

<u>FREQUENCY</u>	<u>MAX. UNCORRELATED GAINS [dBi]</u>
5925 MHz	3.1
6525 MHz	2.8
7125 MHz	2.6

Frequency	Phi	Theta	X3 Gain Data	X4 Gain Data	X7 Gain Data	X10 Gain Data	Calculation Breakout				
5925000000	0	-3.141592654	-17.255756	-20.41820011	-22.12442615	-18.28340326	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0	-3.089232776	-18.49848648	-15.40249478	-20.31206061	-23.87536614	0.0141303	0.0288238	0.0093067	0.004097	-18.511068
5925000000	0	-3.036872899	-17.66004305	-13.15462457	-18.08720568	-22.3937979	0.0171394	0.0483657	0.0155339	0.0057626	-16.635323
5925000000	0	-2.984513021	-19.94563395	-11.00545309	-16.94535897	-15.40020236	0.010126	0.0793331	0.0202052	0.028839	-14.605984
5925000000	0	-2.932153143	-20.81705214	-8.536964912	-16.7672893	-12.87913151	0.008285	0.1399686	0.0210509	0.0515332	-12.579868
5925000000	0	-2.879793266	-14.14132324	-7.535089805	-16.30205677	-12.76967828	0.0385361	0.1763969	0.0234312	0.0528484	-11.378494
5925000000	0	-2.827433388	-10.81508816	-8.997547183	-15.72178018	-13.13996784	0.0828879	0.1259637	0.0267807	0.0485292	-11.484948
5925000000	0	-2.775073511	-9.815478283	-12.53431306	-16.50960867	-11.01473255	0.1043403	0.0557916	0.0223377	0.0791638	-11.843667
5925000000	0	-2.722713633	-10.15257863	-11.01282587	-18.27749933	-8.661992821	0.0965477	0.0791986	0.0148679	0.0104867	-10.879158
5925000000	0	-2.670353756	-11.45187948	-7.786943398	-17.1335455	-8.336167425	0.0715834	0.1664584	0.0193484	0.1466842	-9.9559874
5925000000	0	-2.617993878	-13.69879887	-6.981736563	-14.28551408	-9.700170842	0.0426698	0.2003671	0.0372777	0.1071477	-10.138307
5925000000	0	-2.565634	-16.61567895	-7.860769478	-12.63707268	-9.104849428	0.0217988	0.1636527	0.0544887	0.1228896	-10.423592
5925000000	0	-2.513274123	-18.15934225	-8.685675996	-12.61974595	-6.482561002	0.015278	0.1353419	0.0547048	0.2247729	-9.6849299
5925000000	0	-2.460914245	-15.66703022	-8.276370212	-14.60421566	-5.420050297	0.0271205	0.1487178	0.03464	0.2870747	-9.0522061
5925000000	0	-2.408554368	-12.83005487	-8.019443295	-19.4783261	-6.770878358	0.0521188	0.1577814	0.0112763	0.2103353	-9.6706733
5925000000	0	-2.35619449	-11.46761866	-8.845074466	-21.4612974	-11.58808638	0.0713244	0.1304646	0.0071428	0.0693731	-11.575391
5925000000	0	-2.303834613	-11.30874099	-9.964246795	-15.66944611	-19.25381379	0.073982	0.1008266	0.0271054	0.0118746	-12.720755
5925000000	0	-2.251474735	-11.27374285	-9.4204521	-12.35595098	-11.09087655	0.0745806	0.114234	0.05813	0.077788	-10.905341
5925000000	0	-2.199114858	-9.995840964	-7.814291531	-10.53887667	-7.725335275	0.1000958	0.1654135	0.0883308	0.1894377	-8.6703801
5925000000	0	-2.14675498	-7.826305821	-6.597378938	-9.729412961	-5.552355646	0.1649565	0.2189082	0.1064287	0.278461	-7.1627235
5925000000	0	-2.094395102	-5.774881092	-5.814020157	-10.19248001	-4.657923603	0.2645525	0.262179	0.0956648	0.342143	-6.1774006
5925000000	0	-2.042035225	-4.135068338	-5.19949654	-11.85578341	-3.996979591	0.3859163	0.3020302	0.0652261	0.3983841	-5.4077463
5925000000	0	-1.989675347	-2.881285692	-4.836011316	-11.91691043	-3.494157359	0.5150761	0.3283968	0.0643145	0.4472849	-4.7009751
5925000000	0	-1.937193547	-1.956783895	-5.018602121	-9.000568942	-3.18732158	0.6372673	0.3148762	0.125876	0.4800294	-4.0947891
5925000000	0	-1.884955592	-1.373166614	-5.902583592	-6.56981085	-2.948655673	0.7289258	0.2568867	0.2203022	0.5071477	-3.682361
5925000000	0	-1.832595715	-1.169867421	-7.02926479	-5.293318177	-2.549892342	0.7638591	0.1981863	0.2955753	0.5559065	-3.4353592
5925000000	0	-1.780235837	-1.302218487	-7.187971229	-4.62199631	-2.009003284	0.7409317	0.1910746	0.3449851	0.6296507	-3.2179083
5925000000	0	-1.72787596	-1.659131407	-6.40595497	-4.012679843	-1.607320967	0.6824752	0.2287729	0.3969465	0.6906657	-3.0127755
5925000000	0	-1.675516082	-2.228233983	-5.825010404	-3.453127795	-1.575300444	0.598655	0.2615164	0.4515306	0.6957768	-2.9940901
5925000000	0	-1.623156204	-3.224301515	-5.670380641	-2.710820923	-1.869647128	0.4759593	0.2709948	0.4818567	0.6501825	-2.813475
5925000000	0	-1.50796327	-5.016088015	-5.417522411	-3.017225366	-1.954687087	0.3150585	0.2872419	0.4992033	0.637575	-3.6174075
5925000000	0	-1.518436449	-7.693967406	-4.56453758	-2.412643177	-1.077379222	0.1700604	0.3495797	0.5737672	0.7803008	-3.2935804
5925000000	0	-1.466076572	-9.433696066	-3.302620501	-1.221496712	0.471639514	0.113928	0.467453	0.754832	1.1147153	-2.1272939
5925000000	0	-1.413716694	-7.854258099	-2.212287956	-0.088180315	1.773487259	0.1638982	0.6008571	0.9799005	1.5034394	-0.9039958
5925000000	0	-1.361356817	-5.49848149	-1.607187723	0.547304594	2.343998909	0.2819369	0.6906869	1.1343066	1.751862	-0.1560858
5925000000	0	-1.308969639	-3.521500227	-1.397719591	0.80011034	2.57320659	0.4444777	0.7248161	1.202295	1.8085089	-0.912648
5925000000	0	-1.256637061	-1.758031856	-1.234712002	1.082158834	2.538440733	0.667109	0.7525386	1.2829682	1.7940894	0.5083443
5925000000	0	-1.204277184	-0.268648259	-0.845414972	1.605458674	2.54016759	0.9400158	0.8231112	1.4472577	1.7948029	0.9736037
5925000000	0	-1.151917306	0.660563349	-0.345618765	2.086310456	2.376542754	1.164277	0.9235026	1.616706	1.7284399	1.329737
5925000000	0	-1.099557429	0.821162351	-0.052784829	2.142817284	1.755774414	1.2081371	0.9879194	1.6378787	1.4982264	1.2484331
5925000000	0	-1.047197551	0.214197857	-0.112832592	1.721977727	0.929751574	1.0505574	0.9743539	1.4866123	1.2387257	0.7465642
5925000000	0	-0.994837674	-0.841271103	-0.414067419	1.15400297	0.864913147	0.823897	0.9090615	1.3043685	1.2203694	0.2711469
5925000000	0	-0.942477796	-1.693685392	-0.768636596	0.839865542	1.63427847	0.6770667	0.8377923	1.2133513	1.4568396	0.1966631
5925000000	0	-0.890117919	-1.948017407	-1.132584137	0.703992526	2.109715757	0.6385549	0.7700449	1.1759782	1.6254424	0.2226546
5925000000	0	-0.837758041	-1.905347774	-1.574253591	0.278641199	1.736679106	0.6448557	0.6959446	1.0662625	1.4916534	-0.1113839
5925000000	0	-0.785398163	-1.940424574	-2.048814055	-0.654817575	0.86598623	0.6396723	0.6239052	0.8600392	1.220671	-0.7775636
5925000000	0	-0.733038286	-2.221052563	-2.32951063	-1.669976133	0.456775147	0.5996457	0.584856	0.6807731	1.1109065	-1.284006
5925000000	0	-0.680678408	-2.88020433	-2.364180398	-2.040403538	0.687330055	0.5152044	0.5802057	0.6251146	1.1714749	-1.4086176
5925000000	0	-0.628318531	-3.986542783	-2.514401636	-1.964619728	0.698877377	0.3993427	0.5604796	0.6361185	1.1745939	-1.594964
5925000000	0	-0.575958653	-5.264034723	-3.160726619	-2.273480521	0.14228865	0.2975751	0.482978	0.5924503	1.0333058	-2.2070856
5925000000	0	-0.523598776	-6.015777747	-4.438783357	-3.282498962	-0.554125478	0.2502777	0.3598501	0.4696238	0.8802123	-3.0981189
5925000000	0	-0.471238898	-6.040368066	-6.340937187	-4.439478304	-0.936468881	0.2488646	0.2322236	0.3597926	0.8600335	-3.8538899
5925000000	0	-0.41887902	-5.978067457	-8.769173629	-4.757011198	-1.264121292	0.2524604	0.1327467	0.3344251	0.7474599	-4.355973
5925000000	0	-0.366519143	-6.240524574	-11.24257665	-4.472680742	-1.956007863	0.2376553	0.0751177	0.3570524	0.6373811	-4.8571578
5925000000	0	-0.314159265	-6.711409707	-12.90054314	-6.439685053	-3.00972203	0.2123253	0.0512797	0.3435829	0.5000665	-5.574558
5925000000	0	-0.261799388	-7.05504167	-13.76552103	-5.89537574	-4.201145464	0.1970134	0.0420192	0.2606341	0.3800891	-6.5769337
5925000000	0	-0.209439531	-7.093035272	-14.221342	-8.122972975	-5.555457403	0.1952974	0.0378326	0.1540645	0.2782622	-7.7894016
5925000000	0	-0.157079636	-6.945937943	-14.27276273	-10.86239903	-7.374073451	0.2020255	0.0373873	0.0819899	0.1380597	-8.9231219
5925000000	0	-0.104719755	-6.820104476	-14.79262056	-12.57720179	-9.405927779	0.2079647	0.0331694	0.0552433	0.1146588	-9.8817995
5925000000	0	-0.052359878	-6.804406126	-15.61624059	-12.26911924	-9.883040256	0.2087178	0.0274395	0.0593046	0.1027729	-10.01968
5925000000	0	-4.44E-16	-6.963298895	-12.77767636	-11.03294068	-8.622464844	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984778
5925000000	0	0.052359878	-7.588320546	-8.633096542	-10.14997466	-7.452912146	0.1742481	0.1369905	0.0966057	0.1797665	-8.3297031
5925000000	0	0.104719755	-9.2332129	-6.057338407	-9.996317624	-6.685735576	0.1193105	0.2478941	0.1000848	0.2144996	-7.6841
5925000000	0	0.157079633	-12.57636459	-5.064740752	-10.12133234	-5.908652861	0.055254	0.3115487	0.0972449	0.256528	-7.4438049
5925000000	0	0.20943951	-17.2713024	-5.142548407	-9.155019859	-4.929298732	0.0187443	0.3060167	0.1214781	0.3214179	-7.6898722
5925000000	0	0.261799388	-16.18140248	-5.120806905	-7.211865038	-3.892441942	0.0240913	0.3075525	0.1900262	0.4080899	-6.3368919
5925000000	0	0.314519265	-12.25159087	-4.027407406	-5.562092682	-3.055455785	0.0595444	0.3956027	0.2778374	0.4948282	-5.5257875
5925000000	0	0.366519143	-9.038466215	-2.798663039	-4.409762078	-2.540163768	0.1247824	0.524969	0.3622628	0.5571647	-4.0638749
5925000000	0	0.41887902	-6.13785658	-2.395832547	-3.461563608	-2.176209287	0.2433405	0.5759924	0.5406544	0.6058695	-3.886032
5925000000	0	0.471238898	-3.687219777	-2.634611467	-2.579447522	-1.710576568	0.4278367	0.5451787	0.5521477	0.6744385	-2.5971598
5925000000	0	0.523598776	-1.989625575	-2.426655973	-1.890283762	-1.261710					

5925000000	0	2.722713633	-6.559137406	-10.16186406	-19.22966968	-7.424193728	0.2208443	0.0963415	0.0119408	0.1809592	-8.9441672
5925000000	0	2.775073511	-7.329966299	-11.56386853	-17.7918373	-7.180149388	0.1849283	0.0697611	0.0166271	0.191419	-9.367272
5925000000	0	2.827433388	-8.368757041	-14.42799052	-16.0873687	-7.484734461	0.1455876	0.0360746	0.0246165	0.1784541	-10.169009
5925000000	0	2.879793266	-8.463861866	-13.72942955	-15.61668673	-7.789208188	0.1423431	0.0423699	0.0274367	0.1663716	-10.238654
5925000000	0	2.932153143	-8.752274926	-11.88617484	-16.17820732	-9.077102762	0.1332823	0.0647713	0.024109	0.1326772	-10.63185
5925000000	0	2.984513021	-10.21071551	-12.2565302	-16.98102527	-12.20918014	0.0952639	0.0594767	0.02004	0.0601287	-12.311597
5925000000	0	3.036872899	-12.18844916	-15.04279304	-18.36643913	-16.37890858	0.0604164	0.0313127	0.0145665	0.0230202	-14.904081
5925000000	0	3.089232776	-14.29598117	-20.90104629	-20.82056075	-17.46005391	0.0371879	0.0081263	0.0082784	0.0179471	-17.475127
5925000000	0	3.141592654	-17.255756	-20.41820011	-22.12442615	-18.28340326	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.052359878	-3.141592654	-17.25575616	-20.4181997	-22.12442652	-18.28340335	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.052359878	-3.089232776	-18.47959586	-15.3692905	-20.44208994	-24.06138572	0.0141919	0.029045	0.0090321	0.0039252	-18.523684
5925000000	0.052359878	-3.036872899	-17.24700908	-13.08691048	-18.32132936	-22.88437859	0.0188495	0.0491257	0.0147186	0.0051471	-16.583632
5925000000	0.052359878	-2.984513021	-19.37461546	-10.61951638	-17.32588996	-15.18896171	0.0115488	0.0867058	0.0185102	0.0302764	-14.346208
5925000000	0.052359878	-2.932153143	-22.93571855	-8.099186739	-17.04476937	-12.56335486	0.0050866	0.1549107	0.019748	0.0554197	-12.306873
5925000000	0.052359878	-2.879793266	-15.4599678	-7.409038277	-16.04397474	-12.81397808	0.0284448	0.1815918	0.0248658	0.0523121	-11.438536
5925000000	0.052359878	-2.827433388	-11.71389611	-9.590926632	-15.10150603	-13.95404303	0.0673923	0.1098771	0.0308922	0.0402342	-12.069155
5925000000	0.052359878	-2.775073511	-10.74095495	-14.23692874	-15.83760374	-11.30651306	0.0843149	0.037697	0.0260759	0.0740199	-12.554919
5925000000	0.052359878	-2.722713633	-11.54464429	-11.11797321	-18.45323458	-8.370180276	0.0700706	0.0773041	0.0142783	0.1455399	-11.146489
5925000000	0.052359878	-2.670353756	-13.81834368	-7.763221979	-19.51129463	-7.678385134	0.0415112	0.1673701	0.011191	0.1706717	-10.101676
5925000000	0.052359878	-2.617993878	-16.94180454	-7.182163503	-16.48698683	-8.415598096	0.0202218	0.1913303	0.0224544	0.0440258	-10.245312
5925000000	0.052359878	-2.565634	-18.3796917	-7.994940569	-13.93234289	-7.713132308	0.0145221	0.1586741	0.0404358	0.1693116	-10.189252
5925000000	0.052359878	-2.513274123	-17.83779759	-8.331262703	-13.03056266	-5.776579138	0.0164521	0.1468499	0.0497673	0.2644491	-9.2306994
5925000000	0.052359878	-2.460914245	-16.68460951	-7.75363747	-14.09768096	-5.140319887	0.0214555	0.1677399	0.0389253	0.3061738	-8.7427932
5925000000	0.052359878	-2.408554368	-15.48070688	-7.623266215	-17.865765	-6.598564168	0.0283093	0.1728516	0.0163465	0.2188485	-9.6221918
5925000000	0.052359878	-2.35619449	-14.89835051	-8.523770057	-22.38842374	-10.93023623	0.0323717	0.1404827	0.0057698	0.0807191	-11.88185
5925000000	0.052359878	-2.303834613	-14.43197528	-9.642555701	-17.00115552	-19.50851231	0.0360415	0.1085786	0.0199473	0.0111982	-13.57126
5925000000	0.052359878	-2.251474735	-13.20043654	-9.030663448	-12.97421968	-14.23943695	0.0478582	0.1250068	0.0504171	0.0376753	-11.514904
5925000000	0.052359878	-2.199114858	-11.09335743	-7.291770993	-10.67036076	-9.718969782	0.0777435	0.1865619	0.0856967	0.1066849	-9.4244133
5925000000	0.052359878	-2.14675498	-8.54570756	-6.046949492	-9.41286621	-7.670450569	0.1397749	0.2484878	0.1144757	0.170938	-7.7357912
5925000000	0.052359878	-2.094395102	-6.110209792	-5.460129175	-9.354325664	-6.544106837	0.2448495	0.2843477	0.1160292	0.22161	-6.6405524
5925000000	0.052359878	-2.042035225	-4.168163756	-5.219305654	-10.52387433	-5.727840937	0.3829866	0.3006557	0.0886365	0.2674336	-5.8514677
5925000000	0.052359878	-1.989675347	-2.880040679	-5.220195834	-11.43871131	-5.002492272	0.5152238	0.3005941	0.0718007	0.3160643	-5.2155437
5925000000	0.052359878	-1.93731547	-2.219405167	-5.66833668	-9.864322337	-4.284772742	0.5998732	0.271123	0.1031734	0.3728402	-4.768923
5925000000	0.052359878	-1.884955592	-2.01831807	-6.808895914	-7.578148589	-3.405161102	0.6283016	0.2085021	0.1746567	0.4565453	-4.3533225
5925000000	0.052359878	-1.832595715	-2.040910075	-8.325184185	-5.948670497	-2.256965745	0.6250417	0.1470556	0.2541751	0.5947075	-3.9228237
5925000000	0.052359878	-1.780253837	-2.088194994	-8.815653513	-5.840494996	-1.055554573	0.6182733	0.1313514	0.3307159	0.784232	-3.314807
5925000000	0.052359878	-1.72787596	-2.119013918	-8.120014391	-8.78890313	-1.030452804	0.6139014	0.1541695	0.4093652	0.9704088	-2.7005707
5925000000	0.052359878	-1.675516082	-2.301252669	-7.659571318	-3.227446525	0.360667345	0.5886738	0.1714126	0.4756148	1.0865926	-2.3614282
5925000000	0.052359878	-1.623156204	-2.937720435	-7.637714065	-2.940526295	0.534157962	0.5084262	0.1722775	0.5080979	1.1395781	-2.3663196
5925000000	0.052359878	-1.570796327	-4.279596327	-7.301898943	-2.763551397	0.790114098	0.3732906	0.1861273	0.5292305	1.1908308	-2.526996
5925000000	0.052359878	-1.518436449	-6.016522319	-6.160722252	-1.61972474	1.486695233	0.2502348	0.2420626	0.6078589	1.4082168	-2.0266785
5925000000	0.052359878	-1.466076572	-6.402619549	-4.647250714	-2.021200559	2.421200559	0.2289486	0.3429848	0.7795688	1.7463048	-1.1100563
5925000000	0.052359878	-1.413716694	-4.726948722	-3.449049367	-0.092274962	3.072368862	0.3367481	0.4519549	0.978977	2.028789	-0.2268013
5925000000	0.052359878	-1.361356817	-2.775347144	-2.872399963	0.45840412	3.13666748	0.527795	0.5163111	1.1113233	2.0590493	-0.266532
5925000000	0.052359878	-1.308996939	-1.20838891	-2.767486831	0.720152887	2.659976748	0.7571137	0.5287511	1.1803622	1.8450055	-0.3254146
5925000000	0.052359878	-1.256637061	-1.03198352	-2.626750594	1.073036443	1.985990629	1.0240469	0.5461664	1.2802761	1.5797889	-0.4437101
5925000000	0.052359878	-1.204277184	1.185397508	-2.013969378	1.63189616	1.471806942	1.3138317	0.6289311	1.4560947	1.4033975	-0.7938523
5925000000	0.052359878	-1.151917306	1.824179758	-1.14645597	2.068619435	1.046427763	1.5220116	0.7679879	1.6101337	1.272456	-1.1164801
5925000000	0.052359878	-1.099557429	1.780434518	-0.555538179	2.065530135	0.456330135	1.5067578	0.8799261	1.6053094	1.1707927	-1.0574736
5925000000	0.052359878	-1.047197551	0.985983376	-0.45442513	1.625882667	0.030558242	1.2548688	0.900653	1.4540799	1.0070611	-0.6226816
5925000000	0.052359878	-0.994837674	-0.27485983	-0.672037327	1.171489922	0.471292641	0.9386723	0.8563639	1.3096311	1.1146262	-0.2307785
5925000000	0.052359878	-0.942477796	-1.296653927	-0.940472243	1.041049794	1.329151127	0.7418816	0.8052909	1.2708813	1.3580404	-0.1871108
5925000000	0.052359878	-0.890117919	-1.652865132	-1.224028265	1.0107229948	1.594063011	0.6834606	0.7543922	1.2668728	1.4434651	-0.1579872
5925000000	0.052359878	-0.837758041	-1.721824272	-1.673470856	0.633415006	0.935865022	0.672694	0.6802255	1.1570217	1.2404707	-0.2798012
5925000000	0.052359878	-0.785398163	-1.852313008	-2.287718106	-0.298793386	-0.11342222	0.6527828	0.5905133	0.9335136	0.9742217	-1.0360754
5925000000	0.052359878	-0.733038286	-2.106043122	-2.738186912	-1.292265796	-0.354281898	0.6153736	0.5323304	0.7426316	0.9216623	-1.5298074
5925000000	0.052359878	-0.680678408	-2.621081515	-2.801753133	-1.652993323	0.215508021	0.5468798	0.5245957	0.6834404	1.0508744	-1.5400479
5925000000	0.052359878	-0.628318531	-3.593142346	-2.871656218	-1.618706645	-0.059411324	0.4372056	0.5162195	0.6888574	1.111581	-1.6211775
5925000000	0.052359878	-0.575958653	-4.87017468	-3.455726721	-2.001590776	0.406307149	0.3258236	0.4512605	0.6307763	0.9985488	-2.0699594
5925000000	0.052359878	-0.523598776	-5.763149536	-4.722011538	-3.128767432	-0.759334877	0.2652681	0.3371311	0.4865453	0.8395886	-3.168329
5925000000	0.052359878	-0.471238898	-5.968395496	-6.611343844	-4.456921004	-1.239768982	0.2530233	0.2182055	0.3585304	0.7516629	-4.0306165
5925000000	0.052359878	-0.41887902	-6.106172156	-8.983193362	-4.869784021	-1.567885734	0.2451223	0.1263807	0.3258529	0.6969657	-4.5676974
5925000000	0.052359878	-0.366519143	-6.544039616	-11.43006397	-4.53624257	-2.208900574	0.2216134	0.0719438	0.3518647	0.6013259	-5.0628134
5925000000	0.052359878	-0.314159265	-7.001985488	-13.16599725	-4.617147194	-3.261206869	0.199435	0.0482392	0.3453705	0.4713919	-5.747199
5925000000	0.052359878	-0.261799388	-7.102212495	-14.04750274	-5.740522297	-4.50960498	0.1948852	0.0393776	0.2666538	0.3540295	-6.7012124
5925000000	0.052359878	-0.20943951	-6.929678874	-14.44786524	-7.950047836	-5.909161102	0.2027833	0.0359098	0.1603228	0.2564979	-7.5842814
5925000000	0.052359878	-0.157079633	-6.783929018	-14.52336632	-10.61353257	-7.748088783	0.2097042	0.035291	0.0864662	0.1679543	-9.0359784
5925000000	0.052359878	-0.104719755	-6.758365566	-15.11122778	-12.40710835	-9.770704459	0.2109422</				

5925000000	0.052359878	2.303834613	-5.08261207	-18.39308261	-11.00385006	-5.840805439	0.3102693	0.0144774	0.0793624	0.260567	-7.7944987
5925000000	0.052359878	2.35619449	-6.483499999	-15.27968187	-11.19531876	-6.887498409	0.2247243	0.0295605	0.0759396	0.2047624	-8.7364394
5925000000	0.052359878	2.408554368	-7.43671279	-10.150341	-12.98348296	-7.372551596	0.1804383	0.0965975	0.0503097	0.1831238	-8.9409035
5925000000	0.052359878	2.460914245	-7.221606861	-6.960678047	-15.0862403	-7.795361766	0.1896004	0.201341	0.031001	0.166136	-8.3262472
5925000000	0.052359878	2.513274123	-6.198009536	-5.445096827	-16.31708477	-9.44876055	0.2399933	0.2854239	0.0233502	0.1153335	-8.9152921
5925000000	0.052359878	2.565634	-5.828863695	-5.497071724	-17.57581927	-13.56821699	0.2612845	0.2820284	0.0174772	0.0343972	-8.2047525
5925000000	0.052359878	2.617993878	-6.434865385	-6.721330945	-18.95355155	-14.76012669	0.227255	0.1227487	0.0127246	0.0334185	-9.1529251
5925000000	0.052359878	2.670353756	-6.771269223	-7.739272638	-19.87226788	-9.869413332	0.2103164	0.1682956	0.0102985	0.1030525	-9.1012757
5925000000	0.052359878	2.722713633	-6.510012953	-8.107590979	-20.93858675	-7.586062458	0.2233566	0.1546112	0.0800564	0.1743387	-8.5359068
5925000000	0.052359878	2.770755131	-7.065750453	-9.489329377	-19.511738123	-7.177338123	0.1965282	0.1124779	0.0111898	0.1915148	-8.9301156
5925000000	0.052359878	2.827433388	-8.277756849	-11.91968803	-16.86092675	-7.356460245	0.1486703	0.0642734	0.0206019	0.1838036	-9.815604
5925000000	0.052359878	2.879793266	-8.614384367	-12.16335506	-15.99237627	-7.756642506	0.137582	0.0607665	0.025163	0.1676238	-10.097329
5925000000	0.052359878	2.932153143	-8.898734424	-11.25303809	-16.49530332	-9.174237895	0.1288625	0.074937	0.0224114	0.1209417	-10.615395
5925000000	0.052359878	2.984513021	-10.33737856	-11.91498227	-17.24955294	-12.30729826	0.0925256	0.0643431	0.0188384	0.0587855	-12.319308
5925000000	0.052359878	3.036872899	-12.26354714	-14.76597305	-18.48231967	-16.37774493	0.0593807	0.0333736	0.014183	0.0230264	-14.882381
5925000000	0.052359878	3.089232776	-14.2400472	-20.8348085	-20.77516135	-17.51300218	0.03767	0.0082512	0.0083653	0.0177296	-17.446299
5925000000	0.052359878	3.141592654	-17.25575616	-20.4181997	-22.12442652	-18.28340335	0.0188115	0.0090082	0.0061314	0.0148477	-19.129946
5925000000	0.052359878	3.141592654	-17.25575595	-20.41820024	-22.12442606	-18.283403	0.0188115	0.0090082	0.0061314	0.0148477	-19.129946
5925000000	0.104719755	-3.089232776	-18.45946846	-15.33639523	-20.58904065	-24.1647447	0.0142578	0.0292658	0.0087316	0.0038329	-18.531889
5925000000	0.104719755	-3.036872899	-16.84519961	-12.9195772	-18.601469	-23.42352527	0.0206766	0.0504434	0.0137992	0.0045462	-16.530403
5925000000	0.104719755	-2.984513021	-18.6830044	-10.20210545	-17.77399615	-15.08133027	0.0135425	0.095453	0.0166955	0.0310361	-14.069158
5925000000	0.104719755	-2.932153143	-25.74702705	-7.699737981	-17.34256491	-12.37599567	0.0026625	0.1698346	0.0184393	0.0578629	-12.062107
5925000000	0.104719755	-2.879793266	-17.37618996	-7.331448114	-15.82201406	-12.92811551	0.018297	0.1848652	0.0261697	0.0509552	-11.544568
5925000000	0.104719755	-2.827433388	-12.86765596	-10.18733994	-14.63947666	-15.0748228	0.0516695	0.0957781	0.0343599	0.0310826	-12.739045
5925000000	0.104719755	-2.775073511	-11.69896705	-15.52324593	-15.3499054	-12.17891394	0.0676244	0.0280334	0.0291749	0.0605492	-13.39927
5925000000	0.104719755	-2.722713633	-12.65455516	-10.78901434	-18.40529825	-8.795389802	0.0542681	0.083387	0.0144368	0.1319657	-11.486536
5925000000	0.104719755	-2.670353756	-15.4418744	-7.563639019	-22.6437537	-9.782163433	0.0285636	0.1752412	0.0054403	0.1611327	-10.334151
5925000000	0.104719755	-2.617993878	-18.5318111	-6.991428369	-20.21451428	-8.410424413	0.0140223	0.1999204	0.0095181	0.1441974	-10.366157
5925000000	0.104719755	-2.565634	-18.29600502	-7.348801249	-15.97837964	-7.642524853	0.0148047	0.184128	0.0252442	0.1720975	-10.40464
5925000000	0.104719755	-2.513274123	-17.1392837	-7.301911979	-13.84604018	-6.028224944	0.0193229	0.1861268	0.041261	0.2495615	-9.0634017
5925000000	0.104719755	-2.460914245	-15.95103887	-6.982691584	-13.9163029	-5.649130968	0.0254036	0.200323	0.0405854	0.273246	-8.7076408
5925000000	0.104719755	-2.408554368	-15.38669048	-7.198375111	-16.56701141	-7.106041034	0.0289288	0.1906174	0.0220444	0.1947134	-9.6227073
5925000000	0.104719755	-2.35619449	-16.70648848	-8.280379493	-20.21422231	-10.75342537	0.0213477	0.1485806	0.0075141	0.0840732	-11.845624
5925000000	0.104719755	-2.303834613	-17.69191435	-9.474842723	-17.9389314	-17.20091492	0.0170141	0.1128537	0.0160734	0.0190506	-13.845978
5925000000	0.104719755	-2.251474735	-14.26679898	-8.679494842	-13.573455249	-17.04468577	0.0374386	0.1355347	0.0439192	0.0197484	-12.279701
5925000000	0.104719755	-2.199114858	-10.64064173	-6.674302645	-10.95380842	-11.6002964	0.0862851	0.215065	0.0802822	0.0691784	-4.8025787
5925000000	0.104719755	-2.14675498	-7.764375658	-5.363811768	-9.36945557	-8.41342442	0.1673256	0.2908164	0.1165257	0.1440979	-7.4601688
5925000000	0.104719755	-2.094395102	-5.327199722	-4.92310732	-8.876969697	-6.531368885	0.2932784	0.3218765	0.1294286	0.22226	-7.6107383
5925000000	0.104719755	-2.042035225	-3.395355499	-4.91757158	-9.544769449	-5.300409008	0.4575773	0.322287	0.1110511	0.2950937	-5.2979195
5925000000	0.104719755	-1.989675347	-2.148853362	-5.085616819	-4.63988875	-4.316667065	0.6096979	0.3100547	0.0863001	0.7301121	-4.6338957
5925000000	0.104719755	-1.93731547	-1.65670512	-5.619490814	-10.41423727	-3.379051825	0.6828566	0.2741896	0.0909027	0.4592983	-4.2387554
5925000000	0.104719755	-1.88495592	-1.827702998	-6.849907298	-8.722391816	-2.311011673	0.6564924	0.2065424	0.1342026	0.5873525	-4.0214311
5925000000	0.104719755	-1.832595715	-2.43293126	-8.477991401	-6.866774566	-1.021701619	0.571093	0.1419714	0.2057418	0.7903689	-3.6927342
5925000000	0.104719755	-1.780235837	-3.185092682	-8.843088734	-5.265297599	-0.306668731	0.4802758	0.1305242	0.2976761	0.1731659	-3.0520781
5925000000	0.104719755	-1.72787596	-3.885954809	-7.812233639	-3.997253759	1.373884012	0.4086999	0.1654919	0.398359	1.3721083	-2.3198029
5925000000	0.104719755	-1.675516082	-4.568268497	-7.091461366	-3.20093405	1.996271301	0.3492795	0.1953682	0.4782893	1.583533	-1.8600725
5925000000	0.104719755	-1.623156204	-5.448634661	-6.865744396	-2.861319054	2.206609858	0.2851915	0.2057906	0.5174496	1.6621147	-1.7545986
5925000000	0.104719755	-1.570796327	-6.48305303	-6.404879701	-2.623716725	2.271501491	0.2247474	0.2288295	0.546548	1.6871362	-1.7275012
5925000000	0.104719755	-1.518436449	-6.56843072	-5.351184749	-1.992092632	2.505335778	0.2203723	0.2916631	0.6321072	1.7804651	-1.3599231
5925000000	0.104719755	-1.466076572	-4.763506069	-4.085038681	-0.990581054	2.887469898	0.3392554	0.3903877	0.7960528	1.9442271	-0.6240777
5925000000	0.104719755	-1.413716694	-3.15755923	-3.15755923	-0.135322777	3.057128072	0.5753248	0.4833304	0.9693212	2.021688	-0.3512881
5925000000	0.104719755	-1.361356817	-0.496162763	-2.868933546	0.316192092	2.703441601	0.8920388	0.5165432	1.0755218	1.8635639	0.3619629
5925000000	0.104719755	-1.308996939	0.884953097	-3.140171959	0.566463994	1.82041336	1.2260137	0.4852693	1.1393218	1.5206923	0.3850632
5925000000	0.104719755	-1.256637061	1.9137869	-3.446643938	0.98402042	0.81147933	1.5537412	0.4521844	1.2543018	1.2054465	0.4782702
5925000000	0.104719755	-1.204277184	2.645431117	-3.07067692	0.239410767	1.8388365	1.8388365	0.4930969	1.4428174	1.0566741	0.8025152
5925000000	0.104719755	-1.151917306	2.941282796	-2.090813463	2.007671112	0.093251394	1.9684676	0.6179007	1.5876951	1.0217041	1.1358972
5925000000	0.104719755	-1.099557429	2.5946099	-1.278034867	1.94133629	-0.007821226	1.8174438	0.745069	1.5636248	0.9982004	1.0755781
5925000000	0.104719755	-1.047197551	1.528728866	-0.1011253879	1.505959096	0.027029451	1.4219125	0.7922726	1.4144771	1.0062342	0.6398088
5925000000	0.104719755	-0.994837674	0.057359118	-1.129424448	1.159117306	0.480471799	1.013295	0.7710056	1.3059054	1.187725	0.2211675
5925000000	0.104719755	-0.942477796	-1.008538416	-1.324538658	1.201539845	1.007141669	0.7927681	0.7371335	1.3187242	1.2609973	0.11742
5925000000	0.104719755	-0.890117919	-1.292789779	-1.558853149	1.307005973	0.951143784	0.742542	0.6984168	1.3511408	1.248484	0.0399252
5925000000	0.104719755	-0.837758041	-1.353234989	-2.024584943	0.956219319	0.178060638	0.7322789	0.6273957	1.2462981	1.0418521	-0.0060263
5925000000	0.104719755	-0.785398163	-1.516333134	-2.739168561	-0.04127041	-0.634883092	0.7052883	0.5322101	1.0095482	0.8639599	-1.0915404
5925000000	0.104719755	-0.733038286	-1.718066927	-3.288322017	-0.926437533	-0.50095995	0.6732763	0.4689946	0.8078975	0.891054	-1.4855478
5925000000	0.104719755	-0.680678408	-2.088455307	-3.314427727	-1.286499407	0.143118892	0.6182363	0.4661839	0.7436183	1.0335034	-1.4545991
5925000000	0.104719755	-0.628318531	-2.947910604	-3.264183162	-1.293318949	0.285799383	0.5072347	0.4716086	0.7424515	1.0680214	-1.5656225
5925000000	0.104719755	-0.575958653	-4.266777492	-3.763502939	-1.730012232	-0.295434079	0.3743883	0.4203874	0.671427	0.934267	-2.2176938
5925000000	0.104719755	-0.523598776	-5.350714274								

5925000000	0.104719755	1.884955592	-2.435500136	-3.252740784	-5.076917521	-3.688295253	0.5707553	0.4728528	0.3106764	0.4277308	-3.5114858
5925000000	0.104719755	1.93731547	-2.684719602	-3.839900928	-6.486093222	-4.153104909	0.5389246	0.4130569	0.2245901	0.3843169	-4.0868080
5925000000	0.104719755	1.989675347	-3.231667624	-4.812245225	-8.697008651	-5.240883188	0.4751527	0.3301988	0.1349892	0.2991656	-5.0881122
5925000000	0.104719755	2.042035222	-3.960847818	-6.025066415	-9.871808155	-6.386113551	0.4017124	0.249743	0.1029957	0.2298204	-6.0894505
5925000000	0.104719755	2.094395105	-4.17541804	-7.136714931	-9.833384825	-6.224201915	0.3823474	0.193343	0.103911	0.2385502	-6.3914556
5925000000	0.104719755	2.146754988	-3.673447676	-8.086043923	-10.84283173	-5.06167245	0.4291956	0.1553802	0.0823601	0.3117689	-6.1140831
5925000000	0.104719755	2.199114858	-3.357968714	-9.432986912	-13.09464876	-4.343306512	0.4615334	0.1139466	0.0490383	0.3678488	-6.0538766
5925000000	0.104719755	2.251474735	-3.849365911	-11.94338303	-12.97011304	-4.635412119	0.4121577	0.0639237	0.0504648	0.3439211	-6.6230755
5925000000	0.104719755	2.303834613	-5.039217966	-15.7058757	-11.89204416	-5.864379202	0.313385	0.026879	0.0760466	0.2591565	-7.7245586
5925000000	0.104719755	2.35619449	-6.370246142	-14.73248385	-10.85494716	-7.296779086	0.2306616	0.0336319	0.0821307	0.0612547	-8.7551935
5925000000	0.104719755	2.408554368	-7.349845054	-9.94241912	-11.9194855	-7.749822872	0.1840838	0.1013347	0.0642764	0.1678872	-8.8808076
5925000000	0.104719755	2.460914245	-7.527587094	-6.763207444	-13.44279565	-7.728608519	0.1767019	0.2107071	0.0452606	0.1687093	-8.2291171
5925000000	0.104719755	2.513274123	-6.836628492	-5.32713831	-14.93786414	-8.896100086	0.2071749	0.2932825	0.0320785	0.1289407	-7.8154552
5925000000	0.104719755	2.565634	-6.513388953	-5.457308438	-16.77471857	-12.12860924	0.223183	0.2846225	0.0210149	0.0612547	-8.3115275
5925000000	0.104719755	2.617993878	-7.149741023	-6.51338465	-18.3460613	-13.40338674	0.192764	0.2231832	0.014635	0.0456732	-9.2422005
5925000000	0.104719755	2.670353756	-7.374548869	-6.996705684	-19.58303739	-9.699746274	0.1830396	0.1996776	0.0110077	0.1071582	-9.0232357
5925000000	0.104719755	2.722713633	-6.711257512	-7.008283234	-22.55008257	-7.55736998	0.2132427	0.199146	0.0055898	0.1754493	-8.286817
5925000000	0.104719755	2.775073511	-6.966349739	-8.092032964	-21.91803867	-7.037291215	0.2010782	0.155166	0.0064298	0.1978203	-8.5348875
5925000000	0.104719755	2.827433388	-8.202186129	-10.07885128	-17.81861939	-7.182893186	0.15128	0.0982008	0.0165249	0.1912981	-9.4185527
5925000000	0.104719755	2.879793266	-8.78508689	-10.84584348	-16.49345763	-7.744941139	0.1337055	0.082303	0.022421	0.1680761	-9.9299358
5925000000	0.104719755	2.932153143	-9.051829401	-10.731711	-16.94619553	-9.306017404	0.124399	0.0844946	0.0202014	0.1173271	-10.624544
5925000000	0.104719755	2.984513021	-10.49167948	-11.66432534	-17.62147304	-12.41660943	0.089296	0.0681659	0.0172923	0.0573243	-12.364249
5925000000	0.104719755	3.036872899	-12.36689921	-14.53418986	-18.64687956	-16.36331779	0.0579843	0.0532031	0.0136556	0.023103	-14.882971
5925000000	0.104719755	3.089232776	-14.19822914	-20.76226074	-20.74391745	-17.56084904	0.0380344	0.0083902	0.0084257	0.0175354	-17.424066
5925000000	0.104719755	3.141592654	-17.25575595	-20.41820024	-22.12442606	-18.283403	0.0188115	0.009082	0.0061314	0.0148677	-19.129946
5925000000	0.157079633	-3.141592654	-17.25575585	-20.41819996	-22.12442611	-18.2834032	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.157079633	-3.089232776	-18.44135225	-15.30302976	-20.75306394	-24.17734209	0.0143174	0.0294915	0.0084008	0.0038262	-18.5353276
5925000000	0.157079633	-3.036872899	-16.46623127	-12.81751909	-18.9273876	-24.01696201	0.022562	0.0522695	0.0128015	0.0039656	-16.401716
5925000000	0.157079633	-2.984513021	-17.93149366	-9.784874087	-18.27849886	-15.08566033	0.0161009	0.1050782	0.0148645	0.0310052	-13.792167
5925000000	0.157079633	-2.932153143	-17.64379185	-7.351357817	-17.61235224	-13.21255086	0.0017204	0.1840197	0.0173287	0.0587144	-11.841184
5925000000	0.157079633	-2.879793266	-19.73183363	-7.275711632	-15.59172516	-13.05108944	0.0106369	0.187253	0.0275948	0.0495326	-11.266999
5925000000	0.157079633	-2.827433388	-13.93883356	-10.61614431	-14.25990157	-16.19359036	0.0403754	0.0867732	0.0374982	0.0440238	-13.26356
5925000000	0.157079633	-2.775073511	-12.25129388	-15.52765088	-14.91884813	-13.52111107	0.0595485	0.028005	0.0322192	0.0204518	-13.866223
5925000000	0.157079633	-2.722713633	-12.79796484	-10.22614493	-17.80461865	-9.874281707	0.0525053	0.0949261	0.0165782	0.1029371	-11.756354
5925000000	0.157079633	-2.670353756	-14.99721703	-7.273910248	-23.55635358	-9.065159785	0.031643	0.1873307	0.0044092	0.1240178	-10.612292
5925000000	0.157079633	-2.617993878	-17.52193296	-6.514355192	-27.18914806	-9.648614806	0.0176932	0.2231333	0.0019102	0.1084273	-10.5655
5925000000	0.157079633	-2.565634	-18.36699316	-6.36402608	-18.97749985	-8.26051539	0.0146319	0.2309922	0.0126546	0.1310373	-10.115757
5925000000	0.157079633	-2.513274123	-16.77466201	-6.238760678	-14.97158009	-7.217744494	0.0210152	0.2377519	0.0318304	0.1897691	-9.2048719
5925000000	0.157079633	-2.460914245	-13.36697145	-6.33822232	-13.93151328	-6.848409908	0.0460578	0.2323688	0.0404435	0.2066136	-8.8150076
5925000000	0.157079633	-2.408554368	-11.34051025	-6.902454286	-15.51327382	-8.077103801	0.0734428	0.2400584	0.0280978	0.1557004	-9.3815729
5925000000	0.157079633	-2.35619449	-11.49803	-8.1342322	-19.10807027	-10.90444065	0.0708267	0.1536656	0.0122798	0.0812	-10.996709
5925000000	0.157079633	-2.303834613	-12.41080478	-9.483166112	-17.99457853	-15.51840563	0.057401	0.1126376	0.0158687	0.0280466	-12.717031
5925000000	0.157079633	-2.251474735	-10.8837944	-8.661329377	-14.12397546	-16.74806613	0.0815869	0.1361028	0.0386903	0.0211443	-11.587589
5925000000	0.157079633	-2.199114858	-8.104756126	-6.441754369	-11.239464328	-11.23098947	0.1547121	0.2268948	0.070882	0.0753188	-8.795846
5925000000	0.157079633	-2.146754988	-5.760267677	-5.050493537	-9.716182857	-7.497421775	0.2654442	0.3125724	0.1067354	0.1779335	-6.6619841
5925000000	0.157079633	-2.094395102	-8.310576449	-4.645886261	-8.845117527	-5.421643769	0.4158554	0.3430926	0.1304633	0.2869694	-5.3151209
5925000000	0.157079633	-2.042035225	-2.193778921	-4.618186439	-8.99498734	-4.256221146	0.6034233	0.3452879	0.1260379	0.3752994	-4.4067744
5925000000	0.157079633	-1.989675347	-1.068582917	-4.583714392	-9.831428322	-3.483225463	0.7818829	0.3480395	0.1039578	0.4484212	-3.7615849
5925000000	0.157079633	-1.93731547	-0.596708638	-4.842388311	-10.440487382	-2.813592844	0.8716239	0.3279149	0.0910988	0.5231675	-3.4346938
5925000000	0.157079633	-1.884955592	-0.82915126	-5.799341069	-9.728187519	-2.003646372	0.8261994	0.2630667	0.1064587	0.6304278	-3.4052292
5925000000	0.157079633	-1.832955715	-1.73499018	-7.107611664	-7.970517516	-0.893473724	0.6706578	0.194643	0.159566	0.8140529	-3.3754923
5925000000	0.157079633	-1.780235837	-3.277183275	-7.301608788	-5.968169546	0.356315547	0.470199	0.1861397	0.2530364	1.0855044	-3.0214333
5925000000	0.157079633	-1.72787596	-5.491315106	-6.352253358	-4.350851593	1.405636645	0.2824025	0.2316193	0.3672103	1.3821769	-2.4729696
5925000000	0.157079633	-1.675516082	-8.559406168	-5.704486656	-3.377019261	2.007772046	0.1393347	0.2688756	0.4595133	1.587732	-2.119279
5925000000	0.157079633	-1.623156204	-12.17040556	-5.545491577	-2.943767299	2.120983584	0.060668	0.2789015	0.5077188	1.6296651	-2.0814216
5925000000	0.157079633	-1.570796327	-11.3251983	-5.208245562	-2.618917216	1.94669009	0.0737022	0.3014223	0.5472438	1.5655574	-2.0622258
5925000000	0.157079633	-1.518436449	-6.7306051	-4.319656363	-1.926247014	1.823949811	0.2122949	0.3695784	0.6417639	1.5219311	-1.6338361
5925000000	0.157079633	-1.466076572	-3.084834171	-3.233169395	-0.963604959	1.869766666	0.4914921	0.5447985	0.8010129	1.5380826	-0.8281283
5925000000	0.157079633	-1.413716694	-0.549065453	-2.48115756	-0.17549299	1.820689554	0.8812385	0.5647888	0.9511414	1.520789	-0.0900002
5925000000	0.157079633	-1.361356817	-1.19027492	-2.355907831	0.129451835	1.382197477	1.3153081	0.5813119	1.0302561	1.3747374	0.3157139
5925000000	0.157079633	-1.308996939	-2.402052439	-2.8211981094	0.345590917	0.594425303	1.7386223	0.5221579	1.082827	1.1466808	0.5021421
5925000000	0.157079633	-1.256637061	-3.269582097	-3.469908034	0.812198574	-0.041967946	2.1230402	0.4497894	1.2056461	0.9903831	0.7635447
5925000000	0.157079633	-1.2042771304	-3.813382555	-3.554779071	1.474998918	-0.063424197	2.4062362	0.4410848	1.4044293	0.9855022	1.1704352
5925000000	0.157079633	-1.151917306	-3.886083009	-2.83847812	1.889850139	0.231774985	2.4468554	0.5201782	1.5452011	1.0548171	1.4365354
5925000000	0.157079633	-1.099557429	-3.285785934	-2.045210947	1.78570464	0.372380587	2.1309762	0.624423	1.508588	1.0895091	1.2657751
5925000000	0.157079633	-1.047197551	-1.709683794	-1.383159476	1.338159476	0.380350314	1.5648939	0.6745771	1.3608678	1.0915284	0.6928572
5925000000	0.157079633	-0.994837674	0.254559201	-1.74754687	1.068923751	0.512415982	1.0603663	0.6687215	1.2790643	1.1252038	0.1424565
5925000000	0.157079633	-0.942477796									

5925000000	0.157079633	1.466076572	-1.3124599	-4.387454124	-0.644684306	-0.269582999	0.7391865	0.3641284	0.8620482	0.9398135	-1.3888744
5925000000	0.157079633	1.518436449	-1.383490599	-6.093830127	-1.756975477	-0.813303274	0.7271951	0.2458199	0.6672713	0.8292198	-2.0944989
5925000000	0.1570796327	1.570796327	-1.26225004	-6.377866839	-2.361322119	-0.956317475	0.747782	0.2302573	0.5805876	0.8023581	-2.2896676
5925000000	0.157079633	1.623156204	-1.243655398	-5.361907894	-2.804140081	-0.912979732	0.7509905	0.2909439	0.5243074	0.8104048	-2.2609537
5925000000	0.157079633	1.675516082	-1.484081096	-4.230606552	-3.810678407	-1.084094931	0.7105455	0.3775195	0.4158456	0.7790952	-2.4355298
5925000000	0.157079633	1.72787596	-1.811721458	-3.442219571	-5.424835606	-1.644484573	0.6589127	0.4526662	0.2867586	0.6847807	-2.8334608
5925000000	0.157079633	1.783283837	-1.938891125	-2.980671855	-6.1719141	-2.355683997	0.6398982	0.5034227	0.2414396	0.5813419	-3.0845395
5925000000	0.157079633	1.832595715	-1.86428221	-2.80313411	-5.546365044	-2.763352457	0.6509862	0.5244289	0.2788454	0.5292547	-3.0462446
5925000000	0.157079633	1.884955592	-1.854108584	-2.984642176	-5.418421444	-2.868095493	0.652513	0.5026927	0.287183	0.5166249	-3.0995871
5925000000	0.157079633	1.93731547	-2.155241237	-3.599879039	-6.57679051	-3.178241654	0.6088017	0.436528	0.2199526	0.4810341	-3.5993706
5925000000	0.157079633	1.989675347	-2.866608699	-4.578124416	-8.518005202	-3.980289421	0.5168198	0.3484878	0.1406693	0.3999181	-4.541071
5925000000	0.157079633	2.042035225	-3.783100624	-5.699881642	-9.488780024	-4.8457366	0.4184947	0.2691608	0.1124921	0.3276622	-5.4982413
5925000000	0.157079633	2.094395102	-4.231632155	-6.748166217	-9.352181293	-4.801694457	0.3774303	0.2114382	0.1160865	0.331002	-5.8671827
5925000000	0.157079633	2.14675498	-3.880089804	-7.768290243	-10.27568485	-3.973480722	0.4092522	0.1671749	0.0938494	0.4005456	-5.7234269
5925000000	0.157079633	2.199114858	-3.505430266	-9.093797987	-12.83756122	-3.493418132	0.4461254	0.1232027	0.0502088	0.4473611	-5.7319687
5925000000	0.157079633	2.251474735	-3.81676248	-11.07771779	-13.69928645	-3.986033195	0.4152635	0.1078024	0.042665	0.3993895	-6.3108956
5925000000	0.157079633	2.303834613	-4.804241321	-13.6070423	-11.7908213	-5.430626935	0.3308079	0.0435809	0.0662091	0.2863765	-7.4054091
5925000000	0.157079633	2.35619449	-5.912249374	-13.81463375	-10.89019357	-6.900420994	0.2563156	0.0415467	0.0814668	0.204154	-8.2594042
5925000000	0.157079633	2.408554368	-6.686131797	-10.3445783	-11.25956235	-7.061173835	0.21448	0.0932734	0.0748245	0.1967354	-8.3982245
5925000000	0.157079633	2.460914245	-7.004281953	-7.360921141	-12.31082127	-6.86783164	0.1993296	0.1836149	0.0587378	0.2056917	-7.9909471
5925000000	0.157079633	2.513274123	-6.735848577	-6.054285277	-13.97933639	-7.990952462	0.2120387	0.2480684	0.0400006	0.1588198	-7.8322233
5925000000	0.157079633	2.565634	-6.677559479	-6.401806455	-16.29684569	-10.94633574	0.2149038	0.2289915	0.0234593	0.0804204	-8.6345772
5925000000	0.157079633	2.617993878	-7.573841698	-7.464035256	-17.83390526	-12.28804409	0.1748299	0.1793067	0.0164668	0.0590467	-8.6894504
5925000000	0.157079633	2.670353756	-8.015279587	-7.314972313	-18.86606505	-9.340104705	0.1579327	0.1855679	0.0129819	0.1164098	-9.2729772
5925000000	0.157079633	2.722713633	-7.083797745	-6.721697824	-23.13878054	-7.352978866	0.1957132	0.2127307	0.0048542	0.183951	-8.2590442
5925000000	0.157079633	2.775073511	-7.022969064	-7.332577622	-25.20623441	-6.795468086	0.1984738	0.1848171	0.0030156	0.2091477	-8.2721158
5925000000	0.157079633	2.827433388	-8.18453951	-8.844717895	-18.90562017	-7.000113194	0.1518959	0.1304753	0.0128658	0.199521	-9.0766713
5925000000	0.157079633	2.879793266	-8.850164779	-9.845634638	-17.11879843	-7.765685663	0.1303117	0.1036183	0.0194142	0.1672752	-9.7817066
5925000000	0.157079633	2.932153143	-9.204843904	-10.34357009	-17.55007382	-9.464545875	0.1200924	0.0923938	0.0175789	0.1131216	-10.665295
5925000000	0.157079633	2.984513021	-10.66685422	-11.50123362	-18.10728346	-12.52328784	0.0857659	0.0707745	0.0154622	0.0559334	-12.442471
5925000000	0.157079633	3.036872899	-12.49530801	-14.34377003	-18.85967497	-16.33455743	0.0562949	0.036781	0.0130027	0.0232565	-14.9030438
5925000000	0.157079633	3.089232776	-14.16936552	-20.68624892	-20.72591441	-17.60438793	0.0382881	0.0085384	0.0084607	0.0173605	-17.408385
5925000000	0.157079633	3.141592654	-17.25575585	-20.41819996	-22.12442611	-18.2834032	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.20943951	-3.141592654	-17.25575601	-20.41819982	-22.12442664	-18.28340302	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.20943951	-3.089232776	-18.42838699	-15.26875776	-20.93421008	-24.07754199	0.0143602	0.0297252	0.0080645	0.0039106	-18.534027
5925000000	0.20943951	-3.036872899	-16.11859979	-12.63400509	-19.29897759	-24.65661998	0.0244422	0.0545255	0.0117517	0.0304225	-16.2872772
5925000000	0.20943951	-2.984513021	-17.17086171	-9.390756358	-18.82526633	-15.20623749	0.0191829	0.11506	0.0131061	0.0301562	-13.52849
5925000000	0.20943951	-2.923153143	-25.47158855	-7.057963407	-17.80307693	-12.36718266	0.0028369	0.1968809	0.0165841	0.0579805	-11.638621
5925000000	0.20943951	-2.879793266	-21.20964545	-7.218017774	-15.31564762	-13.1208432	0.0075689	0.1897572	0.029406	0.0487434	-11.619771
5925000000	0.20943951	-2.827433388	-14.3251389	-10.70878192	-13.89810851	-16.58159015	0.0369391	0.0849419	0.0407558	0.0219706	-13.58112
5925000000	0.20943951	-2.775073511	-12.02314893	-14.28358819	-14.45782138	-14.74029555	0.0627603	0.0372942	0.0358276	0.0335715	-13.730092
5925000000	0.20943951	-2.722713633	-11.94009676	-9.646163595	-16.71789755	-11.32454732	0.0639721	0.1084885	0.0212917	0.0377133	-11.744922
5925000000	0.20943951	-2.670353756	-13.4171488	-7.019299608	-20.59585287	-10.92357331	0.0455287	0.1986415	0.008718	0.080843	-10.786632
5925000000	0.20943951	-2.617993878	-16.05757824	-5.992398062	-30.67141287	-12.12321365	0.024788	0.2516287	0.0008568	0.0613308	-10.723655
5925000000	0.20943951	-2.565634	-19.32028172	-5.489658559	-23.15633491	-11.2592121	0.0116942	0.2825102	0.0048347	0.0740805	-10.293398
5925000000	0.20943951	-2.513274123	-16.42112668	-5.494261828	-16.22430196	-9.183794339	0.0227975	0.2822109	0.0238545	0.1206759	-9.492928
5925000000	0.20943951	-2.460914245	-11.00065305	-6.038083747	-13.98521799	-8.329700035	0.0794209	0.2489956	0.0399465	0.1469028	-8.9002878
5925000000	0.20943951	-2.408554368	-8.29263011	-6.878168103	-15.74429234	-8.832453413	0.1481621	0.2052028	0.0348795	0.1308443	-8.8681849
5925000000	0.20943951	-2.35619449	-7.805810287	-8.133200902	-16.94702649	-10.66354058	0.1657368	0.1537021	0.0201975	0.0858313	-9.7319331
5925000000	0.20943951	-2.303834613	-8.288790332	-9.601531797	-17.03124284	-14.40788494	0.1482931	0.1096092	0.0198096	0.0362419	-11.0515492
5925000000	0.20943951	-2.251474735	-7.668388929	-8.975988739	-14.48132922	-17.48404724	0.171065	0.1265905	0.0356342	0.0178482	-10.565823
5925000000	0.20943951	-2.199114858	-5.848236537	-6.671983221	-12.3042491	-12.0108187	0.2601216	0.2151799	0.0582868	0.0629389	-8.2603687
5925000000	0.20943951	-2.14675498	-4.111230888	-5.197368552	-10.51226786	-7.922704349	0.3880404	0.3021782	0.088837	0.1613354	-7.7343461
5925000000	0.20943951	-2.094395102	-2.705741026	-4.729603972	-9.285334696	-5.77623149	0.5363224	0.3365423	0.1178872	0.2644705	-5.0333943
5925000000	0.20943951	-2.042035225	-4.469607603	-4.890381367	-4.67866549	-4.76866549	0.7041981	0.3573051	0.1291106	0.3405128	-4.1704889
5925000000	0.20943951	-1.989675347	-0.636005883	-3.996201672	-9.22597932	-4.053575076	0.8637726	0.3984555	0.1195094	0.3932262	-3.5287051
5925000000	0.20943951	-1.93731547	-2.48053598	-3.819375914	-9.906056568	-3.571884424	0.9444841	0.4150137	0.1021867	0.4393509	-3.2306979
5925000000	0.20943951	-1.884955592	-5.14926584	-4.393291308	-10.17336995	-2.919196618	0.888193	0.3636393	0.0960866	0.5105994	-3.3289312
5925000000	0.20943951	-1.832595715	-4.192225227	-5.386178253	-9.019936684	-1.890795035	0.7092143	0.3892325	0.1253159	0.6470242	-3.5387163
5925000000	0.20943951	-1.780235837	-3.135955623	-5.708207126	-6.824699134	-0.707174899	0.4857406	0.2686453	0.2077448	0.849733	-3.4393445
5925000000	0.20943951	-1.72787596	-5.291892874	-5.228142379	-4.886188526	0.241813284	0.2956723	0.3000446	0.3246244	1.0572588	-3.059215
5925000000	0.20943951	-1.675516082	-7.555728603	-4.954753563	-3.722278829	-2.79647322	0.1755606	0.3195396	0.4243968	1.0802248	-2.7998822
5925000000	0.20943951	-1.623156204	-8.350663175	-5.125373426	-3.179496175	-0.705853608	0.1461954	0.3072293	0.4808951	1.1764822	-2.7761249
5925000000	0.20943951	-1.570796327	-6.095989872	-5.122222269	-2.747626702	-0.447212007	0.2456977	0.3074523	0.5311746	1.108463	-2.6106342
5925000000	0.20943951	-1.518436449	-2.902110229	-4.42427866	-1.965958181	-0.370221924	0.5126122	0.361054	0.6359225	1.0889857	-1.8732483
5925000000	0.20943951	-1.466076572	-0.71231985	-3.37446943	-0.997935955	-0.622378928	0.9394568	0.4597832	0.7947058	1.1540853	-0.7727052
5925000000	0.20943951	-1.413716694	1.602644551	-2.617713971	-0.3264507	0.903890307	1.4463202	0.547304	0.9275864	1.2313173	0.1625822
5925000000	0.20943951	-1.361356817	2.850968197	-2.4652351							

5925000000	0.20943951	1.047197551	-1.168146906	1.498298859	2.04060893	1.006250272	0.7641618	1.4119844	1.5997823	1.2607385	1.0008325
5925000000	0.20943951	1.099557429	-1.593412334	2.018842986	2.260011742	0.633995838	0.6928812	1.5917846	1.6826786	1.1571764	1.0759327
5925000000	0.20943951	1.151917306	-1.71593297	2.07367	1.971653105	0.227567545	0.6736072	1.6120073	1.5745821	1.0537965	0.8937455
5925000000	0.20943951	1.204277184	-1.204991636	1.592118759	1.430772946	0.269080704	0.7577062	1.4428191	1.3902	1.0639187	0.6582639
5925000000	0.20943951	1.256637061	-0.320307947	0.705537246	1.105390559	0.787864463	0.9289005	1.1763965	1.2898495	1.1989096	0.6013631
5925000000	0.20943951	1.308996939	0.388729767	-0.456108426	1.126485335	1.265738829	1.0936365	0.900304	1.2961299	1.3383629	0.6337401
5925000000	0.20943951	1.361356817	0.586415086	-1.932416399	1.079145827	1.294824445	1.1445678	0.6408529	1.2820784	1.3473562	0.4285648
5925000000	0.20943951	1.413716694	0.3033989	-3.948523355	0.503773522	0.846886882	1.0723582	0.402854	1.1229938	1.2153145	-0.207339
5925000000	0.20943951	1.466076572	-0.105991472	-6.589742224	-0.612665044	0.19510774	0.97589	0.2129235	0.8684274	1.0459496	-1.0936098
5925000000	0.20943951	1.518436449	-0.226132017	-8.712698613	-1.705718553	-0.274137682	0.9492635	0.1345025	0.6751933	0.5275923	-1.7105221
5925000000	0.20943951	1.570796327	-0.039542887	-8.195028361	-2.237394517	-0.372840821	0.9909362	0.1515295	0.5973936	0.9177321	-1.7757178
5925000000	0.20943951	1.623156204	0.034260307	-6.441474844	-2.60156632	-0.302293463	1.0079199	0.2269094	0.5493427	0.9327616	-1.6798096
5925000000	0.20943951	1.675516082	-0.353144813	-5.053557394	-3.620684108	-0.426727134	0.9219036	0.312352	0.4344418	0.9064154	-1.9126373
5925000000	0.20943951	1.72787596	-1.074051334	-4.171996922	-5.527573807	-0.901660782	0.780899	0.3826488	0.2800545	0.8125197	-2.486974
5925000000	0.20943951	1.780235837	-1.546190952	-3.671049422	-6.865746835	-1.491257912	0.7004561	0.4294326	0.2057905	0.7093723	-2.9135574
5925000000	0.20943951	1.832595715	-1.471631264	-3.571450872	-6.361471935	-1.761597581	0.7125853	0.4393948	0.2311281	0.6665615	-2.9037609
5925000000	0.20943951	1.884955592	-1.280413957	-4.022382987	-6.022110482	-1.70695428	0.744661	0.3960607	0.2499131	0.6750012	-2.7020621
5925000000	0.20943951	1.93731547	-1.451165734	-5.068531275	-6.911054212	-1.808034779	0.7159512	0.3112769	0.2036548	0.6594722	-3.255166
5925000000	0.20943951	1.989675347	-2.108858549	-6.477646033	-8.539940625	-2.394813502	0.6153386	0.2520274	0.1399606	0.5761272	-4.0992365
5925000000	0.20943951	2.042035225	-2.989140054	-7.822743874	-9.31342313	-3.236400952	0.5024421	0.1650918	0.117124	0.4746352	-5.0193319
5925000000	0.20943951	2.094395102	-3.501884326	-8.834467035	-9.149262627	-3.531210845	0.4464898	0.1307836	0.1216393	0.443485	-5.4424269
5925000000	0.20943951	2.14675498	-3.382700845	-9.55815598	-10.03782358	-3.072095286	0.4589125	0.1107094	0.0991329	0.4929359	-5.3669498
5925000000	0.20943951	2.199114858	-3.190254514	-10.10873777	-12.81293938	-2.777015889	0.4797053	0.0975273	0.0523287	0.5275923	-5.3866898
5925000000	0.20943951	2.251474735	-3.526207718	-10.7015558	-14.7493001	-3.33116763	0.4439962	0.0850833	0.0335019	0.4643904	-5.9050146
5925000000	0.20943951	2.303834613	-4.415917675	-11.76173836	-12.82145945	-4.640251342	0.3617497	0.066654	0.0522221	0.3435381	-6.8604642
5925000000	0.20943951	2.35619449	-5.31830673	-12.78814954	-11.29936615	-5.658482753	0.2938795	0.0526241	0.0741418	0.2717388	-7.6171274
5925000000	0.20943951	2.408554368	-5.82768813	-11.25454907	-11.00803751	-5.612516284	0.2613552	0.0749109	0.079286	0.2746302	-7.5439615
5925000000	0.20943951	2.460914245	-6.065074142	-8.538487173	-11.67515274	-5.703175889	0.2474529	0.1400075	0.0679962	0.2689567	-7.4207354
5925000000	0.20943951	2.513274123	-6.029680912	-7.296764689	-13.45459527	-7.18261522	0.2494778	0.1863475	0.0451378	0.1913104	-7.7451403
5925000000	0.20943951	2.565634	-6.231207534	-8.035781138	-16.14264865	-10.27445527	0.2381657	0.1571889	0.0243072	0.0932476	-8.9148757
5925000000	0.20943951	2.617993878	-7.435235601	-9.55073497	-17.47565368	-11.53386707	0.1804997	0.1108987	0.0178828	0.0724487	-10.228187
5925000000	0.20943951	2.67035176	-8.40005717	-8.68018516	-18.06080441	-8.900708118	0.1445421	0.1355132	0.0156286	0.128804	-9.7419481
5925000000	0.20943951	2.722713653	-7.487385565	-7.188826128	-22.4664825	-7.049504951	0.1783452	0.191037	0.005667	0.1972648	-8.442527
5925000000	0.20943951	2.775073511	-7.179780223	-7.144267445	-29.31327847	-6.523465831	0.1914353	0.1930071	0.0011713	0.2226657	-8.1795686
5925000000	0.20943951	2.827433388	-8.232735896	-8.118753265	-20.02187673	-6.850770077	0.150232	0.1542143	0.0099498	0.2605014	-8.8530777
5925000000	0.20943951	2.87993266	-8.960946192	-9.163841554	-17.86389311	-7.828395692	0.1270297	0.1212316	0.0163535	0.1688771	-9.0910495
5925000000	0.20943951	2.932153143	-9.353017066	-10.09885982	-18.33012408	-9.637517301	0.1160642	0.0977494	0.0146888	0.1087407	-10.741633
5925000000	0.20943951	2.984513021	-10.85634349	-11.41852582	-18.71774482	-12.61268133	0.0821043	0.0721352	0.0134346	0.0547939	-12.547925
5925000000	0.20943951	3.036872899	-12.64537131	-14.18925362	-19.11896651	-16.2918445	0.054383	0.0381131	0.0122491	0.0234864	-14.940652
5925000000	0.20943951	3.089232776	-14.15228061	-20.60912842	-20.72005263	-17.64453854	0.038439	0.0086913	0.0084722	0.0172007	-17.399095
5925000000	0.20943951	3.141592654	-17.25575601	-20.41819982	-22.12442664	-18.28340302	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.20943951	3.141592654	-17.25575601	-20.41819973	-22.12442664	-18.28340322	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.20943951	3.089232776	-18.42353782	-15.23347518	-21.13241489	-23.88174563	0.0143763	0.0296766	0.0077404	0.004091	-18.527995
5925000000	0.20943951	3.036872899	-15.80837114	-12.43273281	-19.71638868	-25.30772287	0.026252	0.0571119	0.0106748	0.002946	-16.153965
5925000000	0.20943951	2.984513021	-16.44006171	-9.034548839	-19.3976351	-15.44388914	0.0226983	0.124895	0.0114878	0.0285503	-13.287543
5925000000	0.20943951	2.932153143	-22.0062884	-6.820126939	-17.8745025	-12.5376747	0.0063004	0.2079636	0.0163136	0.0557986	-11.451723
5925000000	0.20943951	2.879793266	-19.91307025	-7.143037914	-14.97281572	-13.09877434	0.0102022	0.1930617	0.0318213	0.0489917	-11.48624
5925000000	0.20943951	2.827433388	-13.70943256	-10.41126872	-13.50649712	-15.73997137	0.0425654	0.0909647	0.0446016	0.0266688	-12.90769
5925000000	0.20943951	2.775073511	-11.16083071	-12.65208545	-13.92426143	-14.63123445	0.076545	0.054299	0.0405049	0.0344252	-12.8669729
5925000000	0.20943951	2.722713653	-10.73917756	-9.178743922	-15.4626397	-12.22106486	0.0843494	0.1208163	0.0284273	0.0599644	-11.343668
5925000000	0.20943951	2.67035176	-11.97892929	-6.902894891	-17.61784333	-12.40367792	0.0634026	0.2040377	0.0173068	0.0574953	-10.6777297
5925000000	0.20943951	2.617993878	-15.07592747	-5.618408482	-22.734059734	-14.34739673	0.0310747	0.2742579	0.0053284	0.0367053	-10.612161
5925000000	0.20943951	2.565634	-20.88681464	-4.921378155	-20.0928314	-13.73452188	0.008153	0.3220047	0.001991	0.0423202	-10.286442
5925000000	0.20943951	2.513274123	-15.85573706	-5.155452284	-17.28485403	-10.93326255	0.0259673	0.3051088	0.0186859	0.0806299	-9.681626
5925000000	0.20943951	2.460914245	-9.628915219	-6.156993821	-13.93644344	-9.068446556	0.1089202	0.2427005	0.0403976	0.1239126	-8.8983054
5925000000	0.20943951	2.408554368	-6.785937188	-7.216772151	-13.67612954	-8.475878587	0.2096072	0.1898116	0.0428931	0.1424005	-8.3538516
5925000000	0.20943951	2.35619449	-6.095654325	-8.338115583	-15.06020548	-9.35231478	0.2457166	0.1466184	0.0311874	0.116083	-8.6993869
5925000000	0.20943951	2.30834613	-6.414412671	-9.752431403	-15.53301811	-12.34422623	0.2283278	0.1058661	0.0279704	0.0582789	-7.9834358
5925000000	0.20943951	2.251474735	-6.046238346	-9.422826698	-14.4110829	-18.53802366	0.2485285	0.1142135	0.0362153	0.0140022	-9.8615257
5925000000	0.20943951	2.199114858	-4.596071788	-7.191643233	-13.17180805	-16.53512984	0.3470506	0.1909131	0.0481747	0.0222069	-8.1790986
5925000000	0.20943951	2.14675498	-3.169293287	-5.64029014	-11.67757502	-10.98622744	0.4802262	0.2728795	0.0679583	0.0796885	-6.4658913
5925000000	0.20943951	2.094395102	-2.204323731	-5.025516913	-10.16208357	-8.135890354	0.60196	0.3143752	0.0963367	0.1536057	-5.3525758
5925000000	0.20943951	2.042035225	-1.592164791	-4.442345426	-9.19658834	-6.557593357	0.6938002	0.3595551	0.1203209	0.2209229	-4.5783847
5925000000	0.20943951	1.989675347	-1.247658434	-3.564506348	-8.908134027	-5.564013027	0.7502986	0.440098	0.1285839	0.2771142	-3.9883809
5925000000	0.20943951	1.93731547	-1.307808762	-3.080033642	-9.231352555	-4.81011926	0.7399785	0.4920357	0.1193616	0.3303605	-3.7630208
5925000000	0.20943951	1.884955592	-2.009275962	-3.422961245	-9.385899764	-3.903495319	0.6296111	0.4546779	0.1026621	0.4070527	-3.7930762
5925000000	0.20943951	1.832595715	-3.45754488	-4.285650138	-9.62777971	-2.660196416	0.4510716	0.3727649	0.1089487	0.5419764	-4.333818
5925000000	0.20943951	1.780235837	-5.249456622	-4.822818476	-7.63927253	-1.426306401	0.2985756</				

5925000000	0.261799388	0.628318531	-3.500129139	1.167437943	-1.636714419	-2.269271795	0.4466703	1.3084098	0.686007	0.5930248	-1.200284
5925000000	0.261799388	0.680678408	-2.790865811	1.852747042	-1.070409911	-2.419334427	0.5259124	1.5320562	0.781554	0.5728838	-0.6899923
5925000000	0.261799388	0.733038286	-1.715155803	2.267891795	-0.214388106	-1.767276838	0.6737277	1.6857345	0.9518339	0.6656904	-0.0205586
5925000000	0.261799388	0.785398163	-0.866678816	2.513774553	-0.49182772	-0.729084675	0.8190909	1.7839285	1.1199091	0.845457	0.5770276
5925000000	0.261799388	0.837758041	-0.478135775	2.368818716	0.743181979	0.155998233	0.8957492	1.7253685	1.1866379	1.0365728	0.8317359
5925000000	0.261799388	0.890117919	-0.465680602	1.681404381	0.652846225	0.807631725	0.8983218	1.4727887	1.16221	1.204379	0.7350752
5925000000	0.261799388	0.942477796	-0.583434487	0.802487622	0.670492089	1.323728072	0.8742921	1.2029533	1.1669418	1.3563532	0.76074886
5925000000	0.261799388	0.994837674	-0.649765183	0.579547952	1.103716301	1.676943137	0.8610403	1.1427594	1.2893524	1.4712766	0.7595083
5925000000	0.261799388	1.047197551	-0.7083444	1.161841664	0.966790108	1.725409703	0.8495043	1.3067249	1.4780156	1.4877877	1.0738233
5925000000	0.261799388	1.09557429	-0.772305032	1.732703068	1.96047155	1.41976756	0.8370849	1.4902884	1.5705333	1.3866816	1.2095116
5925000000	0.261799388	1.151917306	-0.569155667	1.755195255	1.702454715	0.968041105	0.8771713	1.4980266	1.4799446	1.2496952	1.0592196
5925000000	0.261799388	1.204277184	0.140152026	1.172078392	1.18383766	0.787952705	1.0327976	1.3098086	1.3133599	1.198934	0.8412031
5925000000	0.261799388	1.256637061	1.117628094	0.146560593	0.895487901	1.037600431	1.2934892	1.0343227	1.2289912	1.2698723	0.8158811
5925000000	0.261799388	1.308996939	1.861157233	-1.150882665	0.974219665	1.345660534	1.535026	0.7672055	1.2514744	1.3632203	0.896337
5925000000	0.261799388	1.361356817	2.041453103	-2.767215564	0.979539479	1.305015253	1.6000933	0.5287842	1.2530083	1.3505216	0.7302213
5925000000	0.261799388	1.413716694	1.684533297	-5.009708563	0.431539288	0.840396185	1.4738501	0.3155216	1.10447	1.2134995	0.1150081
5925000000	0.261799388	1.466076572	1.171843123	-8.027206827	-0.68431311	0.186676117	1.3097377	0.1527996	0.8542144	1.0439209	-0.7502685
5925000000	0.261799388	1.518436449	0.994448321	-10.32783732	-1.776628521	-0.290538189	1.2573171	0.0927291	0.6642585	0.9352898	-1.3229766
5925000000	0.261799388	1.570796327	1.221357965	-9.500188342	-2.255953429	-0.387656092	1.3247557	0.121197	0.5948462	0.9146067	-1.3276747
5925000000	0.261799388	1.623156204	1.367882117	-7.726077598	-2.525076529	-0.263497157	1.3702134	0.1688077	0.5591037	0.9411314	-1.1929268
5925000000	0.261799388	1.675516082	0.946499544	-6.468366402	-3.472717817	-0.266167746	1.2435119	0.2255087	0.4494985	0.9405529	-1.458349
5925000000	0.261799388	1.72787596	-0.060388798	-5.6671361	-5.488323854	-0.570326483	0.9861912	0.2711979	0.282597	0.8769349	-2.1879752
5925000000	0.261799388	1.780235837	-1.03648951	-5.209833461	-7.386187281	-0.976701568	0.7876822	0.3013122	0.1825498	0.798601	-2.8605592
5925000000	0.261799388	1.832595715	-1.281188754	-5.248243952	-7.242691758	-1.095270255	0.7445282	0.298659	0.1886822	0.7770793	-2.9908821
5925000000	0.261799388	1.884955592	-1.065347714	-6.025631462	-6.784604579	-0.929683795	0.7824656	0.2497105	0.2096716	0.9272938	-2.9048805
5925000000	0.261799388	1.93731547	-1.086181684	-7.496015194	-7.417969195	-0.94803892	0.7787209	0.1779912	0.1812187	0.803889	-3.1385105
5925000000	0.261799388	1.989675347	-1.588705098	-9.02110956	-8.741910108	-1.521811878	0.6936326	0.1252821	0.1336008	0.7043991	-3.8275986
5925000000	0.261799388	2.042035225	-2.27881301	-9.899869487	-9.354413132	-2.530640183	0.5917233	0.1023324	0.1160269	0.5583877	-4.6582455
5925000000	0.261799388	2.094395102	-2.629045566	-10.34969762	-9.211100119	-3.161003036	0.5458778	0.0922636	0.1199195	0.4829472	-5.0828535
5925000000	0.261799388	2.14675498	-2.582186617	-10.58590857	-10.09234605	-2.87518028	0.5517995	0.0873794	0.0978961	0.5158008	-5.0415195
5925000000	0.261799388	2.199114858	-2.628548077	-10.3280974	-12.96513341	-2.511871191	0.5459403	0.0927236	0.0505227	0.5680806	-5.0515244
5925000000	0.261799388	2.251474735	-3.162001834	-9.93263899	-15.92965769	-2.831989392	0.4828362	0.1015631	0.025529	0.520956	-5.4864179
5925000000	0.261799388	2.303834613	-4.104714208	-10.30085433	-14.20188837	-3.673800726	0.3886231	0.0933071	0.0380024	0.4291607	-6.2475111
5925000000	0.261799388	2.35619449	-4.876597	-11.61909564	-12.02737185	-4.209502139	0.3253421	0.0688796	0.0626993	0.3793585	-6.7970855
5925000000	0.261799388	2.408554368	-5.143860193	-11.62297841	-11.13542037	-4.737070469	0.3059243	0.068818	0.0769942	0.3784662	-6.8529941
5925000000	0.261799388	2.460914245	-5.217838737	-9.293975964	-11.50825357	-4.854679569	0.3007573	0.1176528	0.0760601	0.3269882	-6.9039342
5925000000	0.261799388	2.513274123	-5.222201642	-8.002454235	-13.36514573	-6.812307675	0.3004553	0.1583998	0.0460771	0.2083384	-7.488057
5925000000	0.261799388	2.565634	-5.535402036	-9.108702955	-16.29421702	-10.0886402	0.2795502	0.1227806	0.0234735	0.0979746	-8.8291197
5925000000	0.261799388	2.617993878	-6.884349597	-12.06301127	-17.29356102	-10.9667553	0.2049109	0.0621869	0.0186485	0.0800432	-10.388288
5925000000	0.261799388	2.670383576	-8.346346253	-11.18577411	-17.44150941	-8.453653034	0.1463408	0.0761066	0.0180239	0.1427693	-10.185885
5925000000	0.261799388	2.722713633	-7.748742853	-8.423396225	-21.43911929	-6.74916681	0.167929	0.1437674	0.0071794	0.2113895	-8.7756683
5925000000	0.261799388	2.775073511	-7.346584533	-7.478845792	-3.165318319	-6.301881103	0.184222	0.1786962	0.0006834	0.2343214	-8.254147
5925000000	0.261799388	2.827433388	-8.321461019	-7.825499222	-20.11839193	-6.774242337	0.1471817	0.1649871	0.0079097	0.2011724	-8.7757848
5925000000	0.261799388	2.879793266	-9.073870469	-8.78048461	-18.71669408	-7.93713629	0.1237693	0.1324194	0.0134379	0.1608001	-9.6816081
5925000000	0.261799388	2.932153143	-9.492435256	-9.996726052	-19.31292651	-9.807623746	0.1123975	0.1000754	0.0117141	0.1045292	-10.85239
5925000000	0.261799388	2.984513021	-11.05392557	-11.40404802	-19.62244568	-12.67138553	0.0784526	0.0723671	0.0113182	0.0540582	-12.671941
5925000000	0.261799388	3.036872899	-12.81349134	-14.06368047	-19.42124828	-16.23738301	0.052318	0.0392312	0.0114255	0.0237827	-14.990866
5925000000	0.261799388	3.089232776	-14.14579499	-20.53279303	-22.75056013	-17.68231151	0.0384964	0.0088455	0.0084624	0.0170517	-17.395943
5925000000	0.261799388	3.141592645	-17.25575566	-20.41819973	-22.12442616	-18.28340322	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.314159265	-3.14159265	-17.25575582	-20.41819989	-22.1244265	-18.28340291	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.314159265	-3.089232776	-18.42955197	-15.19738144	-21.34748494	-23.59412678	0.0143564	0.0302177	0.0073325	0.0043711	-18.5172394
5925000000	0.314159265	-3.036872899	-15.53979841	-12.22450325	-20.1801591	-25.89100218	0.0279267	0.0599169	0.0095937	0.0025757	-16.020033
5925000000	0.314159265	-2.984513021	-15.76729456	-8.724580278	-19.97794521	-15.79530453	0.0265015	0.134135	0.0100509	0.0263311	-13.07553
5925000000	0.314159265	-2.932153143	-19.20356278	-6.636681209	-17.81280796	-12.80550008	0.0120128	0.2169361	0.016547	0.0524413	-11.279746
5925000000	0.314159265	-2.879793266	-17.36343034	-7.046967114	-14.56546648	-12.98565858	0.0183509	0.1973801	0.0349505	0.0502738	-11.235581
5925000000	0.314159265	-2.827433388	-12.52900887	-9.826668359	-13.06295126	-14.20681305	0.0558598	0.1040718	0.0493975	0.0379593	-12.088562
5925000000	0.314159265	-2.775073511	-10.13565088	-11.16142376	-13.20012116	-13.08248433	0.0969248	0.0765346	0.0465585	0.0491758	-11.719952
5925000000	0.314159265	-2.722713633	-9.701240726	-8.867424113	-14.27953719	-11.55109038	0.1071213	0.1297949	0.0373287	0.0699666	-10.652346
5925000000	0.314159265	-2.670335765	-11.03491669	-6.976095999	-15.50369675	-11.56013613	0.0787968	0.2006275	0.0281598	0.0892216	-10.255222
5925000000	0.314159265	-2.617993878	-14.63272719	-5.481169335	-18.86573914	-12.46102211	0.0344134	0.283063	0.0129845	0.0567411	-10.141224
5925000000	0.314159265	-2.565634	-21.60061137	-4.69378457	-25.33516098	-12.40345937	0.0069173	0.3393294	0.0029274	0.0574982	-9.9281533
5925000000	0.314159265	-2.513274123	-15.17180817	-5.194604475	-17.83282534	-10.61440582	0.0303962	0.302706	0.0164709	0.086079	-9.6255045
5925000000	0.314159265	-2.460914245	-9.266207795	-6.674940385	-13.7423772	-8.509033587	0.1184075	0.2150334	0.0422437	0.1409602	-8.8886785
5925000000	0.314159265	-2.408554368	-6.60202334	-7.920213758	-12.84315754	-7.335438622	0.1286743	0.1614279	0.0519587	0.1846954	-8.194639
5925000000	0.314159265	-2.35619449	-5.955971032	-8.74648249	-13.53694847	-7.618983408	0.2537482	0.1334602	0.04429	0.1730221	-8.2064898
5925000000	0.314159265	-2.303834613	-6.310674709	-9.901385198	-14.05211917	-9.655765004	0.2338474	0.1022967	0.0393358	0.1082489	-7.145808
5925000000	0.314159265	-2.251474735	-5.99742784	-9.827645506	-13.85909453	-13.99055663	0.2513375	0.1040484	0.0411235	0.0398974	-9.6216849
5925000000	0.314159265	-2.1991148									

5925000000	0.314159265	0.20943951	-18.98310671	-5.378508365	-9.624520388	-5.095912955	0.0126383	0.2898339	0.1090305	0.3093205	-7.4423124
5925000000	0.314159265	0.261799388	-16.8771369	-5.091300153	-8.395692056	-4.351919867	0.0205251	0.3096492	0.1446874	0.36712	-6.7675731
5925000000	0.314159265	0.314159265	-12.09786006	-3.250939488	-6.935922377	-3.85769091	0.0616899	0.4730489	0.2024919	0.4113684	-5.4189151
5925000000	0.314159265	0.366519143	-7.713433625	-1.685219705	-5.477738865	-3.534036231	0.1692999	0.6783878	0.2845952	0.4431966	-0.4064725
5925000000	0.314159265	0.411887902	-5.09359825	-1.329951779	-3.947758304	-3.090665439	0.3094854	0.7362153	0.4004278	0.4008327	-3.1493909
5925000000	0.314159265	0.471238898	-3.8981343	-1.661033249	-2.743229297	-2.464317594	0.4075553	0.6821764	0.5317127	0.5669807	-2.619283
5925000000	0.314159265	0.523598776	-3.565765108	-1.228311489	-2.027553792	-1.963727669	0.4399704	0.7536485	0.6269669	0.6362492	-1.168399
5925000000	0.314159265	0.575958653	-3.499270556	0.199761519	-1.791454856	-1.890792725	0.4467586	1.047071	0.6619947	0.6470245	-1.5446031
5925000000	0.314159265	0.628318531	-3.152228365	1.464421022	-1.639874482	-2.212159655	0.483924	1.4010128	0.685508	0.6008749	-1.0081997
5925000000	0.314159265	0.680678408	-2.270216503	2.151298185	-1.14434772	-2.442756374	0.5928958	1.6410802	0.7683609	0.5698025	-0.4913158
5925000000	0.314159265	0.733038286	-1.132487072	2.43967213	-0.34717994	-2.031695273	0.7704621	1.7537481	0.9231707	0.6263693	0.0793441
5925000000	0.314159265	0.785398163	-0.239112659	2.472743028	0.303903803	-1.114658773	0.9464305	1.7671536	1.0724829	0.7736315	0.5687614
5925000000	0.314159265	0.837758041	0.132899341	2.126388304	0.487313502	-0.152114743	1.0310742	1.6316944	1.1187456	0.9655806	0.7436792
5925000000	0.314159265	0.890117919	0.04277751	1.264456636	0.31723972	0.688084066	1.0098986	1.3379678	1.0757813	1.1716784	0.6025633
5925000000	0.314159265	0.942477796	-0.138439544	0.227282792	0.273354246	1.404661978	0.9686258	1.0537274	1.0649652	1.3818668	0.4816837
5925000000	0.314159265	0.994837674	-0.054468134	-0.027452272	0.699387476	1.92752826	0.9875366	0.9936988	1.1747319	1.5586652	0.7138785
5925000000	0.314159265	1.047197551	0.185207046	0.665507246	1.331644653	2.128261869	1.0435679	1.1656032	1.3588279	1.6323985	1.1397655
5925000000	0.314159265	1.099557429	0.359393228	1.32112299	1.643406247	1.95864135	1.0862738	1.3555399	1.4599589	1.5698716	1.3605786
5925000000	0.314159265	1.151917306	0.621493606	1.371398796	1.16490016	1.55892691	1.15385	1.3713234	1.3856355	1.4318341	1.2569616
5925000000	0.314159265	1.204277184	1.230231757	0.853154487	0.90742768	1.241733682	1.3274653	1.2170697	1.2323747	1.3309856	1.06182
5925000000	0.314159265	1.256637061	2.056280892	0.077908342	0.628246025	1.204191393	1.6055657	1.0181009	1.1556454	1.3195296	1.0541154
5925000000	0.314159265	1.308996939	2.669259075	-0.717097213	0.738868106	1.255880519	1.8489532	0.8477939	1.1854597	1.3353289	1.1540539
5925000000	0.314159265	1.361356817	2.746034523	-1.67817884	0.787393617	1.072070696	1.8819299	0.6794885	1.1987796	1.2799915	1.0038688
5925000000	0.314159265	1.413716694	2.301435472	-3.134686849	0.271023508	0.544464499	1.6988051	0.4858826	1.0643938	1.1335651	0.3967645
5925000000	0.314159265	1.460765752	1.720381029	-5.051930604	0.839099099	-0.157902291	1.486066	0.312469	0.8243091	0.9642947	-0.4731181
5925000000	0.314159265	1.518436449	1.514047941	-6.597777442	-1.941465971	-0.714214825	1.417114	0.2188882	0.6395189	0.8483567	-1.0736595
5925000000	0.314159265	1.570796327	1.768122887	-6.974811466	-2.389663274	-0.895257782	1.5024924	0.2006868	0.5768112	0.8137186	-1.1158053
5925000000	0.314159265	1.623156204	1.981101041	-6.747102532	-2.564552098	-0.789090075	1.5780113	0.21149	0.5540447	0.8338559	-0.9998785
5925000000	0.314159265	1.675161608	1.618321702	-6.46548274	-3.3911456278	-0.721456278	1.4515506	0.2256585	0.4580243	0.8469434	-1.2752661
5925000000	0.314159265	1.72787596	0.582101481	-6.112911204	-5.352036961	-0.895919015	1.1434315	0.2447422	0.2916059	0.8135947	-0.2527252
5925000000	0.314159265	1.780235837	-0.620977525	-5.801894784	-7.604114377	-1.151680416	0.8667668	0.2629121	0.1736155	0.7670646	-0.8601434
5925000000	0.314159265	1.832595751	-1.190275079	-5.922201544	-7.995362716	-1.151356539	0.7602781	0.2557289	0.1585686	0.7671218	-3.1385829
5925000000	0.314159265	1.884955592	-1.116423715	-6.71166769	-7.57370484	-0.941797138	0.7733171	0.2132226	0.1748489	0.8050452	-0.3083064
5925000000	0.314159265	1.93731547	-1.116646666	-7.798221254	-8.013524861	-0.99177466	0.7732774	0.1660267	0.1579965	0.7958341	-3.2487847
5925000000	0.314159265	1.989675347	-1.537775684	-8.298917124	-9.087972546	-1.679792712	0.7018147	0.1479477	0.1233681	0.6792361	-3.8395361
5925000000	0.314159265	2.0420353225	-2.053714471	-8.294766434	-9.590826565	-2.900898706	0.6232016	0.1480892	0.1098797	0.5127445	-4.5782371
5925000000	0.314159265	2.094395102	-2.174473848	-8.650791793	-9.49326685	-3.682532602	0.6061116	0.1364334	0.1123759	0.4782947	-4.9375898
5925000000	0.314159265	2.146759498	-2.06820902	-9.405395649	-10.36169765	-3.22096691	0.6211251	0.1146728	0.092009	0.4623249	-4.8673849
5925000000	0.314159265	2.199114858	-2.263198274	-9.777900596	-13.17206011	-2.503680227	0.5938547	0.1052471	0.0481719	0.561865	-4.8507435
5925000000	0.314159265	2.251474735	-3.002903102	-9.606140839	-16.8281888	-2.391392805	0.5008523	0.1094929	0.0207578	0.5758815	-5.2010649
5925000000	0.314159265	2.303834613	-4.061754603	-9.737347757	-15.70018782	-2.757935651	0.3924863	0.1062344	0.0269142	0.5299153	-5.785811
5925000000	0.314159265	2.35619449	-4.757144016	-10.50532385	-12.90450305	-3.123510641	0.3344149	0.0890159	0.0506477	0.4813436	-6.1924064
5925000000	0.314159265	2.408543668	-4.808330776	-10.41736381	-11.5770183	-3.539876963	0.3304965	0.0908372	0.0695502	0.4426009	-6.3195274
5925000000	0.314159265	2.460914245	-4.693374235	-8.498262618	-11.77036021	-4.656078751	0.3393615	0.1413103	0.0665218	0.3242884	-6.5292286
5925000000	0.314159265	2.513274123	-4.63556496	-7.21635638	-13.7091175	-7.02169831	0.343909	0.1898298	0.0425685	0.1985318	-7.1284847
5925000000	0.314159265	2.565634	-4.949508562	-8.138720565	-16.7320743	-10.1336124	0.3199257	0.1535069	0.0212223	0.0699759	-8.3000918
5925000000	0.314159265	2.617993878	-6.281267218	-11.92582731	-17.30397386	-10.32959316	0.2354362	0.0641826	0.0186038	0.0926917	-9.8830871
5925000000	0.314159265	2.670353756	-7.953951479	-14.3978007	-17.16305167	-8.048652108	0.1601787	0.0363262	0.0192174	0.1567237	-10.309966
5925000000	0.314159265	2.722713633	-7.744816035	-10.4625111	-20.76525493	-6.547481253	0.1680809	0.0898978	0.0083844	0.2124379	-9.1381732
5925000000	0.314159265	2.775073511	-7.424671001	-8.290771789	-29.70071374	-6.199277261	0.1809393	0.1482273	0.0010713	0.2399232	-8.4606234
5925000000	0.314159265	2.824763388	-8.405996774	-7.906190769	-21.78055994	-6.799110118	0.1443445	0.16195	0.0067173	0.2089724	-8.840206
5925000000	0.314159265	2.879793266	-9.181391276	-8.666738494	-19.64687817	-8.087037817	0.1207427	0.1359334	0.0108471	0.1553446	-9.758554
5925000000	0.314159265	2.932351343	-9.619108401	-10.02309848	-25.5267579	-9.953420139	0.1091664	0.0994695	0.0088661	0.1010783	-10.988409
5925000000	0.314159265	2.984513021	-11.25384881	-14.39390094	-20.3444221	-12.68995712	0.074923	0.071791	0.0092376	0.0538275	-12.802979
5925000000	0.314159265	3.036872899	-12.99588231	-13.95895634	-19.76066997	-16.17532288	0.0501663	0.0401887	0.0105665	0.024125	-15.049882
5925000000	0.314159265	3.08923276	-14.14873163	-20.45873836	-20.73951456	-17.71876714	0.0384704	0.0898976	0.0084343	0.0169092	-17.13986
5925000000	0.314159265	3.141592654	-17.25575582	-20.41819989	-22.1244265	-18.28340291	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.314159265	3.19459265	-17.25575595	-20.41819989	-22.12442603	-18.283403	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.366519143	-3.141592654	-17.25575595	-20.41819989	-22.12442603	-18.283403	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.366519143	-3.089232776	-18.4489341	-15.16094011	-21.57907985	-23.22965405	0.0142924	0.0304724	0.0069517	0.0047537	-18.502403
5925000000	0.366519143	-3.036872899	-15.31579817	-12.01868148	-20.69132699	-26.27186079	0.0294049	0.0628249	0.0085284	0.0023595	-15.887268
5925000000	0.366519143	-2.984513021	-15.17203568	-8.464437539	-20.55045033	-16.25072989	0.0303946	0.1424152	0.0080896	0.0237098	-12.896095
5925000000	0.366519143	-2.932153143	-17.10492328	-6.505433913	-17.6378101	-13.17298517	0.0194764	0.2235922	0.0172274	0.0401617	-11.28645
5925000000	0.366519143	-2.879793266	-15.1464924	-6.936631061	-14.11830787	-12.82048676	0.0305739	0.2024589	0.0387409	0.0522338	-10.91505
5925000000	0.366519143	-2.824763388	-11.35486389	-9.125788419	-12.57484133	-12.69412268	0.0732004	0.2252985	0.0552732	0.0537759	-11.84042
5925000000	0.366519143	-2.775073511	-9.29251929	-9.95353419	-12.67341435	-11.27566372	0.1176923	0.1010752	0.0540329	0.0745321	-10.61345
5925000000	0.366519143	-2.722713633	-9.022710832	-8.701263982	-13.26508323	-9.981996733	0.1252359	0.134857	0.0471511	0.1004514	-9.9716249
5925000000	0.366519143	-2.670353756	-1								

5925000000	0.366519143	-0.20943951	-6.329909022	-15.78882883	-6.93738484	-8.706738869	0.232814	0.0263704	0.2024238	0.1346871	-8.2659858
5925000000	0.366519143	-0.157079633	-5.875128389	-14.80380048	-9.591153987	-10.26234748	0.2585158	0.0330841	0.1098714	0.0941381	-9.0692042
5925000000	0.366519143	-0.104719755	-6.361216845	-16.06183286	-11.69893037	-12.08907963	0.2311417	0.0247638	0.067625	0.0681847	-10.162101
5925000000	0.366519143	-0.052359878	-6.718142603	-16.98841151	-12.06795626	-11.11932351	0.2129049	0.0200059	0.0621161	0.0772801	-10.311587
5925000000	0.366519143	-4.44E-16	-6.963298573	-12.77767625	-11.03294122	-8.622648227	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984777
5925000000	0.366519143	0.052359878	-8.361273241	-8.813667062	-10.05194789	-7.048034259	0.1458387	0.1376047	0.098811	0.1973316	-8.9834216
5925000000	0.366519143	0.104719755	-11.91662736	-6.08301923	-9.8077995	-6.34483384	0.0643187	0.2464326	0.1045523	0.2201513	-7.9096391
5925000000	0.366519143	0.157079633	-17.24602456	-5.140131434	-10.04402672	-5.867559738	0.0188537	0.3061871	0.0989914	0.2589668	-7.6763996
5925000000	0.366519143	0.20943951	-18.82283833	-5.355189248	-9.781136416	-5.219985811	0.0131134	0.2913943	0.1051687	0.3006086	-7.5062734
5925000000	0.366519143	0.261799388	-17.21235023	-4.980052455	-8.673056843	-4.556381684	0.0190005	0.3176836	0.1357358	0.3002686	-6.8684136
5925000000	0.366519143	0.314159265	-12.08869713	-3.023698523	-7.282166999	-4.11584783	0.0618202	0.4984598	0.1869749	0.3876281	-5.4710892
5925000000	0.366519143	0.366519143	-7.564172593	-1.392431427	-5.749974558	-3.8217995	0.1752196	0.7256996	0.2660741	0.2477821	-4.0291518
5925000000	0.366519143	0.41887902	-5.050929082	-1.00210271	-4.121415014	-3.388961963	0.3125411	0.7939437	0.3871315	0.4582514	-3.1160961
5925000000	0.366519143	0.471238898	-4.010242986	-1.365595812	-2.744503444	-2.734712913	0.3971693	0.7301976	0.5315568	0.5327564	-2.6128281
5925000000	0.366519143	0.523598776	-3.70730541	-1.062452683	-1.935628402	-2.132774319	0.4258626	0.7829873	0.6403791	0.6119593	-2.1095154
5925000000	0.366519143	0.575958653	-3.44119633	0.286311607	-1.667561975	-1.889375408	0.4527728	1.0681473	0.6811516	0.6472357	-1.4732067
5925000000	0.366519143	0.628318531	-2.828037908	1.520752541	-1.5420002	-2.054597008	0.5214302	1.4193034	0.7011323	0.623075	-0.8818466
5925000000	0.366519143	0.680678408	-1.802254316	2.128611261	-1.110580042	-2.333344466	0.6603506	1.6325298	0.7743583	0.5843399	-0.3957933
5925000000	0.366519143	0.733038286	-0.606169483	2.286952643	-0.383206260	-2.265876183	0.8697272	1.6931493	0.9155443	0.5934886	0.0773812
5925000000	0.366519143	0.785398163	0.297430471	2.242060171	0.20459016	-1.712688476	1.0708855	1.6757376	1.0477216	0.6741106	0.4809743
5925000000	0.366519143	0.837758041	0.605450609	1.926404648	0.313212154	-0.888438226	1.1495955	1.5582619	1.0747841	0.8149973	0.6047486
5925000000	0.366519143	0.890117919	0.400949122	1.125933881	0.057355159	0.025357797	1.0967179	1.2959653	1.0132941	1.0058559	0.425591
5925000000	0.366519143	0.942477796	0.189660644	0.088201652	-0.061901353	0.913537709	1.0446386	1.0205168	0.9858478	1.2341097	0.2990228
5925000000	0.366519143	0.994837674	0.420825794	-0.14367933	0.3971975	1.622040115	1.1017488	0.9674579	1.0813636	1.4527939	0.1610153
5925000000	0.366519143	0.104719755	0.835837478	0.702651683	0.999717088	2.000922755	1.2122264	1.1756151	1.2588434	1.58523	1.6600608
5925000000	0.366519143	0.109557429	1.055011916	1.531156237	1.35652354	2.000527899	1.2749736	1.4227075	1.3666344	1.5805089	1.4994244
5925000000	0.366519143	0.151917306	1.193423197	1.777764322	1.160758852	1.727418997	1.3162619	1.5058317	1.3063991	1.4884762	1.4744203
5925000000	0.366519143	0.1204277184	1.563640034	1.618757339	0.652204448	1.413249287	1.4333888	1.4516962	1.1620383	1.3846019	1.328778
5925000000	0.366519143	0.1256637061	2.141018502	1.455744531	0.354875319	1.223662436	1.6372004	1.3982166	1.0851147	1.3254588	1.3401689
5925000000	0.366519143	1.30896939	2.560324676	1.364250618	0.46420191	1.069121334	1.8031525	1.3690861	1.1128079	1.2791225	1.4333892
5925000000	0.366519143	1.31356817	2.506109469	0.998624238	0.573185294	0.727721668	1.7807828	1.2585267	1.1316667	1.1824211	1.2656948
5925000000	0.366519143	1.413716694	1.982638679	0.072921004	0.051404991	0.102382615	1.5785701	1.0169324	1.0119068	1.0238455	0.6363953
5925000000	0.366519143	1.466076572	1.367024136	-1.299954492	-1.045441068	-0.680629272	1.3699427	1.0714318	0.7860604	0.8549428	-0.2776661
5925000000	0.366519143	1.518436449	1.156475914	-2.613679814	-2.160806476	-1.342212299	1.3051114	0.5478126	0.6080221	0.7341398	-0.9757745
5925000000	0.366519143	1.570796327	1.426005059	-3.516222693	-2.600247322	-1.647269234	1.3886746	0.4450182	0.5495096	0.6843418	-1.1526916
5925000000	0.366519143	1.623156204	1.685248593	-4.253698997	-2.697911489	-1.632601029	1.4740929	0.3755174	0.5372901	0.6866572	-1.1442862
5925000000	0.366519143	1.675516082	1.418326925	-5.004167935	-3.385479648	-1.58995183	1.3862217	0.3159244	0.458619	0.6934495	-1.4657336
5925000000	0.366519143	1.72787596	0.531479446	-5.461966077	-5.183603741	-1.716039481	1.1301809	0.2843174	0.3031375	0.6735907	-2.234393
5925000000	0.366519143	1.780235837	-0.543368184	-5.575845136	-7.527040711	-1.8594805	0.8823953	0.276959	0.1767242	0.6517063	-0.3069063
5925000000	0.366519143	1.832595715	-1.139292077	-5.919262787	-8.458752984	-1.762927976	0.7692558	0.259902	0.1426017	0.6663574	-0.3863298
5925000000	0.366519143	1.884955592	-1.196688026	-6.864015144	-8.26164226	-1.576445875	0.7591563	0.2058726	0.149223	0.6959333	-3.4441856
5925000000	0.366519143	1.93731547	-1.323382378	-7.957586906	-8.61929146	-1.765675978	0.7373298	0.1600447	0.1374292	0.6659359	-3.7142218
5925000000	0.366519143	1.989675347	-1.832538602	-8.251740718	-9.527228861	-2.645530743	0.6557618	0.1495636	0.1115006	0.5438097	-3.751808
5925000000	0.366519143	2.042053225	-2.306909386	-8.082212089	-9.969763131	-3.976006741	0.5879076	0.1555173	0.1006987	0.4003172	-0.0708734
5925000000	0.366519143	2.094395102	-2.260756776	-8.475972014	-9.922462817	-4.483011027	0.5941886	0.1420374	0.1018014	0.3562041	-5.2497146
5925000000	0.366519143	2.14675498	-2.067763531	-9.511121882	-10.07392007	-3.505928483	0.6211888	0.1119149	0.0843473	0.4460742	-5.0047608
5925000000	0.366519143	2.199114858	-2.319462618	-10.44099807	-13.29768835	-2.40790866	0.5862107	0.0903442	0.0467984	0.574393	-4.888702
5925000000	0.366519143	2.251474735	-3.182636372	-10.69539876	-17.07239511	-1.987840873	0.4805475	0.085204	0.0196228	0.6327623	-5.163768
5925000000	0.366519143	2.303834613	-4.337689036	-10.41004834	-16.96352732	-2.16460561	0.3683249	0.0909903	0.0201126	0.6074904	-5.6586313
5925000000	0.366519143	2.35619449	-4.993724941	-9.866024527	-13.91399339	-2.690303921	0.316685	0.103133	0.040607	0.5382321	-6.0264361
5925000000	0.366519143	2.408554368	-4.854666467	-8.802789097	-12.2256817	-3.607939969	0.3269892	0.131741	0.0599907	0.5371185	-6.2235259
5925000000	0.366519143	2.460914243	-4.530898471	-7.087828887	-12.39356552	-5.242081521	0.352298	0.1955317	0.0576293	0.2990831	-6.4563123
5925000000	0.366519143	2.513274125	-4.358664819	-5.890012071	-14.4771808	-7.724163902	0.3665502	0.2576314	0.0356683	0.1688821	-6.6361683
5925000000	0.366519143	2.565634	-4.629416437	-6.375481373	-17.45462203	-9.916265302	0.3443962	0.2303838	0.0179696	0.1019468	-7.60265
5925000000	0.366519143	2.617993878	-5.871697516	-9.352126172	-17.5502668	-9.502270192	0.2587201	0.116088	0.0175782	0.1121432	-8.991734
5925000000	0.366519143	2.670353756	-7.477532487	-14.77224702	-17.32119808	-7.746929362	0.1875503	0.0332254	0.0185302	0.1679991	-10.015172
5925000000	0.366519143	2.722713633	-7.484978363	-13.03442982	-20.70547201	-6.521093476	0.1784441	0.049723	0.0085007	0.2227874	-9.3981689
5925000000	0.366519143	2.775073511	-7.349350131	-9.478823555	-27.36512935	-6.263069899	0.1841047	0.1127503	0.0018344	0.2364428	-8.7361352
5925000000	0.366519143	2.827433388	-8.435829937	-8.300940905	-22.03834244	-6.937742739	0.1433564	0.14788	0.0062541	0.2204071	-9.0317894
5925000000	0.366519143	2.879793266	-9.267776188	-8.781968018	-20.5846721	-8.261488978	0.1183647	0.1323742	0.0087404	0.1492283	-9.9064728
5925000000	0.366519143	2.932153143	-9.728646994	-10.14597268	-21.95764139	-10.05254439	0.1064475	0.0966947	0.0063714	0.0987791	-11.13071
5925000000	0.366519143	2.984513021	-11.45098204	-11.49841227	-21.35155454	-12.6655472	0.0715981	0.0708205	0.0073256	0.0501309	-12.926957
5925000000	0.366519143	3.036872899	-13.18858483	-13.86636462	-20.12834449	-16.11161357	0.047989	0.0410548	0.0097088	0.0244815	-15.113292
5925000000	0.366519143	3.089232776	-14.15993047	-20.38815126	-20.76186486	-17.75496935	0.0383713	0.009145	0.008391	0.0167688	-17.406678
5925000000	0.366519143	3.141592654	-17.25575595	-20.41819989	-22.12442603	-18.2834033	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.366519143	3.141592654	-17.2557559	-20.41819989	-22.12442594	-18.28340332	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.41887902	-3.141592654	-17.2557559	-20.41819989	-22.12442594	-18.28340332	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.41887902	-3.089232776									

5925000000	0.41887902	-0.628318531	-0.559229854	-7.048652334	-1.270733625	-2.450710695	0.8791784	0.1973035	0.7463227	0.5687598	-2.2337791
5925000000	0.41887902	-0.575985653	-1.645906148	-7.304935813	-1.263241062	-1.789472903	0.6845566	0.1859972	0.7476114	0.6622969	-2.4403714
5925000000	0.41887902	-0.523598776	-2.64346536	-8.328704714	-1.88982228	-1.549210846	0.5440684	0.1469364	0.6471691	0.6999692	-2.9282532
5925000000	0.41887902	-0.471238898	-2.929543654	-8.20552169	-2.805086691	-1.99534119	0.5093844	0.1042185	0.5241931	0.6316364	-3.5422646
5925000000	0.41887902	-0.388955651	-3.388955651	-11.58104992	-3.318711339	-3.250491431	0.4582521	0.0694856	0.4657243	0.4730977	-4.3576605
5925000000	0.41887902	-0.366519143	-5.046817278	-13.63040398	-3.358374964	-5.203927201	0.3128371	0.0433471	0.4614902	0.3017222	-5.5307601
5925000000	0.41887902	-0.314159265	-7.605748332	-16.30109315	-3.617724542	-7.197766636	0.1735502	0.0234364	0.4347361	0.1906441	-6.869944
5925000000	0.41887902	-0.261799388	-7.889501034	-18.19857029	-4.709814104	-8.316962764	0.1625736	0.0151406	0.3380793	0.1473343	-7.8046282
5925000000	0.41887902	-0.20943951	-6.266841588	-16.18639013	-6.807657113	-9.050022326	0.2362196	0.0240636	0.2085616	0.1244508	-8.2878889
5925000000	0.41887902	-0.157079633	-5.755720458	-14.81451081	-9.486140884	-10.59226045	0.2657223	0.0330027	0.1125605	0.0782517	-9.043625
5925000000	0.41887902	-0.104719755	-6.303280998	-16.09921104	-11.63180244	-12.44332409	0.2342458	0.0245515	0.0686783	0.0569728	-10.172218
5925000000	0.41887902	-0.052359878	-6.710071733	-17.11605558	-12.0471537	-11.26621927	0.213301	0.0194265	0.0624144	0.0747099	-10.340323
5925000000	0.41887902	-4.44E-16	-6.963298959	-12.77767638	-10.2394216	-8.622648665	0.2012195	0.0527512	0.0788326	0.1373204	-9.298478
5925000000	0.41887902	0.052359878	-8.462258138	-8.639124194	-10.07065645	-6.99725286	0.1424867	0.1368005	0.0983862	0.1996525	-8.4063899
5925000000	0.41887902	0.104719755	-12.27312574	-6.10556699	-9.874353244	-6.301976122	0.0592499	0.2451564	0.1029354	0.2343162	-7.9475643
5925000000	0.41887902	-0.157079633	-17.5887857	-5.132421499	-10.16398641	-5.898818866	0.0174229	0.3067311	0.0962945	0.2571095	-7.7111349
5925000000	0.41887902	0.20943951	-18.65113874	-5.30658454	-9.970057075	-5.361169756	0.0136423	0.2946738	0.1006918	0.2909393	-7.569618
5925000000	0.41887902	0.628318531	-17.61168248	-4.841838311	-8.973099212	-1.784771263	0.0173313	0.3279564	0.1266748	0.3318677	-6.8989565
5925000000	0.41887902	0.314159265	-12.17697103	-2.798641926	-7.657095757	-4.404023839	0.0605763	0.5249716	0.1715104	0.3627418	-5.5291948
5925000000	0.41887902	0.366519143	-7.529905718	-1.124098598	-6.07816525	-4.129076026	0.1766076	0.7719517	0.2467081	0.3864492	-4.029313
5925000000	0.41887902	0.41887902	-5.095448452	-0.714816356	-4.303764971	-3.692152599	0.3093536	0.8482392	0.3712133	0.4273551	-3.1065625
5925000000	0.41887902	0.417238898	-4.180298484	-1.131650424	-2.773651273	-2.993587115	0.381918	0.7706106	0.5280012	0.5019278	-2.6311418
5925000000	0.41887902	0.523598776	-3.923187033	-0.994427118	-1.851901373	-2.269301167	0.4052111	0.7953482	0.6528447	0.5930207	-2.1352815
5925000000	0.41887902	0.575985653	-3.532842726	0.227876989	-1.517902018	-1.827494859	0.4433184	1.0538716	0.7050336	0.6565239	-1.4588421
5925000000	0.41887902	0.628318531	-2.729707265	1.383498445	-1.376096959	-1.784771263	0.5333708	1.3751493	0.7284387	0.6630143	-0.8354959
5925000000	0.41887902	0.680678408	-1.584137525	1.890299329	-0.973746582	-2.007525079	0.6943625	1.5453609	0.7991445	0.6298565	-0.3754388
5925000000	0.41887902	0.733038286	-0.352898423	2.008970905	-0.296344153	-2.217363472	0.9219559	1.5881704	0.9340402	0.6001553	-0.5727162
5925000000	0.41887902	0.785398163	0.518456895	2.143444552	-0.237794753	-2.185697327	1.126797	1.6381153	1.056281	0.6045473	0.4392596
5925000000	0.41887902	0.837758041	0.737138592	2.171813993	0.291835133	-1.801224254	1.1849877	1.648851	1.0695067	0.6605702	0.5727162
5925000000	0.41887902	0.890117919	0.429912595	1.670489769	-0.037468804	-1.050006839	1.1040564	1.4690919	0.9913005	0.7852344	0.3639764
5925000000	0.41887902	0.942477796	0.204051517	0.74457825	-0.240796807	-0.089924249	1.0481059	1.1870194	0.9460697	0.9795071	0.1710662
5925000000	0.41887902	0.994837674	0.526287503	0.476366917	0.107026927	0.793297008	1.1288305	1.1159293	1.02495	1.2004103	0.4825921
5925000000	0.41887902	1.014719755	0.995488074	1.364882854	0.764944179	1.369397651	1.2576182	1.3926275	1.1925989	1.3706916	1.1312211
5925000000	0.41887902	1.099557429	1.146386472	2.31718258	1.150428057	1.570233492	1.3020829	1.704976	1.3032952	1.4355666	1.5729964
5925000000	0.41887902	1.151917306	1.084773705	2.738080604	0.981519533	1.496497618	1.2837409	1.8784864	1.2535797	1.4113989	1.6340037
5925000000	0.41887902	1.204277184	1.169495442	2.854260476	0.469240038	1.341885539	1.3090298	1.9294168	1.1140996	1.3620358	1.5492448
5925000000	0.41887902	1.256637061	1.461909787	3.040256196	0.132226476	1.220830012	1.4002029	2.013843	1.0309145	1.3245947	1.5908234
5925000000	0.41887902	1.308996939	1.655485439	3.22788538	0.204294624	1.048098586	1.4640252	2.1027543	1.0481645	1.2729456	1.6789967
5925000000	0.41887902	1.361356817	1.454029064	3.017181724	0.273475319	0.650322451	1.3976644	2.0031717	1.0649949	1.1615349	1.4824516
5925000000	0.41887902	1.413716694	0.861589973	2.179507557	-0.19073803	-0.030804052	1.219436	1.6517745	0.9570314	0.9929322	0.8010429
5925000000	0.41887902	1.466076572	0.237378582	0.870512457	-1.268334886	-0.846569307	1.0561798	1.2219438	0.746735	0.8228924	-0.1685302
5925000000	0.41887902	1.518436449	-0.444341321	-2.395399629	-1.511603744	-1.511603744	1.0071175	0.9027466	0.5760498	0.7060568	-0.9800109
5925000000	0.41887902	1.570796327	0.281780242	-1.487043251	-2.851099445	-1.822565786	1.0670334	0.710061	0.5186687	0.6572696	-1.3179175
5925000000	0.41887902	1.623156204	0.534322325	-2.551927746	-2.903138373	-1.862725378	1.1309209	0.5556576	0.5124909	0.6521294	-1.471711
5925000000	0.41887902	1.675516082	0.345983732	-3.916772278	-3.58886647	-1.910360769	1.082925	0.40581	0.4509323	0.6441158	-1.8980394
5925000000	0.41887902	1.72787596	-0.307775999	-5.190288592	-5.040029622	-2.092498209	0.9315848	0.3026712	0.3132976	0.617661	-2.6655905
5925000000	0.41887902	1.780235837	-1.009906978	-5.884670788	-7.267037921	-2.224884114	0.7925183	0.2579484	0.1876274	0.5991169	-3.3790094
5925000000	0.41887902	1.832595715	-1.295684622	-6.593663646	-8.588756847	-2.148466073	0.7420472	0.2199056	0.1383962	0.6097522	-3.6924392
5925000000	0.41887902	1.884955592	-1.28989554	-8.160179177	-8.767539774	-2.11602715	0.743037	0.1527503	0.1328147	0.6143227	-3.8644207
5925000000	0.41887902	1.93731547	-1.55223505	-10.583223	-9.177903481	-2.539979916	0.6994819	0.0874335	0.1208397	0.5571883	-4.3623914
5925000000	0.41887902	1.98675347	-2.270142897	-12.12166828	-9.95741879	-3.56983132	0.5929058	0.0613526	0.1000981	0.4395587	-5.505865
5925000000	0.41887902	2.042035225	-2.865094081	-11.66278498	-10.40014564	-4.678595107	0.5170001	0.0681901	0.091198	0.3405183	-5.9477885
5925000000	0.41887902	2.094395102	-2.7840123	-11.14388209	-10.3894724	-4.581407607	0.526743	0.0768443	0.0914224	0.3482244	-5.8717781
5925000000	0.41887902	2.14675498	-2.542106644	-11.14285784	-11.09664346	-3.329489456	0.5569156	0.0768624	0.0776847	0.4645699	-5.3164063
5925000000	0.41887902	2.199114858	-2.788143612	-11.68295991	-13.25102845	-2.236973849	0.5262422	0.0678741	0.0473039	0.5974514	-5.0903369
5925000000	0.41887902	2.251474735	-3.664284941	-12.86003913	-16.74191298	-1.846203294	0.430102	0.0517602	0.0211743	0.6537018	-5.3882487
5925000000	0.41887902	2.308384613	-4.849558616	-12.61515385	-17.8004052	-2.147132292	0.327374	0.0547627	0.0165943	0.6099395	-5.9831068
5925000000	0.41887902	2.35619449	-5.512840405	-10.23786441	-14.75924787	-3.057362988	0.2810062	0.0946703	0.0334239	0.4946109	-6.4603027
5925000000	0.41887902	2.408554368	-5.235157418	-8.076943232	-12.92296759	-4.569322812	0.2995602	0.1557061	0.0510156	0.3491948	-6.6985175
5925000000	0.41887902	2.460914245	-6.84484385	-6.354841904	-13.24020843	-6.585611092	0.3400569	0.2314812	0.0474219	0.2195022	-6.7857648
5925000000	0.41887902	2.513274123	-4.36357685	-5.163973192	-15.61606925	-8.447603365	0.3661359	0.3045108	0.0274406	0.1429683	-6.7723532
5925000000	0.41887902	2.565634	-4.589979543	-5.227051956	-18.47674051	-9.113136781	0.3475378	0.3001199	0.0142012	0.1226553	-7.0476816
5925000000	0.41887902	2.617993876	-5.743139476	-7.265699134	-18.11404896	-8.63435957	0.2664932	0.1876852	0.0154381	0.1369506	-8.191811
5925000000	0.41887902	2.670353758	-7.115120019	-11.78740692	-18.01474758	-7.638231699	0.1943068	0.0662612	0.0157952	0.172257	-9.501817
5925000000	0.41887902	2.722713633	-7.089777011	-10.26678658	-21.3740593	-6.727586246	0.1954443	0.0374388	0.0072878	0.2124425	-9.4633269
5925000000	0.41887902	2.775073511	-7.123693928	-10.74437272	-25.7431611	-6.516071477	0.1939236	0.0842486	0.0026649	0.2230452	-8.997309
5925000000	0.41887902	2.827433388	-8.377913052	-8.920930123	-21.94750193	-7.181336316	0.145281	0.1282056	0.0063863	0.1913668	-9.2881814
5925000000	0.41887902	2.879793266	-9.314968072	-9.061170538	-21.39270042	-8.431609833					

5925000000	0.471238898	-1.047197551	-2.45747254	-1.880564724	0.113272913	1.043823185	0.567875	0.6485501	1.0264252	1.2716931	-0.5619108
5925000000	0.471238898	-0.994837674	-0.768840698	-2.033707379	-0.72010326	1.267230771	0.8377529	0.6260792	0.8472073	1.3388227	-0.3978354
5925000000	0.471238898	-0.942477796	-0.837593923	-2.324863843	-1.0084062	1.077844075	1.2126513	0.5854821	0.7927922	1.2816942	-0.1405513
5925000000	0.471238898	-0.890117919	-1.312646073	-2.725593275	-0.914575383	0.293149003	1.3528966	0.5338763	0.8101071	1.0698303	-0.2609776
5925000000	0.471238898	-0.837758041	-0.64918588	-3.675802352	-1.063832875	-1.082694394	1.1612309	0.4289629	0.7827385	0.7793464	-1.0343534
5925000000	0.471238898	-0.785398163	-0.44115558	-5.377250682	-1.616051449	-2.61719837	0.9034091	0.2899178	0.6899287	0.5479337	-2.1635734
5925000000	0.471238898	-0.733038286	-0.775526068	-7.061162263	-2.054739399	-3.267445231	0.8364643	0.196736	0.6230545	0.4712545	-2.7418854
5925000000	0.471238898	-0.680678408	-0.538699918	-7.565030989	-1.855370928	-2.704700957	0.8833443	0.175185	0.6523233	0.5364508	-2.5039828
5925000000	0.471238898	-0.628318531	-0.849348891	-7.660574011	-1.35841759	-1.846995766	0.8223659	0.1713731	0.7314055	0.6535825	-2.2571538
5925000000	0.471238898	-0.575958653	-1.905183583	-8.395036218	-1.229638175	-1.356793858	0.6448841	0.1447093	0.7534183	0.731679	-2.4513764
5925000000	0.471238898	-0.523598776	-2.790430632	-9.69484425	-1.713554494	-1.455736725	0.5259651	0.1072792	0.6739762	0.7151981	-2.9618895
5925000000	0.471238898	-0.471238898	-2.817613825	-11.10250931	-2.493068996	-2.276096226	0.5226833	0.0775799	0.5632395	0.5920936	-3.5765334
5925000000	0.471238898	-0.41887902	-3.040453577	-12.45218261	-2.977206137	-3.896607395	0.4965405	0.0568567	0.5038246	0.4676986	-4.3624596
5925000000	0.471238898	-0.366519143	-4.56721061	-14.00556934	-3.100440106	-6.102066072	0.3493646	0.0397597	0.4897292	0.2453541	-5.5121345
5925000000	0.471238898	-0.314159265	-7.258531105	-16.56814531	-3.445626889	-7.964780826	0.1879953	0.0220387	0.4523112	0.1597798	-6.8712218
5925000000	0.471238898	-0.261799388	-7.88541753	-19.12409941	-4.579989803	-8.676463283	0.1627265	0.0512346	0.3483381	0.1356293	-7.8322165
5925000000	0.471238898	-0.20943951	-6.211648412	-16.63696667	-6.697597029	-9.24717508	0.2392408	0.0216922	0.2139145	0.1189276	-8.2843806
5925000000	0.471238898	-0.157079633	-5.650479176	-14.84191616	-9.401997735	-10.85132751	0.2722401	0.0327951	0.1147626	0.0821991	-9.0135901
5925000000	0.471238898	-0.104719755	-6.251419135	-16.12197167	-11.57816549	-12.77048288	0.2370599	0.0244232	0.0695318	0.0528386	-10.178944
5925000000	0.471238898	-0.052359878	-6.703058374	-17.22112945	-12.02835088	-11.40114339	0.2136457	0.0189621	0.0626852	0.0724245	-10.365456
5925000000	0.471238898	-4.44E-16	-6.96329882	-12.77767665	-11.03294146	-8.622648455	0.2012195	0.0527512	0.0788326	0.1373204	-9.298478
5925000000	0.471238898	0.052359878	-8.558230947	-8.671008376	-10.09801247	-6.948018274	0.1393724	0.1357998	0.0977685	0.2019288	-8.4249075
5925000000	0.471238898	0.104719755	-12.61514052	-6.131942697	-9.967535195	-6.257537517	0.0547628	0.2436721	0.1007503	0.2367262	-7.9866359
5925000000	0.471238898	0.157079633	-17.85606598	-5.117612259	-10.3265208	-5.92891712	0.016383	0.3077789	0.092763	0.2553338	-7.745236
5925000000	0.471238898	0.20943951	-18.46249811	-5.233906995	-10.1935326	-5.510913122	0.0142479	0.2996466	0.0956416	0.281131	-6.727913
5925000000	0.471238898	0.261799388	-18.03189345	-4.684419305	-9.293494459	-5.04194597	0.015733	0.340062	0.1176659	0.3131882	-7.0627898
5925000000	0.471238898	0.314159265	-12.3876588	-2.587315909	-8.056425056	-4.705081138	0.0577077	0.5511482	0.1564435	0.3384479	-5.591903
5925000000	0.471238898	0.366519143	-7.633613787	-0.892337197	-6.444712672	-4.429149057	0.1724402	0.814266	0.2267403	0.3606493	-4.0502883
5925000000	0.471238898	0.41887902	-5.246123567	-0.480016923	-4.566709177	-3.965036125	0.2988049	0.8953613	0.35183	0.4013252	-3.1262327
5925000000	0.471238898	0.471238898	-4.430891194	-0.963904212	-2.859268045	-3.2107727	0.3605047	0.8009577	0.5176941	0.4774493	-2.6828923
5925000000	0.471238898	0.523598776	-4.262368169	-1.004649084	-1.819316063	-2.364860674	0.3747686	0.7934784	0.6577614	0.5801428	-2.2074214
5925000000	0.471238898	0.575958653	-3.847689715	0.081199876	-1.399782561	-1.725727888	0.44123168	0.1018878	0.2744722	0.6720897	-1.5061875
5925000000	0.471238898	0.628318531	-2.914083717	1.156806747	-1.08213347	-1.446783226	0.5112009	1.3051208	0.7571443	0.716674	-0.8483372
5925000000	0.471238898	0.680678408	-1.665858754	1.6023686	-0.79501922	-1.491911512	0.6814188	1.4462283	0.8327182	0.7092655	-0.3743761
5925000000	0.471238898	0.730388286	-0.432984874	1.844274104	-0.131163422	-1.736615845	0.9051103	1.5297002	0.97025	0.7604068	0.0805028
5925000000	0.471238898	0.785398163	0.366974809	2.413277824	0.384744562	-2.043362225	1.0881718	1.743122	1.0926334	0.6246889	-0.5851929
5925000000	0.471238898	0.837578041	0.487946445	2.925427355	0.419249313	-2.198636072	1.1189087	1.9612942	1.1013489	0.6027489	-0.7758047
5925000000	0.471238898	0.890117919	0.106257523	2.714070303	0.054250425	-1.917656818	1.0247685	1.8681297	1.01257	0.6430346	0.5580847
5925000000	0.471238898	0.942477796	-0.114671106	1.802955667	-0.21335545	-1.149877155	0.9739415	1.5145917	0.9520603	0.7673832	0.2201334
5925000000	0.471238898	0.994837674	0.251036313	1.301454976	0.061904698	-0.220349629	1.0595065	1.3494149	1.0143562	0.9505283	-0.3879951
5925000000	0.471238898	1.047197551	0.698910967	2.042831591	0.68110629	0.508669885	1.174603	1.6006013	1.1697973	1.1242606	1.0288476
5925000000	0.471238898	1.099557429	0.733126992	3.001338371	1.06747419	0.903748762	1.1838937	1.9958773	1.2786374	1.2313312	1.530324
5925000000	0.471238898	1.151917306	0.46324742	3.460370213	0.914275229	1.05932735	1.1125633	2.2183855	1.2343193	1.2762411	1.6465088
5925000000	0.471238898	1.204277184	0.295904621	3.635339556	0.396679399	1.160345307	1.0705093	2.309585	1.0956403	1.3062747	1.600188
5925000000	0.471238898	1.256637061	0.360792408	3.907461211	0.008556476	1.279004463	1.0866239	2.4859297	1.0019721	1.3424257	1.6805405
5925000000	0.471238898	1.308996939	0.375380112	4.165316756	0.011172874	1.28710657	1.0902799	2.609346	1.002576	1.344964	1.7949189
5925000000	0.471238898	1.361356817	0.055019064	3.97761916	0.0422691	1.006111089	1.0127492	2.498975	1.0097803	1.2606981	1.6003332
5925000000	0.471238898	1.413716694	-0.581940478	3.132010008	-0.418908603	0.407287978	0.8745929	2.0568423	0.9808487	1.0983198	0.9147383
5925000000	0.471238898	1.466076572	-1.193276929	1.83666652	-1.477583361	-0.317586517	0.7597528	1.526394	0.7115651	0.9294828	-0.0797756
5925000000	0.471238898	1.518436449	-1.396036705	0.624178055	-2.61585643	-0.866244007	0.7250974	1.1545635	0.5475381	0.8919172	-0.9066172
5925000000	0.471238898	1.570796327	-1.207729914	-0.24074304	-3.11486564	-1.089331303	0.7573158	0.9460753	0.4881052	0.7781564	-1.2593434
5925000000	0.471238898	1.623156204	-1.050329709	-1.165170063	-3.164196497	-1.146477528	0.785176	0.7646857	0.4825923	0.7679841	-1.54834
5925000000	0.471238898	1.675516082	-1.26424864	-2.551210019	-3.614888166	-1.313221132	0.7474379	0.5557494	0.435022	0.7395969	-2.0808731
5925000000	0.471238898	1.72787596	-1.75071845	-4.102901147	-4.966450044	-1.654041714	0.6682334	0.3887853	0.3186801	0.6832755	-2.884096
5925000000	0.471238898	1.78025837	-2.03719899	-5.151510517	-6.051299667	-1.94951663	0.625576	0.3053859	0.2017762	0.6383435	-3.5382361
5925000000	0.471238898	1.832595715	-1.848316112	-6.057482003	-8.451715199	-2.061768854	0.6533838	0.2478859	0.142833	0.6220469	-3.80346
5925000000	0.471238898	1.884955592	-1.596949161	-7.906487226	-9.05686316	-2.239558517	0.6923171	0.1619389	0.1242549	0.5970922	-4.0461312
5925000000	0.471238898	1.93731547	-1.882787152	-11.7448065	-9.647840337	-2.803884917	0.6482183	0.0669144	0.1084466	0.5243382	-3.793669
5925000000	0.471238898	1.989675347	-2.783544228	-19.33102137	-10.42090613	-3.700610464	0.5267998	0.0116654	0.0907631	0.4235834	-5.7970931
5925000000	0.471238898	2.042035225	-3.572617172	-18.85610034	-10.7591502	-4.405147046	0.4392768	0.0130134	0.0839624	0.362648	-6.4834831
5925000000	0.471238898	2.094395102	-3.570617259	-12.74260428	-10.74901873	-4.078754118	0.4394791	0.0531789	0.0841585	0.390953	-6.162288
5925000000	0.471238898	2.14675498	-3.32359578	-9.94071951	-11.29854444	-3.119229653	0.4652008	0.1013743	0.0741559	0.487615	-5.496171
5925000000	0.471238898	2.191144858	-3.509772216	-9.59884822	-13.00357686	-2.379754008	0.4456796	0.1096769	0.0500775	0.5781288	-5.2886869
5925000000	0.471238898	2.251474735	-2.51474735	-12.21131627	-16.151131627	-2.253868606	0.3733949	0.0600992	0.0242593	0.5951318	-5.7876691
5925000000	0.471238898	2.303834613	-5.402215646	-16.70749527	-18.29868585	-2.864180174	0.2882561	0.0214328	0.0147956	0.5171089	-6.770042
5925000000	0.471238898	2.35619449	-6.140723792	-12.44383921	-15.41276431	-4.281693246	0.2431799	0.056966	0.0287557	0.3731047	-7.557191
5925000000	0.471238898	2.408554368	-5.838787611	-8.715017805	-13.46788231	-6.383904963	0.2606881	0.1344306	0.0449999	0.2299373	-7.7594889
5925000000	0.471238898	2.460914245	-5.069670774	-6.7							

5925000000	0.523598776	-1.466076572	3.065306619	-6.82716368	-1.473147576	0.01065937	2.0254926	0.2076269	0.7123366	1.0024574	-0.0569236
5925000000	0.523598776	-1.413716694	3.573045272	-6.736006308	-0.589016629	0.339546448	2.2766933	0.212031	0.8731691	1.081321	0.4563728
5925000000	0.523598776	-1.361356817	3.474261216	-6.815227495	-0.455788584	0.500582824	2.2254924	0.2081983	0.9003703	1.122169	0.4960761
5925000000	0.523598776	-1.308996939	2.708435494	-7.116455761	-0.585193561	0.459897306	1.8657075	0.194247	0.873938	1.1117054	0.0492273
5925000000	0.523598776	-1.256637061	1.41341063	-7.053641074	-0.287937581	0.208737581	1.3846534	0.197077	0.9354497	1.0492374	-0.4948278
5925000000	0.523598776	-1.204277814	-0.048088415	-6.004361982	0.462648144	-0.173425415	0.9889883	0.2509365	1.1124098	0.9608541	-0.8181382
5925000000	0.523598776	-1.151917306	-1.399255961	-4.388327949	-0.28569681	-0.494992127	0.7245601	0.3640552	1.2663594	0.8922792	-0.9054573
5925000000	0.523598776	-1.099557429	-2.443333526	-3.11590484	0.924405289	-0.573754864	0.5697268	0.4879884	1.2372018	0.8762429	-1.0084185
5925000000	0.523598776	-1.047197551	-2.087556742	-2.612660373	0.185805315	-0.469300856	0.6183642	0.5479412	1.0437117	0.8957337	-1.0963623
5925000000	0.523598776	-0.994837674	-0.227536118	-2.7103937	-0.689899853	-0.491006342	0.9489567	0.5357481	0.8531198	0.8930985	-0.9273337
5925000000	0.523598776	-0.942477796	1.296110469	-2.928250672	-1.102028529	-0.947286554	1.3477553	0.5095361	0.7758846	0.8040283	-0.6585464
5925000000	0.523598776	-0.890117919	1.56941761	-3.152742042	-1.115097395	-1.939921338	1.4352969	0.4838668	0.7735533	0.6397464	-0.7929459
5925000000	0.523598776	-0.837758041	0.557061771	-3.826906808	-1.290175278	-3.158684233	1.1368579	0.4142946	0.7429892	0.4832052	-1.5842987
5925000000	0.523598776	-0.785398163	-0.969717089	-5.173022248	-1.803957793	-3.701042552	0.7998864	0.303877	0.6600916	0.4264771	-2.6155003
5925000000	0.523598776	-0.733038286	-1.373793356	-6.580198745	-2.176469585	-3.049385684	0.7288206	0.2197759	0.6060801	0.4955203	-2.902644
5925000000	0.523598776	-0.680678408	-0.8886722	-7.321352783	-1.906137266	-2.003075888	0.8149534	0.1852954	0.6447425	0.6305106	-2.4498278
5925000000	0.523598776	-0.628318531	-1.058223161	-8.06418129	-1.340953016	-3.136753612	0.7837502	0.1561643	0.7343527	0.738456	-2.1955247
5925000000	0.523598776	-0.575958653	-2.128955206	-9.566910671	-1.130752627	-1.197684167	0.6124977	0.1104864	0.7707699	0.7589822	-2.4934965
5925000000	0.523598776	-0.523598776	-3.025914583	-11.46823804	-1.513133392	-1.683818401	0.4982055	0.0751234	0.7058801	0.6786067	-3.1114996
5925000000	0.523598776	-0.471238898	-0.471238898	-12.82047036	-2.201801024	-2.854803849	0.5177793	0.0532442	0.6023085	0.5182265	-3.7403243
5925000000	0.523598776	-0.41887902	-2.826869471	-13.49620741	-2.680113714	-4.756362103	0.5215705	0.0447074	0.5394965	0.3344751	-4.4362225
5925000000	0.523598776	-0.366519143	-4.170892901	-14.3264133	-2.881499121	-7.008551151	0.382746	0.0369282	0.5150508	0.1991338	-5.4750099
5925000000	0.523598776	-0.314159265	-6.89151447	-16.65027816	-3.302956095	-8.442075142	0.2045731	0.0126258	0.4674169	0.1431504	-6.4960761
5925000000	0.523598776	-0.261799388	-7.842993748	-20.01505717	-4.474425254	-8.732904442	0.1643239	0.0099654	0.356909	0.1338705	-7.791885
5925000000	0.523598776	-0.20943951	-6.164864058	-17.12813339	-6.610042594	-9.279320542	0.2418319	0.0193725	0.2182727	0.1180505	-8.2570193
5925000000	0.523598776	-0.157079633	-5.560682332	-14.88744193	-9.338901861	-11.03373707	0.2779277	0.0243531	0.116442	0.0788182	-9.8821777
5925000000	0.523598776	-0.104719755	-6.206810579	-16.13703823	-11.53740292	-13.06539303	0.2395074	0.0243386	0.0701875	0.0433697	-10.184042
5925000000	0.523598776	-0.052359878	-6.697100316	-17.30241986	-12.01146617	-11.52275515	0.213939	0.0186105	0.0629294	0.0704246	-10.386934
5925000000	0.523598776	-4.44E-16	-6.963298873	-12.77767655	-11.03294092	-8.62264865	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984779
5925000000	0.523598776	0.052359878	-6.848352018	-8.709150223	-10.34008481	-6.900316822	0.1365101	0.1346124	0.0969615	0.2041589	-8.4447962
5925000000	0.523598776	0.104719755	-12.94060431	-6.16227689	-10.08841583	-6.21062857	0.0508089	0.241976	0.0979847	0.2392969	-8.0267356
5925000000	0.523598776	0.157079633	-18.06724552	-5.096348043	-10.5333409	-5.953372703	0.0156054	0.3092895	0.0884435	0.2539	-7.7778983
5925000000	0.523598776	0.20943951	-18.24955777	-5.139919609	-10.45222428	-6.568717585	0.0149639	0.306202	0.090111	0.2717422	-6.763866
5925000000	0.523598776	0.261799388	-18.40521337	-4.515083659	-9.629472581	-5.293387929	0.0144371	0.3535832	0.1089062	0.2955706	-7.1416314
5925000000	0.523598776	0.314159265	-12.73253718	-2.396013199	-8.472699313	-4.988735398	0.0533023	0.5759684	0.1421445	0.3107091	-5.6524579
5925000000	0.523598776	0.366519143	-7.888172486	-0.700902407	-6.848387779	-4.672088571	0.1626233	0.8509612	0.2066147	0.3410289	-4.0525364
5925000000	0.523598776	0.41887902	-5.510249767	-0.299313603	-4.82978087	-4.142601159	0.2811739	0.9334018	0.3288682	0.3852475	-3.1679723
5925000000	0.523598776	0.471238898	-4.757963267	-0.857419799	-3.021982244	-3.331197191	0.3343518	0.8208391	0.4986568	0.46438472	-6.5116085
5925000000	0.523598776	0.523598776	-4.708444318	-1.062728607	-1.077707912	-2.402845828	0.338186	0.7829376	0.6500132	0.575063	-2.31695
5925000000	0.523598776	0.575958653	-4.358718632	-0.077291336	-1.361648053	-1.7308617	0.3665457	0.9823604	0.7308617	0.6890231	-1.5976985
5925000000	0.523598776	0.628318531	-3.339990445	0.964086182	-1.104705389	-1.128758488	0.4634479	1.2485577	0.7754066	0.7711239	-0.8903745
5925000000	0.523598776	0.680678408	-2.013118183	1.417916307	-0.654428148	-0.938312684	0.6290544	1.3860906	0.8601163	0.8056914	-0.3609975
5925000000	0.523598776	0.733038286	-0.823537619	1.898637149	-0.092338962	-0.992328962	0.827268	1.5483307	1.0663837	0.7957325	0.1887874
5925000000	0.523598776	0.785398163	-0.129606833	2.941493322	0.559759394	-1.234603582	0.9705978	1.9685631	1.1375643	0.7562574	0.8822623
5925000000	0.523598776	0.837758041	-0.095049139	3.819025206	0.616291654	-1.53773186	0.9783519	2.4093646	1.1524688	0.7018217	1.174376
5925000000	0.523598776	0.890117919	-0.493693842	3.745289474	0.267629505	-1.646821785	0.892546	2.368803	1.0635624	0.685403	0.9777378
5925000000	0.523598776	0.942477796	-0.662357732	2.723075751	-0.018021797	-1.319662749	0.8585473	1.8720075	0.9958589	0.7379615	0.4770007
5925000000	0.523598776	0.994837674	-0.270803409	1.866194122	0.198071562	-0.667219275	0.9395495	1.5368073	1.0466337	0.8575868	0.3947432
5925000000	0.523598776	1.047197551	0.12140802	2.377367029	0.758657371	-0.02836226	1.0283496	1.728768	1.1908738	0.9934906	0.9179723
5925000000	0.523598776	1.099557429	0.035626057	3.305314283	1.119684001	0.38357168	1.0082369	2.1405798	1.2941017	1.0923383	1.0410778
5925000000	0.523598776	1.151917306	-0.391399382	3.733405506	0.967677925	0.616567917	0.9138187	2.3623299	1.2495912	1.1252421	1.5215696
5925000000	0.523598776	1.204277814	-0.66769915	3.849582521	0.444523391	0.846497993	0.857492	2.4263768	1.107777	1.2152057	1.4665907
5925000000	0.523598776	1.256637061	-0.59644074	4.097894091	0.005353309	1.130968241	0.8716777	2.5691497	1.0012334	1.2974685	1.5861628
5925000000	0.523598776	1.308996939	-0.526971023	4.374939977	-0.080539826	1.304996694	0.8857331	2.7383818	0.9816259	1.3505158	1.7293134
5925000000	0.523598776	1.361356817	-0.815382632	4.204157141	-0.119867391	1.16216608	0.8288229	2.6327869	0.9727769	1.3608225	1.5694393
5925000000	0.523598776	1.413716694	-1.446923165	3.373762173	-0.604175132	0.671486213	0.716651	2.1745841	0.8701267	1.1670909	0.9066011
5925000000	0.523598776	1.466076572	-2.055559435	2.176516649	-1.654455614	0.029948078	0.6229369	1.6506373	0.6832104	1.0069196	-0.0395875
5925000000	0.523598776	1.518436449	-2.244120741	1.257172735	-2.804824328	-0.469852886	0.5964691	1.3537257	0.5242248	0.8974592	-0.7651263
5925000000	0.523598776	1.570796327	-2.059425141	0.811788292	-3.370403534	-0.701606557	0.6223827	1.2055322	0.4860218	0.5082322	-1.0527532
5925000000	0.523598776	1.623156204	-1.975038074	0.289688956	-3.465734354	-0.836004543	0.6345943	1.0689783	0.4502218	0.8248967	-1.2803451
5925000000	0.523598776	1.675516082	-2.345487201	-0.724812773	-3.85623749	-1.136462567	0.5827084	0.8462891	0.4115061	0.7697572	-1.8537611
5925000000	0.523598776	1.72787596	-3.001782397	-2.004307124	-4.99592941	-1.645985994	0.5009816	0.6303319	0.3165243	0.6845442	-2.7319499
5925000000	0.523598776	1.780235837	-3.241499816	-3.030497157	-6.678642741	-2.216581267	0.4740782	0.4976801	0.2148502	0.6142453	-3.4658152
5925000000	0.523598776	1.832595715	-2.733468947	-3.985166406	-2.362650797	-3.5329091	0.5329091	0.3994693	0.1528641	0.58041	-3.804756
5925000000	0.523598776	1.884955592	-2.208430163	-5.654882081	-9.118404262	-2.573855086	0.6013911	0.2719642	0.1225066	0.5528591	-4.1206878
5925000000	0.523598776	1.93731547	-2.409433215	-8.777069997	-9.979584726	-3.003870592	0.5741914	0.1325235	0.1004712	0.5007408	-4.8547653
5925000000	0.523598776	1.989675347	-3.369991684	-13.6335891	-10.73405918	-3.599372206	0.4602575	0.0433153	0.0844489	0.4365789	-5.9150539
5925000000	0.523598776	2.042									

5925000000	0.575958653	-1.884955592	-2.464167519	-5.51093616	-7.259231866	-8.106294177	0.5670002	0.2811295	0.1879649	0.1546574	-5.2623867
5925000000	0.575958653	-1.832595715	-4.350004074	-5.596602878	-7.094530562	-6.075168841	0.367282	0.2756384	0.1952302	0.2468784	-5.6661867
5925000000	0.575958653	-1.780235837	-6.455482796	-5.080164993	-6.893308255	-4.578858288	0.2261787	0.3104442	0.2044886	0.3484289	-5.6481665
5925000000	0.575958653	-1.72787596	-6.329004521	-4.113920071	-6.110679482	-3.55679752	0.2328625	0.3878002	0.244868	0.4408798	-4.8598032
5925000000	0.575958653	-1.675516082	-4.162223173	-3.445348125	-5.42448011	-2.794229015	0.3835109	0.4523402	0.2867821	0.5255053	-3.850663
5925000000	0.575958653	-1.623156204	-2.047596796	-3.467880203	-5.12163817	-2.136368225	0.6240801	0.4499891	0.3074937	0.6114453	-3.0254921
5925000000	0.575958653	-1.570796327	-0.376212191	-4.033679483	-4.55317078	-1.534932973	0.9170199	0.3950318	0.3504959	0.7022742	-2.2825617
5925000000	0.575958653	-1.518436449	0.969215646	-4.661711048	-3.146893722	-1.017601803	1.2500332	0.3418447	0.4845188	0.7911154	-1.4455473
5925000000	0.575958653	-1.466076572	1.989648116	-4.987972671	-1.548839647	-0.621795475	1.5811199	0.3171047	0.700029	0.8666035	-0.6237465
5925000000	0.575958653	-1.413716694	2.530519541	-5.115724454	-0.582275182	-0.36540742	1.7908201	0.3079127	0.8745255	0.9130402	-0.1182424
5925000000	0.575958653	-1.361356817	2.415217581	-5.274660592	-0.38104096	-0.280548767	1.7439007	0.2865721	0.9160009	0.9374435	-0.1279002
5925000000	0.575958653	-1.308996939	1.601526913	-6.092705116	-0.487915954	-0.428804676	1.4459481	0.2458836	0.8937343	0.9059819	-0.59042
5925000000	0.575958653	-1.256637061	0.360849528	-6.676544082	-0.229305206	-0.837883367	1.0866382	0.214954	0.9485702	0.8245399	-1.1425692
5925000000	0.575958653	-1.204277184	-0.712114797	-6.335000641	0.485551474	-1.39251484	0.8487671	0.2325412	1.1182918	0.7256856	-1.358917
5925000000	0.575958653	-1.151917306	-1.37569983	-5.075253164	1.056781861	-1.804427444	0.7285008	0.3107955	1.2754933	0.6600202	-1.2860079
5925000000	0.575958653	-1.09557429	-1.794726237	-3.875825931	1.002130894	-1.866690712	0.6614962	0.4096542	1.2595433	0.6506253	-1.2765155
5925000000	0.575958653	-1.047197551	-1.288341247	-3.370030533	0.324082411	-1.769588306	0.743303	0.4602533	1.0774776	0.6653362	-1.3277269
5925000000	0.575958653	-0.994837674	0.36999891	-3.484672343	-0.521522557	-1.911579724	1.0889298	0.4482629	0.886845	0.643935	-1.152085
5925000000	0.575958653	-0.942477796	1.742636142	-3.684056714	-0.97334445	-2.522082869	1.4937008	0.4281484	0.7992185	0.5594892	-0.8611241
5925000000	0.575958653	-0.890117919	1.886508724	-3.735248913	-1.045544186	-3.439954764	1.5440127	0.4321313	0.7860417	0.4529203	-0.9608456
5925000000	0.575958653	-0.837758041	0.649241185	-4.093559788	-1.234034639	-3.966676844	1.1612457	0.3896225	0.752656	0.4011736	-1.6994125
5925000000	0.575958653	-0.785398163	-1.235276677	-5.024658469	-1.7179585	-3.462339999	0.7524408	0.3144374	0.6730141	0.4505739	-2.6152345
5925000000	0.575958653	-0.733038286	-1.719427905	-6.063562773	-2.063048414	-2.379919891	0.6730653	0.2475391	0.6218636	0.5781067	-2.7560641
5925000000	0.575958653	-0.680678408	-0.987790702	-6.868340383	-1.790386203	-1.504556027	0.7965645	0.2056676	0.6621576	0.7072035	-2.2701979
5925000000	0.575958653	-0.628318531	-1.005384949	-8.153171618	-1.217629426	-1.17808358	0.7933439	0.1522997	0.7555045	0.7624154	-2.1037333
5925000000	0.575958653	-0.575958653	-2.11793004	-10.60276924	-0.974566521	-1.443573546	0.6140546	0.0870408	0.7989937	0.7172039	-2.562369
5925000000	0.575958653	-0.523598776	-3.195221882	-13.6728907	-1.302212942	-2.280803682	0.479157	0.0428915	1.7409326	0.5914522	-3.3384879
5925000000	0.575958653	-0.471238898	-2.992734357	-15.10168025	-1.946480266	-3.70560065	0.5020264	0.030891	0.638781	0.4245648	-3.9895549
5925000000	0.575958653	-0.41887902	-2.733551972	-14.63670468	-2.442206551	-5.714436157	0.5328989	0.0343819	0.5698747	0.2682603	-4.5425519
5925000000	0.575958653	-0.366519143	-3.868245151	-14.53488654	-2.715279032	-7.643473376	0.4013699	0.0351975	0.5351458	0.1720492	-5.4032022
5925000000	0.575958653	-0.314159265	-6.54178066	-16.54502154	-3.199620932	-8.420369378	0.2217287	0.0221563	0.4786719	0.1438676	-6.6432925
5925000000	0.575958653	-0.261799388	-7.7725876	-20.77113354	-4.398923755	-8.473427763	0.1670095	0.0083731	0.363168	0.1421207	-7.6912253
5925000000	0.575958653	-0.20943951	-6.127102861	-17.64009536	-6.547516109	-9.163328813	0.2439438	0.0172183	0.2214361	0.1212459	-8.3113519
5925000000	0.575958653	-0.157079633	-5.487261642	-14.94997727	-9.29688234	-11.14533669	0.2826662	0.0319891	0.1175714	0.0768186	-8.9530356
5925000000	0.575958653	-0.104719755	-6.17045858	-16.15001127	-11.50882221	-11.32494657	0.2415206	0.024266	0.0706509	0.0465056	-10.189257
5925000000	0.575958653	-0.052359878	-6.692179989	-17.35898274	-11.99648887	-13.62986883	0.2141815	0.0183697	0.0631482	0.0608789	-10.404717
5925000000	0.575958653	-4.44E-16	-6.963298827	-12.77767616	-11.03294135	-8.6224648345	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984779
5925000000	0.575958653	0.052359878	-6.261931638	-8.753392391	-10.17856469	-6.854163187	0.1339117	0.133248	0.0959718	0.2063401	-8.34685795
5925000000	0.575958653	0.104719755	-13.24749724	-6.19687758	-10.23775326	-6.16053223	0.0473424	0.2400558	0.0946727	0.2420732	-8.0677559
5925000000	0.575958653	0.157079633	-18.24464657	-5.069885064	-10.78737145	-5.967909459	0.0149808	0.3111799	0.0834186	0.2530516	-7.5285519
5925000000	0.575958653	0.20943951	-18.01150176	-5.028531137	-10.74450983	-5.793001696	0.015807	0.3141571	0.0842459	0.263451	-7.7104747
5925000000	0.575958653	0.261799388	-18.64388749	-4.339897942	-9.972678305	-5.522311383	0.0136651	0.3681376	0.1006311	0.2803941	-7.1963474
5925000000	0.575958653	0.314159265	-13.20236717	-2.226528876	-8.893627223	-5.214028769	0.0478369	0.5988901	0.1290128	0.3010122	-6.5994067
5925000000	0.575958653	0.366519143	-8.292934176	-0.547331011	-7.821202815	-4.790371184	0.1481517	0.8815905	0.1870164	0.3318702	-4.1211266
5925000000	0.575958653	0.41887902	-5.880127814	-0.166828848	-5.182939954	-4.13651042	0.2582184	0.9623147	0.3031388	0.3857882	-3.2113916
5925000000	0.575958653	0.471238898	-5.130756628	-0.80049691	-3.26900969	-3.707372808	0.3068487	0.8316696	0.4710847	0.4079369	-2.838414
5925000000	0.575958653	0.523598776	-5.186213086	-1.136450911	-2.021966494	-2.333616973	0.3029554	0.7697592	0.627774	0.5843033	-2.4321334
5925000000	0.575958653	0.575958653	-4.958167325	-0.178705261	-1.43049781	-1.508031585	0.3192885	0.9596867	0.7193665	0.7066378	-1.6989602
5925000000	0.575958653	0.628318531	-3.902909908	0.896323332	-1.107648441	-0.901614861	0.4071074	1.2292277	0.7748813	0.8125283	-0.9699395
5925000000	0.575958653	0.680678408	-2.545382377	1.393765822	-0.611097764	-0.514352204	0.5564956	1.3784042	0.8687408	0.8883105	-0.3480405
5925000000	0.575958653	0.73038286	-1.456590559	2.063779436	-0.106240887	-0.311050136	0.7150575	1.6083403	1.0247645	0.9308828	-0.2926867
5925000000	0.575958653	0.785398163	-0.892672297	3.409714762	0.6771688	-0.266758442	0.8142031	1.2926609	1.1687372	0.940425	1.0687277
5925000000	0.575958653	0.837758041	-0.897729004	4.473924664	0.786161201	-0.330760835	0.8132557	2.8015119	1.1984395	0.9266675	1.0687277
5925000000	0.575958653	0.890117919	-1.207442331	4.427943534	0.497813446	-0.386977994	0.7572787	2.7720072	1.1214537	0.9147495	1.4344335
5925000000	0.575958653	0.942477796	-1.243292181	3.254101201	0.247980643	-0.28808721	0.7510533	2.1154858	1.0587613	0.9358178	0.8467619
5925000000	0.575958653	0.994837674	-0.81865392	2.078363268	-0.46466675	-0.000783724	0.8281988	1.6137503	1.1078136	0.9998196	0.5591152
5925000000	0.575958653	1.047197551	-0.485180623	2.457505589	0.954085743	0.315135705	0.8942973	1.7609643	1.245686	1.072602	0.9483852
5925000000	0.575958653	1.09557429	-0.660634507	3.433647096	1.277580994	0.48125895	0.858888	2.2047772	1.3420173	1.171871	1.4010479
5925000000	0.575958653	1.151917306	-1.155529574	3.849349085	1.1159347	0.493537141	0.7663851	2.4624644	1.292985	1.12035	1.465905
5925000000	0.575958653	1.204277184	-1.349524234	3.868572958	0.589821024	0.509028826	0.7329048	2.4370099	1.1454657	1.1243535	1.3351767
5925000000	0.575958653	1.256637061	-0.992726752	4.028562135	-0.111720035	0.631912345	0.7956596	2.5284607	1.0260582	1.1566214	1.3883931
5925000000	0.575958653	1.308996939	-0.612523656	4.282720859	-0.062275868	0.729761443	0.8684556	2.6808474	0.9857628	1.1829766	1.5518737
5925000000	0.575958653	1.361356817	-0.720314286	4.116714934	-0.192728526	0.507971628	0.8471661	2.5803077	0.9565929	1.1404577	1.402349
5925000000	0.575958653	1.413716694	-1.328135009	3.308347824	-0.727961862	-0.079228506	0.7365233	2.1420755	0.8456756	1.018405	1.796428
5925000000	0.575958653	1.466076572	-1.991610196	2.235422562	-1.787148221	-0.590666802	0.6321774	1.6737184	0.6626515	0.8728373	-1.0763325
5925000000	0.575958653	1.518436449	-2.162869815	1.636868483	-2.950472759	-1.17464797	0.6077333	1.4577627	0.5069355	0.7630187	-0.7890552
5925000000	0.575958653	1.570796327	-1.832594771	1.582200536	-3.591540395	-1.531158454	0.6557534	1.4395278	0.4373669	0.7028848	-0.9211417
5925000000	0.575958653	1.62315620									

5925000000	0.628318531	-2.303834613	-3.222020288	-8.542710993	-12.09776426	-6.132976631	0.4762094	0.1398714	0.0616913	0.2436141	-6.3761833
5925000000	0.628318531	-2.251474735	-2.503762867	-10.06364129	-11.95659173	-5.428922856	0.5618513	0.0984553	0.0637295	0.2864888	-5.9747297
5925000000	0.628318531	-2.199114858	-2.633670283	-11.27817144	-11.28345197	-5.584551281	0.5452968	0.0745046	0.074414	0.2764003	-6.1501086
5925000000	0.628318531	-2.14675498	-3.381424785	-9.952106653	-10.6990557	-6.579682253	0.4590474	0.1011089	0.0851322	0.2198021	-6.6499841
5925000000	0.628318531	-2.094395102	-3.924523797	-8.154821135	-11.00019976	-8.084360037	0.4050864	0.1529388	0.0794292	0.1554404	-7.0284481
5925000000	0.628318531	-2.042035225	-3.41680363	-6.797236503	-11.60464944	-9.598144019	0.4553231	0.2090626	0.0691091	0.1096947	-6.7613485
5925000000	0.628318531	-1.989675347	-2.475949357	-5.634899743	-10.60992037	-10.7562605	0.5654641	0.2732185	0.0868976	0.0840183	-5.9791128
5925000000	0.628318531	-1.93731547	-2.100413253	-4.89500753	-8.623832058	-10.93310367	0.6165363	0.3239659	0.137283	0.0806658	-5.3818231
5925000000	0.628318531	-1.884955592	-2.639973405	-4.718386558	-7.381863576	-9.583748572	0.544506	0.3374126	0.1827316	0.1005089	-5.3212965
5925000000	0.628318531	-1.832595515	-2.394595908	-4.681287129	-7.017996343	-7.71729529	0.4030919	0.3403073	0.1987011	0.1609149	-5.562483
5925000000	0.628318531	-1.780235837	-5.291791585	-4.157707052	-6.703689845	-6.238738417	0.2956792	0.3839099	0.2136146	0.2377531	-5.4861395
5925000000	0.628318531	-1.72787596	-5.535653037	-3.22191375	-5.974811554	-5.195946769	0.279534	0.4762211	0.2526497	0.3022772	-4.8456265
5925000000	0.628318531	-1.675516082	-4.625982495	-2.546786398	-5.376658982	-4.339540046	0.3446686	0.5563158	0.2899573	0.368168	-4.0918332
5925000000	0.628318531	-1.623156204	-3.368583805	-2.513027065	-5.152279341	-3.482005097	0.4604067	0.5606571	0.3053318	0.4485383	-3.5287783
5925000000	0.628318531	-1.570796327	-2.086950849	-2.97764115	-4.676346877	-2.6124611	0.6184505	0.5037742	0.3406946	0.5479664	-2.9867262
5925000000	0.628318531	-1.518436449	-0.828501162	-3.488108076	-3.314931898	-1.822752044	0.8263231	0.4479084	0.4661297	0.6572412	-2.2228282
5925000000	0.628318531	-1.466076572	0.249882088	-3.718887094	-1.676319243	-1.179003383	1.059225	0.4247284	0.6797795	0.7622359	-1.578763
5925000000	0.628318531	-1.413716694	0.862766475	-3.792559873	-0.628020131	-0.701688735	1.2197663	0.4175842	0.8653623	0.5085071	-1.7655909
5925000000	0.628318531	-1.361356817	0.776406077	-4.087789392	-0.338868507	-0.421485362	1.1957506	0.3901405	0.9249391	0.9075101	-0.6824469
5925000000	0.628318531	-1.308996939	0.028197698	-4.803580328	-0.380287935	-0.380268951	1.0065139	0.3308582	0.9136739	0.9161638	-1.0133831
5925000000	0.628318531	-1.256637061	-0.81376325	-5.652310513	-0.150840149	-0.554497565	0.829132	0.2721253	0.965864	0.8801369	-1.326418
5925000000	0.628318531	-1.204277184	-0.977230828	-5.863923437	0.520172225	-0.777045649	0.7985037	0.2591837	1.1272422	0.8361716	-1.2189472
5925000000	0.628318531	-1.151917306	-0.73356087	-5.107184577	1.087025877	-0.814889559	0.8446259	0.3085187	1.2844068	0.828917	-0.8798153
5925000000	0.628318531	-1.099557429	-0.696520986	-4.170053487	1.078176019	-0.662744631	0.8518201	0.38282	1.2817921	0.8584708	-0.7379868
5925000000	0.628318531	-1.047197551	-0.377789471	-3.80724345	0.48219817	-0.614963644	0.916687	0.4161747	1.1174287	0.8679678	-0.8114982
5925000000	0.628318531	-0.994837674	0.831220789	-4.04828545	-0.280691484	-0.96146969	1.2109385	0.3937055	0.9374127	0.8014068	-0.778634
5925000000	0.628318531	-0.942477796	1.981169738	-4.323505784	-0.690031599	-1.747432255	1.5780362	0.3695298	0.8513334	0.6687392	-0.6202616
5925000000	0.628318531	-0.890117919	2.035733253	-4.276753066	-0.745937578	-2.643307932	1.5979873	0.3735293	0.8366439	0.5440081	-0.7672378
5925000000	0.628318531	-0.837758041	0.70421096	-4.374179799	-0.953417867	-3.008378615	1.1760373	0.3652431	0.802894	0.5002213	-1.4806995
5925000000	0.628318531	-0.785398163	-1.309610783	-4.927186428	-1.416275966	-2.598486165	0.7396716	0.3215743	0.7127261	0.5497325	-2.3420028
5925000000	0.628318531	-0.733038286	-1.718569356	-5.578541677	-1.768448465	-1.908665123	0.6731984	0.2768781	0.6655109	0.643673	-2.4797716
5925000000	0.628318531	-0.680678408	-0.756786141	-6.276650355	-1.549890909	-1.467717365	0.8400814	0.2356866	0.6998451	0.7132278	-2.0606285
5925000000	0.628318531	-0.628318531	-0.631674668	-7.835711769	-1.023690052	-1.5194476	0.8646344	0.1645996	0.7900071	0.7007427	-1.9996653
5925000000	0.628318531	-0.575958653	-1.767230297	-11.06754165	-0.790967507	-2.114212763	0.6656976	0.078207	0.8334955	0.6145804	-2.612233
5925000000	0.628318531	-0.523598716	-3.14149137	-15.98384094	-1.104847866	-3.214013481	0.4851219	0.0252125	0.7753811	0.4730862	-3.5585605
5925000000	0.628318531	-0.472138898	-3.132554277	-18.04313075	-1.743281095	-4.753511282	0.4861212	0.0156923	0.6693774	0.3746947	-4.24268
5925000000	0.628318531	-0.41887902	-2.725689811	-15.68713056	-2.274333365	-6.490989075	0.5338645	0.0269952	0.592334	0.2243317	-4.6295868
5925000000	0.628318531	-0.366519143	-3.650016855	-14.57824357	-2.611251644	-7.689992302	0.4315174	0.0348478	0.548119	0.1702162	-5.185481
5925000000	0.628318531	-0.314159265	-6.227996295	-16.28071992	-3.143124507	-7.895339358	0.2383419	0.0235466	0.4849395	0.1623551	-4.0480663
5925000000	0.628318531	-0.261799388	-7.684242014	-21.2739074	-4.358329575	-7.986825433	0.1704417	0.0074604	0.3665732	0.1589708	-5.5482917
5925000000	0.628318531	-0.20943951	-6.09864779	-18.14294956	-6.512565925	-8.946687305	0.2455473	0.0153358	0.2232253	0.1274475	-5.1652386
5925000000	0.628318531	-0.157079633	-5.430781439	-5.02651458	-9.27632564	-11.20388846	0.2863663	0.0314303	0.118132	0.0758038	-8.9301711
5925000000	0.628318531	-0.104719755	-6.143161741	-16.16504499	-11.4916631	-13.54846255	0.2430434	0.0241822	0.0709306	0.0441727	-10.196229
5925000000	0.628318531	-0.052359878	-6.688261045	-17.39013066	-11.98279095	-11.72149178	0.2143749	0.0182384	0.0633435	0.0672746	-10.4187167
5925000000	0.628318531	-4.44E-16	-6.963299067	-12.77767632	-11.03294113	-8.622648545	0.2012195	0.0527512	0.0788326	0.1373204	-9.298478
5925000000	0.628318531	0.052359878	-8.807866083	-8.803586241	-10.2315325	-6.809602106	0.1315871	0.1317169	0.0948084	0.2084682	-8.4789832
5925000000	0.628318531	0.104719755	-13.53368701	-6.236218735	-10.41617776	-6.106747815	0.0443232	0.2378911	0.090862	0.2450898	-8.1095484
5925000000	0.628318531	0.157079633	-18.41146793	-5.040023087	-11.08995407	-5.968856338	0.0144163	0.3133269	0.0778045	0.2529964	-7.8347514
5925000000	0.628318531	0.20943951	-17.75772573	-4.904393224	-11.06511774	-5.902499755	0.0167582	0.3232665	0.0782417	0.2568917	-7.7265454
5925000000	0.628318531	0.261799388	-18.66614689	-4.163711387	-10.31000268	-5.705517257	0.0135952	0.3833795	0.0931107	0.2688187	-7.2187706
5925000000	0.628318531	0.314159265	-13.75563098	-2.077871324	-9.300817134	-5.34013433	0.042115	0.6197448	0.1174676	0.2924062	-5.7197315
5925000000	0.628318531	0.366519143	-8.828745119	-0.425621114	-7.725602548	-4.725706496	0.130956	0.9066463	0.1688262	0.3368444	-4.1361727
5925000000	0.628318531	0.41887902	-6.332308988	-0.071872004	-3.878714398	-3.878714398	0.2326854	0.983587	0.2765243	0.4093818	-3.2208087
5925000000	0.628318531	0.471238898	-5.503614457	-0.775943561	-3.591093028	-2.950371775	0.2816038	0.8363839	0.437412	0.5069473	-2.8769825
5925000000	0.628318531	0.523598776	-5.594537321	-1.196703026	-2.268796378	-2.077469548	0.2757695	0.7591537	0.5930897	0.6198021	-2.5029943
5925000000	0.628318531	0.575958653	-5.496003216	-0.184570698	-1.608364297	-1.340463379	0.2802978	0.9583914	0.6905042	0.7344355	-1.7629288
5925000000	0.628318531	0.628318531	-4.471504557	0.977614331	-1.22641715	-0.759620975	0.3571491	1.252453	0.7539737	0.8395333	-0.9648778
5925000000	0.628318531	0.680678408	-3.165081683	1.489872001	-0.684339976	-0.297775028	0.4824939	1.4092473	0.8542127	0.9337325	-0.3624919
5925000000	0.628318531	0.733038286	-2.24013992	2.166154407	0.073058553	0.085968988	0.5970161	1.6467036	1.0169646	1.0199925	0.2945245
5925000000	0.628318531	0.785398163	-1.803665254	3.59109586	0.691830455	0.40079051	0.6601361	2.2861756	1.1726895	1.0966778	1.1525086
5925000000	0.628318531	0.837758041	-1.746060539	4.721481776	0.868610033	0.644550561	0.6689504	2.9658431	1.2214087	1.1599922	1.7726187
5925000000	0.628318531	0.890117919	-1.819744611	4.663701918	0.668419283	0.835307519	0.6576965	2.926646	1.166385	1.2120785	1.7390909
5925000000	0.628318531	0.942477796	-1.651134551	3.374040205	0.497434333	1.018855522	0.683733	2.1747234	1.1213558	1.2644031	1.1760252
5925000000	0.628318531	0.994837674	-1.195602076	2.076566377	0.719005687	1.215045115	0.7593461	1.6130828	1.1800499	1.3228314	0.8594227
5925000000	0.628318531	1.047197551	-0.915696671	2.607286336	1.200832544	1.352320791	0.809898	1.8227564	1.3185095	1.3653121	1.236539
5925000000	0.628318531	1.099557429	-1.145406221	3.775856317	1.488368817	1.318048451	0.7681736	2.3855342	1.4087596	1.3545763	1.7004479
5925000000	0.628318531	1.151917306	-1.647401183	4.242849795	1.31275132	1.081854508	0.684321	2.6563481	1.3529294	1.2828783	1.7438524
5925000000	0.628318531	1.20427									

5925000000	0.680678408	-2.722713633	-13.05727291	-9.350477723	-11.09524306	-8.585726135	0.0494621	0.1161321	0.0777098	0.1384929	-10.202277
5925000000	0.680678408	-2.670353756	-11.60146121	-9.09521656	-12.1163077	-8.200490403	0.0691598	0.1231625	0.0614284	0.151339	-9.9450877
5925000000	0.680678408	-2.617993878	-9.775829398	-7.445876724	-13.32923955	-7.90981958	0.1052973	0.1204144	0.0646597	0.1953898	-8.8008077
5925000000	0.680678408	-2.565634	-9.537982929	-6.421340544	-14.31988292	-6.315969323	0.1112248	0.2279638	0.0369388	0.2335625	-8.1691891
5925000000	0.680678408	-2.513274123	-11.51365975	-6.136469175	-14.72230884	-6.112483089	0.0705723	0.2434182	0.0337108	0.2447663	-8.2995337
5925000000	0.680678408	-2.460914245	-11.34594775	-6.6175596	-14.59882259	-6.222337785	0.0733509	0.2178934	0.0346831	0.2386265	-8.5033453
5925000000	0.680678408	-2.408554368	-7.261938517	-7.4974984702	-13.99518617	-6.304204119	0.1878478	0.1779306	0.0398549	0.2341961	-7.9599587
5925000000	0.680678408	-2.35619449	-4.527192252	-7.872391937	-13.13876485	-6.056204346	0.3525988	0.1632153	0.0485427	0.2479588	-6.9233525
5925000000	0.680678408	-2.303834613	-3.118778669	-8.102603702	-12.55895993	-5.573719514	0.4876656	0.1547888	0.0554805	0.2770946	-6.1304222
5925000000	0.680678408	-2.251474735	-2.476132117	-9.193216746	-12.09952643	-5.3639343	0.5654403	0.1204144	0.0616662	0.2908081	-5.8572497
5925000000	0.680678408	-2.199114858	-2.517257171	-10.30195559	-11.17724967	-5.85042009	0.5601112	0.0932834	0.0762562	0.2599908	-6.0658203
5925000000	0.680678408	-2.14675498	-3.25317368	-9.433223591	-10.3316966	-7.115312549	0.4728056	0.1139404	0.0926468	0.1942982	-6.6070215
5925000000	0.680678408	-2.094395102	-4.132715532	-7.888803201	-10.42214808	-8.50653117	0.3861255	0.1625997	0.0907372	0.1302971	-7.15705
5925000000	0.680678408	-2.042035225	-4.089721941	-6.661859603	-11.14385585	-10.49195098	0.389967	0.2156821	0.0768448	0.0892904	-7.1456409
5925000000	0.680678408	-1.989675347	-3.327367006	-5.580835907	-10.7101293	-11.58909646	0.464797	0.2766409	0.0849155	0.069357	-6.4989236
5925000000	0.680678408	-1.93731547	-2.954976945	-4.829347512	-8.981723083	-11.53788357	0.50641	0.328901	0.1264235	0.0701797	-5.8841637
5925000000	0.680678408	-1.884955592	-3.359119662	-4.562845837	-7.681903969	-9.982131449	0.4614111	0.3497159	0.1705332	0.1004123	-5.780361
5925000000	0.680678408	-1.832595715	-4.205022785	-4.43706235	-7.144136422	-7.925692294	0.3797499	0.3599928	0.1930129	0.1612244	-5.630506
5925000000	0.680678408	-1.780235837	-4.729364957	-3.896642217	-6.678195377	-6.165653543	0.3365608	0.4076954	0.2148723	0.2417879	-5.254271
5925000000	0.680678408	-1.72787596	-4.526298031	-2.989895847	-5.920144078	-4.761092728	0.3526714	0.5023443	0.2558501	0.334111	-4.4219915
5925000000	0.680678408	-1.675516082	-3.992028615	-2.329969082	-5.344394262	-3.553936226	0.3988386	0.5847942	0.2921195	0.4411704	-3.6730924
5925000000	0.680678408	-1.623156204	-3.464907953	-2.244854826	-5.16273241	-2.438532144	0.4503075	0.5963683	0.3045978	0.570357	-3.1839009
5925000000	0.680678408	-1.570796327	-2.839867873	-2.552484182	-4.790739955	-4.140722374	0.5200118	0.5555864	0.3318379	0.7232655	-2.7353736
5925000000	0.680678408	-1.518436449	-1.932447904	-2.825925702	-3.525413062	-4.098628418	0.6408483	0.5216839	0.4440774	0.8915325	-2.0444286
5925000000	0.680678408	-1.466076572	-0.900179968	-2.830079088	-1.878959683	0.258066649	0.8127968	0.5211852	0.6487844	1.061223	-1.5861684
5925000000	0.680678408	-1.413716694	-0.178827565	-2.751379088	-0.753782364	0.836069694	0.956597	0.5037159	0.8406627	1.2122912	-0.5264845
5925000000	0.680678408	-1.361356817	-0.071239531	-2.953113324	-0.36436313	1.18891962	0.9837303	0.5066274	0.9195253	1.3148977	-0.3095928
5925000000	0.680678408	-1.30896939	-0.424478176	-3.593353529	-0.339900933	1.292634565	0.9068849	0.4371844	0.9247193	1.346677	-0.4389575
5925000000	0.680678408	-1.256637061	-0.523881634	-4.43186124	-0.094104842	1.029790681	0.8863634	0.3604241	0.9785646	1.321232	-0.5242967
5925000000	0.680678408	-1.204277184	0.053192874	-4.851629651	0.534625313	1.10344442	1.0123234	0.3272179	1.1309998	1.2892717	-0.2689377
5925000000	0.680678408	-1.151917306	0.634530956	-4.491415621	0.086783983	1.123460814	1.157319	0.3555154	1.2843352	1.2952276	-0.0991779
5925000000	0.680678408	-1.099557429	0.634760687	-3.919851864	1.118454507	1.207972735	1.1573803	0.4055224	1.2937354	1.320679	-0.1883744
5925000000	0.680678408	-1.047197551	0.450425432	-3.827530306	0.613426119	1.101929299	1.1092835	0.4412352	1.1517086	1.2885786	-0.0394761
5925000000	0.680678408	-0.994837674	0.981999103	-4.267308703	-0.037154455	0.593480999	1.2537181	0.3743425	0.9914814	1.1464315	-0.2618274
5925000000	0.680678408	-0.942477796	1.813499874	-4.659210855	-0.373973881	-0.303058965	1.5182734	0.3420416	0.9174927	0.9325972	-0.3263869
5925000000	0.680678408	-0.890117719	1.797037162	-4.599026046	-0.409659267	-1.284528009	1.512529	0.3468146	0.9099847	0.7439559	-0.5634671
5925000000	0.680678408	-0.837758041	0.484212333	-4.557818905	-0.955724009	-1.888097572	1.117947	0.350121	0.879514	0.6474622	-1.2566198
5925000000	0.680678408	-0.785398163	-1.361666282	-4.832394994	-0.987724313	-1.974852893	0.7308586	0.3286703	0.7945616	0.6346214	-0.0605836
5925000000	0.680678408	-0.733038286	-4.145852444	-5.111259436	-1.382155063	-1.861182833	0.7217965	0.3082294	0.7274188	0.6514509	-2.2042402
5925000000	0.680678408	-0.680678408	-0.250561761	-5.573886617	-1.254871373	-1.899690859	0.9439388	0.2770839	0.7490535	0.6457002	-1.5445937
5925000000	0.680678408	-0.628318531	-0.022340067	-7.120732628	-0.811291877	-2.298854368	0.9948692	0.1940558	0.829604	0.588999	-1.8583101
5925000000	0.680678408	-0.575958653	-1.144012675	-10.61503735	-0.619110992	-3.135072361	0.7684201	0.0867953	0.8671394	0.4858394	-2.5802272
5925000000	0.680678408	-0.523598776	-2.807893685	-16.96395255	-0.948255763	-4.335904497	0.5238544	0.0201189	0.8038489	0.3684763	-3.6746715
5925000000	0.680678408	-0.471238898	-3.191298452	-21.07314213	-1.607259145	-5.668302334	0.47959	0.0078106	0.6906755	0.2711047	-4.4093741
5925000000	0.680678408	-0.41887902	-2.756822527	-16.3458518	-2.183924448	-6.724654677	0.5300511	0.0231961	0.6047941	0.2125859	-4.6514063
5925000000	0.680678408	-0.366519143	-3.493406341	-14.43581544	-2.573280051	-7.111241886	0.4473623	0.060096	0.5526831	0.2944804	-5.1196588
5925000000	0.680678408	-0.314159265	-5.952452843	-15.90283758	-3.138676594	-7.082354499	0.2539538	0.0256872	0.4854364	0.1957783	-6.1940183
5925000000	0.680678408	-0.261799388	-7.584751441	-21.4159571	-4.356787323	-7.40754287	0.1743913	0.0072178	0.3667087	0.1816543	-7.8735369
5925000000	0.680678408	-0.20943951	-6.079098017	-18.59391581	-6.507346591	-8.690528158	0.2466552	0.0138232	0.2234937	0.1351908	-8.102557
5925000000	0.680678408	-0.157079633	-5.391426739	-15.11268757	-9.276963189	-11.23164646	0.288973	0.0308128	0.1181146	0.075307	-8.9176702
5925000000	0.680678408	-0.104719755	-6.125498163	-16.18485341	-11.48510743	-13.73762336	0.2440339	0.0407211	0.0710378	0.04229	-10.260648
5925000000	0.680678408	-0.052359878	-6.685281246	-17.39542196	-11.97981721	-11.79684861	0.214522	0.0182162	0.0635173	0.0661173	-10.429043
5925000000	0.680678408	-4.446-16	-6.963298956	-12.77767645	-11.03294126	-8.622648323	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984779
5925000000	0.680678408	0.052359878	-8.875796004	-8.859589875	-10.29268967	-6.766709523	0.1295449	0.1300292	0.0934827	0.2105373	-8.5109354
5925000000	0.680678408	0.104719755	-13.79672635	-6.280921301	-10.62418827	-6.049026685	0.0417184	0.235455	0.0866126	0.248369	-8.1519685
5925000000	0.680678408	0.157079633	-18.59044648	-5.009009451	-11.44201591	-5.953514759	0.0138342	0.3155724	0.0717461	0.2538917	-7.8578919
5925000000	0.680678408	0.20943951	-17.50708795	-4.772542811	-11.40660603	-5.977994578	0.0177538	0.3332312	0.0723335	0.2524646	-7.7225263
5925000000	0.680678408	0.261799388	-18.43906883	-3.990603774	-10.62277142	-5.824751611	0.014325	0.3989694	0.0866409	0.261532	-7.2040875
5925000000	0.680678408	0.314159265	-14.30660453	-1.948233088	-9.668684992	-5.343776284	0.0370971	0.685232	0.1079273	0.2921611	-5.7036531
5925000000	0.680678408	0.366519143	-9.451144594	-0.329014672	-8.152761941	-4.468333014	0.1134712	0.9270401	0.1530114	0.35741	-4.1146704
5925000000	0.680678408	0.41887902	-6.829706507	-0.001941172	-5.999924899	-3.380863784	0.2075054	0.9995531	0.251193	0.4591067	-3.1935674
5925000000	0.680678408	0.471238898	-5.836767926	-0.762966556	-3.960828158	-2.371118046	0.2608094	0.8388868	0.4017082	0.5792795	-2.8385388
5925000000	0.680678408	0.523598776	-5.86359317	-2.119565209	-2.587048553	-1.584688431	0.2592034	0.7551678	0.5511822	0.6942744	-2.7948465
5925000000	0.680678408	0.575958653	-5.855901114	-0.093048232	-1.873191056	-1.021154175	0.2596629	0.9788027	0.6496522	0.7904685	-1.7415434
5925000000	0.680678408	0.628318531	-4.942630541	1.175811603	-1.438987358	-0.604893613	0.3204328	1.310935	0.7179617	0.8699827	-0.9426989
5925000000	0.680678408	0.680678408	-3.790735961	1.647744263	-0.233217408	-0.233217408	0.4177596	1.4614179	0.8217798	0.9477161	-0.39925
5925000000	0.680678408	0.733038286	-3.082307978	2.131287734	-0.054978385	0.16716137	0.4917781	1.6335362	0.9874206	1.0392407	0.161948
5925000000	0.680678408	0.785398163</									

5925000000	0.733038286	-3.141592654	-17.25575569	-20.41820006	-22.12442636	-18.28340329	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.733038286	-3.089232776	-19.11781675	-14.96690599	-23.58635769	-19.89302747	0.0122523	0.0318647	0.0043789	0.0102494	-18.330872
5925000000	0.733038286	-0.036872899	-15.07218946	-11.06366623	-25.70513746	-20.42015844	0.0311015	0.0782769	0.0026884	0.0090779	-15.187561
5925000000	0.733038286	-2.984513021	-13.73292576	-7.843116136	-24.74859949	-18.19261883	0.0423358	0.1643192	0.0033507	0.0151614	-12.495551
5925000000	0.733038286	-2.932153143	-12.93723576	-6.629021624	-17.35105218	-15.38327116	0.0508483	0.2173191	0.0184033	0.0289516	-11.3303
5925000000	0.733038286	-2.879793266	-12.00141351	-6.558616106	-13.16534295	-11.69486483	0.0630752	0.2208708	0.0482465	0.0676883	-10.001294
5925000000	0.733038286	-2.827433388	-12.55235706	-6.681124561	-11.2846282	-9.058329222	0.0555603	0.2147274	0.0744	0.124213	-9.3097906
5925000000	0.733038286	-2.775073511	-13.89687886	-7.778403813	-10.89501197	-8.247598376	0.0407673	0.166786	0.0813765	0.1497063	-9.599556
5925000000	0.733038286	-2.722713633	-12.94326697	-9.701590021	-11.47519703	-8.544198921	0.0507777	0.1071127	0.0712	0.1398235	-10.351349
5925000000	0.733038286	-2.670357556	-10.19715995	-9.346952423	-12.48639662	-8.202272835	0.0955617	0.1162264	0.0564106	0.1512769	-9.7935327
5925000000	0.733038286	-2.617993878	-7.89466273	-7.732044965	-13.31346214	-6.863478528	0.1623804	0.1685759	0.0466288	0.20589	-8.360317
5925000000	0.733038286	-2.565634	-7.146254866	-6.590644406	-13.7371647	-5.719528221	0.1929188	0.219248	0.0422945	0.2679459	-7.4327796
5925000000	0.733038286	-2.513274123	-7.991831079	-5.925608934	-14.21773463	-5.175610468	0.1588777	0.2555284	0.037864	0.3036959	-7.2360944
5925000000	0.733038286	-2.460914245	-8.27313055	-6.151535374	-15.02957305	-5.136364183	0.1488288	0.2425752	0.0314082	0.3064528	-7.3917463
5925000000	0.733038286	-2.408554368	-6.342116453	-7.120911203	-15.25033852	-5.405759904	0.2321605	0.1940479	0.0298515	0.2880209	-7.304399
5925000000	0.733038286	-2.35619449	-4.581452276	-7.550508445	-14.16346964	-5.724720903	0.3482209	0.1757718	0.0383401	0.3676258	-6.830363
5925000000	0.733038286	-2.30834613	-3.614350957	-7.369817448	-13.02213847	-5.968169583	0.4350758	0.1832391	0.0498639	0.2530634	-6.3769888
5925000000	0.733038286	-2.251474735	-3.012765201	-7.885669661	-12.26376662	-6.37158362	0.4997163	0.162717	0.0593777	0.2305906	-6.2323987
5925000000	0.733038286	-2.199114858	-2.763000238	-8.920537308	-11.25420028	-7.728705872	0.5292977	0.1282172	0.0749169	0.187124	-6.3848193
5925000000	0.733038286	-2.14675498	-3.08398096	-8.920193737	-10.25677377	-8.649400966	0.4915887	0.1282273	0.094259	0.1364771	-6.7235903
5925000000	0.733038286	-2.094395102	-3.689077197	-8.000061425	-10.12135206	-9.789496027	0.4276537	0.1584871	0.0972444	0.1049664	-7.0533999
5925000000	0.733038286	-2.042035225	-3.769383725	-7.021873252	-10.77800705	-10.02169517	0.4198186	0.1985238	0.0835987	0.0995017	-6.9818749
5925000000	0.733038286	-1.989675347	-3.317112185	-6.040133472	-10.76971165	-9.560674659	0.4658958	0.2488781	0.0837585	0.1106452	-6.4341129
5925000000	0.733038286	-1.93731547	-3.135187065	-5.27529788	-9.427163619	-8.664468483	0.4858266	0.2968043	0.1140995	0.1360045	-5.8807116
5925000000	0.733038286	-1.884955592	-3.466848012	-4.896062675	-8.162824064	-7.35395501	0.4501064	0.3238872	0.1526573	0.1839096	-5.5651776
5925000000	0.733038286	-1.832595715	-3.807489328	-4.615215937	-7.476586459	-5.838918838	0.4165111	0.3455241	0.1787892	0.2606802	-5.2246465
5925000000	0.733038286	-1.780235837	-3.558711229	-3.97916722	-6.823779849	-4.378557489	0.4406855	0.4002014	0.2077887	0.3648751	-4.5180367
5925000000	0.733038286	-1.72787596	-2.900137146	-3.092432914	-5.963250963	-3.09149737	0.5128452	0.4906329	0.2533232	0.4907386	-3.5963288
5925000000	0.733038286	-1.675516082	-2.376467728	-2.495586024	-5.349388163	-2.000561098	0.5785664	0.5629132	0.2917838	0.6308758	-2.8732101
5925000000	0.733038286	-1.623156204	-2.143002346	-2.395451902	-5.175276564	-1.079850688	0.6105198	0.5760429	0.3037193	0.7778659	-2.4600756
5925000000	0.733038286	-1.570796327	-1.910760603	-2.532823085	-4.908084196	-0.279109999	0.6440565	0.5581073	0.3229919	0.9377542	-2.1061149
5925000000	0.733038286	-1.518436449	-1.287722068	-2.527746594	-3.780692321	-0.441826056	0.743409	0.55876	0.4187268	1.1070892	-1.5058289
5925000000	0.733038286	-1.466076572	-0.328013784	-2.278286069	-2.159677301	1.087051429	0.9272538	0.5917976	0.6081802	1.2844143	-0.6909604
5925000000	0.733038286	-1.413716694	0.491486156	-2.051225821	-0.967648385	1.602129039	1.119821	0.6235588	0.8002675	1.4461485	-0.0110932
5925000000	0.733038286	-1.361356817	0.849188878	-2.18549617	-0.475841281	1.896097339	1.2159589	0.6045753	0.8962226	1.5744254	-0.7775756
5925000000	0.733038286	-1.308996639	0.901129876	-2.763282039	-0.361948717	1.928500623	1.2305889	0.5929633	0.9200367	1.5590319	0.2519531
5925000000	0.733038286	-1.2566637061	1.169303225	-3.51010651	-0.094198212	1.779370866	1.3089719	0.4456453	0.9785346	1.5063888	0.2525973
5925000000	0.733038286	-1.204277184	1.796546501	-3.896572963	0.498835841	1.631535413	1.5123581	0.4077019	1.1217177	1.4559737	0.5095456
5925000000	0.733038286	-1.151917306	2.144546629	-3.692963078	1.029176137	1.628864523	1.6651205	0.4272713	1.2674114	1.4550786	0.8052564
5925000000	0.733038286	-1.099557429	1.928546828	-3.41433879	1.692700806	1.029176137	1.5590308	0.4555815	1.2859257	1.4766245	-0.7701003
5925000000	0.733038286	-1.047197551	1.138098805	-3.60909728	0.675069293	1.567939747	1.2996005	0.4356024	1.1681724	1.4348086	0.5324797
5925000000	0.733038286	-0.994837674	0.832629187	-4.233375557	0.166318223	1.062943589	1.2113312	0.3772788	1.034265	1.2773043	-0.1095742
5925000000	0.733038286	-0.942477796	1.230625649	-4.683261329	-0.084309007	0.205816638	1.3275875	0.3401527	0.9807743	1.0485319	-0.342053
5925000000	0.733038286	-0.890117919	1.164142297	-4.632320813	-0.252910384	-0.73948783	1.3074173	0.341466	0.9878908	0.8433432	-0.6011795
5925000000	0.733038286	-0.837758041	0.005323681	-4.573164792	-0.154939858	-1.452638847	1.0012266	0.348886	0.9649527	0.7157084	-1.2050649
5925000000	0.733038286	-0.785398163	-1.344316279	-4.688017367	-0.5730005	-1.882881819	0.7337842	0.3397733	0.8763943	0.6482082	-1.3739476
5925000000	0.733038286	-0.733038286	-0.851668109	-4.636596421	-0.995808595	-2.238237616	0.8219269	0.3438273	0.7950952	0.5972776	-1.9413789
5925000000	0.733038286	-0.680678408	0.424422295	-4.806210051	-0.974770694	-2.704934962	1.1026615	0.330658	0.7989561	0.5364219	-1.5978448
5925000000	0.733038286	-0.628318531	0.678923745	-6.167079394	-0.631564982	-3.387577792	1.1692096	0.2417086	0.8646563	0.4853975	-1.5346567
5925000000	0.733038286	-0.575958653	-0.422088778	-9.482439253	-0.496172864	-4.320523111	0.907384	0.1126565	0.8920367	0.3697836	-2.4377085
5925000000	0.733038286	-0.523598766	-2.289625314	-15.64237258	-0.856745565	-5.345600969	0.590252	0.0272749	0.8209665	0.2920384	-3.6384607
5925000000	0.733038286	-0.471238892	-3.130025319	-21.45948466	-1.550243448	-6.091103209	0.4864044	0.0071458	0.6998028	0.2459474	-4.4390045
5925000000	0.733038286	-0.41887907	-2.781681144	-16.37946456	-2.17518049	-6.314347631	0.5270258	0.0230173	0.6060129	0.2336497	-4.591371
5925000000	0.733038286	-0.366519143	-3.368497268	-14.13285705	-2.609976434	-6.205456071	0.4604159	0.0386113	0.5482799	0.2395821	-4.9251884
5925000000	0.733038286	-0.314159265	-5.705824952	-15.45736066	-6.28945677	-6.29053561	0.2687927	0.0284619	0.4797968	0.2382839	-5.9540527
5925000000	0.733038286	-0.261799388	-7.476299378	-21.16437135	-4.397111	-6.854101468	0.178801	0.0076483	0.3633197	0.2063341	-7.2347385
5925000000	0.733038286	-0.20943951	-0.067144615	-18.93742805	-6.533747315	-8.453294346	0.247335	0.0127719	0.2221392	0.142781	-8.0616707
5925000000	0.733038286	-0.157079633	-5.369015773	-15.20325788	-9.298832416	-11.25878052	0.2904681	0.0301769	0.1175213	0.074838	-8.9193092
5925000000	0.733038286	-0.104719755	-6.117811115	-16.21077815	-11.48828586	-13.89595961	0.2444662	0.0239289	0.0709858	0.0407759	-10.220972
5925000000	0.733038286	-0.052359878	-6.683149978	-17.37463576	-11.96050571	-11.85539598	0.2146273	0.0183036	0.0636721	0.065232	-10.435494
5925000000	0.733038286	-4.44E-16	-6.963298923	-12.77767614	-11.03294113	-8.6224648771	0.2012195	0.0527512	0.0788326	0.1373204	-9.298478
5925000000	0.733038286	0.052359878	-8.934968245	-8.92126015	-10.36173962	-6.725591574	0.1277919	0.1281959	0.0920081	0.2125401	-8.5346567
5925000000	0.733038286	0.104719755	-14.03364605	-6.331728039	-10.86213665	-5.987390598	0.0395035	0.2327165	0.0819948	0.251919	-8.1949148
5925000000	0.733038286	0.157079633	-18.80310692	-4.979421013	-11.84353662	-5.920431308	0.0131731	0.3177298	0.0654103	0.2558332	-8.7771488
5925000000	0.733038286	0.20943951	-17.28440148	-4.638123612	-11.75332511	-6.013908878	0.0186879	0.3437064	0.0667832	0.2503855	-7.6980227
5925000000	0.733038286	0.261799388	-18.00300934	-3.824402604	-10.88700186	-5.872405718	0.015838	0.4145336	0.0815267	0.258678	-7.152444
5925000000	0.733038286	0.314159265	-14.72736503	-1.836695392	-9.966187704	-5.23311111	0.0336716	0.6551345	0.1007816	0.2997015	-5.6491682
5925000000	0.733038286	0.3665191									

5925000000	0.733038286	2.775073511	-6.263681796	-6.732406143	-18.38952951	-8.550978402	0.2363915	0.2122068	0.0144893	0.1396054	-8.2196385
5925000000	0.733038286	2.827433388	-7.463374106	-7.830465141	-18.46718621	-7.988267323	0.179334	0.1647986	0.0142325	0.1589181	-8.8833167
5925000000	0.733038286	2.879793266	-8.760095869	-7.503651896	-18.34817625	-8.201085569	0.1330425	0.1776785	0.0146279	0.1513183	-9.2384474
5925000000	0.733038286	2.932153143	-9.910060975	-8.370937757	-18.98393778	-9.599897336	0.1020923	0.1455145	0.0126375	0.1096481	-10.339845
5925000000	0.733038286	2.984513021	-12.52158707	-10.2965893	-21.60574068	-12.48326309	0.0559553	0.0933988	0.0060902	0.0564513	-12.742629
5925000000	0.733038286	3.036872899	-14.46970515	-13.05047347	-22.00559021	-16.28675544	0.0357297	0.0495396	0.0062293	0.0235139	-15.413148
5925000000	0.733038286	3.089232776	-14.38118376	-20.06640772	-21.00371156	-18.06927576	0.0364655	0.0098483	0.0079426	0.0155981	-17.57866
5925000000	0.733038286	3.141592654	-17.25575569	-20.41820006	-22.12442636	-18.28340329	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.785398163	-3.141592654	-17.25575608	-20.41819988	-22.12442662	-18.28340347	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.785398163	-3.089232776	-19.30535178	-14.95941479	-23.90712942	-19.43816517	0.0117345	0.0319197	0.0040671	0.0113811	-18.30455
5925000000	0.785398163	-3.036872899	-15.2192807	-11.01711343	-26.56506328	-19.38728497	0.0300657	0.0791204	0.0022054	0.0115152	-15.124841
5925000000	0.785398163	-2.984513021	-13.89895541	-7.868279	-25.62331632	-17.60899712	0.0407478	0.1633699	0.0027395	0.017342	-12.514258
5925000000	0.785398163	-2.932153143	-13.24255545	-6.702575542	-17.8976504	-15.08455208	0.0473963	0.2136695	0.0126269	0.0310131	-11.130784
5925000000	0.785398163	-2.879793266	-12.54094112	-6.545882688	-13.72906646	-11.40231311	0.0557065	0.2215194	0.0423734	0.072405	-10.087691
5925000000	0.785398163	-2.827433388	-13.25035817	-6.620966975	-11.86543783	-8.747870811	0.0473112	0.2177225	0.0650813	0.1334175	-9.3597975
5925000000	0.785398163	-2.775073511	-13.74257866	-7.903427674	-11.49212598	-7.866810601	0.0422418	0.1620531	0.070923	0.1634252	-9.5994874
5925000000	0.785398163	-2.722713633	-11.69669761	-10.06331571	-12.1034947	-8.032425332	0.0676597	0.0985527	0.0616099	0.1573104	-10.164496
5925000000	0.785398163	-2.670353756	-9.029261978	-9.622583422	-13.00746693	-7.645027519	0.1250472	0.1090791	0.0500326	0.1719876	-9.429556
5925000000	0.785398163	-2.617993878	-6.803619674	-8.051433941	-13.37455056	-6.354807908	0.2087556	0.1566234	0.0459775	0.2314831	-7.9395747
5925000000	0.785398163	-2.565634	-5.718540153	-6.815968639	-13.344530161	-5.244530161	0.2680069	0.2801628	0.0462981	0.2989145	-6.8751464
5925000000	0.785398163	-2.513274123	-5.864127182	-5.832700257	-13.88147327	-4.77717587	0.2591715	0.2610538	0.0409122	0.3328759	-6.5071595
5925000000	0.785398163	-2.460914245	-6.139412507	-5.838237554	-15.46057703	-4.925228576	0.2432533	0.2607211	0.0284408	0.3217193	-6.7053368
5925000000	0.785398163	-2.408554368	-5.525211139	-6.764869613	-16.6489395	-5.520205828	0.2802069	0.2106265	0.0216325	0.2805301	-7.02789
5925000000	0.785398163	-2.35619449	-4.822662437	-7.036031511	-15.16101047	-6.292365005	0.3294077	0.1978777	0.0304719	0.2348354	-7.0300996
5925000000	0.785398163	-2.303834613	-4.457960914	-6.397172493	-13.37260533	-6.980484748	0.3582646	0.229236	0.0459981	0.2004248	-6.809338
5925000000	0.785398163	-2.251474475	-4.014136029	-6.428880744	-12.46535779	-7.567754892	0.3968135	0.2275684	0.0566845	0.1750752	-6.6951445
5925000000	0.785398163	-2.199114858	-3.567650337	-7.390726871	-11.59826037	-8.139186032	0.4397795	0.182359	0.0692107	0.1534905	-6.752857
5925000000	0.785398163	-2.14675498	-3.589988165	-8.253435806	-10.56032088	-8.415885391	0.4375233	0.1495052	0.0878958	0.1440167	-6.8880762
5925000000	0.785398163	-2.094395102	-3.93184303	-8.249874249	-10.17470596	-8.057058066	0.4044042	0.1490347	0.0960571	0.1564202	-6.9545028
5925000000	0.785398163	-2.042035225	-3.867990357	-7.644850522	-10.61343747	-7.535654333	0.4103939	0.1719947	0.0868273	0.1839224	-6.7104057
5925000000	0.785398163	-1.989675347	-3.417346207	-6.763532908	-10.81674705	-7.701212099	0.4552662	0.1206914	0.0828563	0.2137365	-6.1863655
5925000000	0.785398163	-1.93731547	-3.27586069	-5.991003595	-9.906371842	-6.135431298	0.4703422	0.2517095	0.1021793	0.2434764	-5.7360775
5925000000	0.785398163	-1.884955592	-3.527577983	-5.496940711	-8.781680216	-5.529811047	0.4438561	0.2820369	0.1323829	0.2799103	-5.4584666
5925000000	0.785398163	-1.832595715	-3.521202387	-4.997035613	-7.983268203	-4.787380387	0.4445082	0.3164437	0.1591011	0.3320947	-5.0404444
5925000000	0.785398163	-1.780235837	-2.805207723	-4.179406468	-7.116805267	-3.909985362	0.5241785	0.3819965	0.1942314	0.4064447	-4.2398965
5925000000	0.785398163	-1.727875936	-1.847535564	-3.318484597	-6.096331173	-3.008320871	0.6535013	0.4657486	0.2456783	0.5002279	-3.313448
5925000000	0.785398163	-1.675516082	-1.208236631	-2.88521471	-5.397116521	-2.222472047	0.7571403	0.5146104	0.2885947	0.5994498	-2.6764744
5925000000	0.785398163	-1.623156204	-0.952590816	-2.890151293	-5.19845631	-1.602868482	0.8030469	0.5140257	0.3020685	0.6913742	-2.3835114
5925000000	0.785398163	-1.570796327	-0.709092357	-2.932200638	-5.020399979	-1.079100165	0.849358	0.5090729	0.3147458	0.7799917	-2.1233264
5925000000	0.785398163	-1.518436449	-0.402407403	-2.673315467	-4.051661859	-0.543157229	0.9903649	0.5403417	0.3933995	0.8824382	-1.9538809
5925000000	0.785398163	-1.466076572	0.974163441	-2.178566937	-2.487380566	0.031043734	1.2514582	0.6055407	0.5639777	1.0071737	-0.6700014
5925000000	0.785398163	-1.413716694	1.870192391	-1.823764024	-1.246175497	0.532683749	1.5382228	0.6570881	0.7505549	1.1304943	-0.0821255
5925000000	0.785398163	-1.361356817	2.365463367	-1.930571632	-0.661731126	0.797122818	1.724036	0.6411252	0.8586712	1.2014682	0.4388278
5925000000	0.785398163	-1.308996939	2.591286586	-2.48489218	-0.46075329	0.760548127	1.8160536	0.564301	0.8993416	1.1913924	0.4835327
5925000000	0.785398163	-1.256637061	2.918396297	-3.115573728	-0.163218299	0.544316638	1.9581215	0.4880256	0.9631151	1.1332655	0.5526254
5925000000	0.785398163	-1.204277184	3.406698168	-3.317397209	0.39998642	0.400636416	2.1911384	0.4658652	1.0964788	1.0966389	0.8362215
5925000000	0.785398163	-1.151917306	3.601036178	-3.056017386	0.901611396	0.494597498	2.2914143	0.4947642	1.2307253	1.1206236	1.0869416
5925000000	0.785398163	-1.09557429	3.039705781	-2.920176185	0.981171839	0.697590727	2.3015878	0.5104843	1.2534794	1.174246	0.9270288
5925000000	0.785398163	-1.047197551	1.740333556	-3.326521949	0.636931948	0.7092727848	1.4929091	0.4648868	1.157959	1.1774088	0.3071748
5925000000	0.785398163	-0.994837674	0.611895208	-0.4064665924	0.222885487	0.343493111	1.1513027	0.3922233	1.052661	1.0823041	-0.3639027
5925000000	0.785398163	-0.942477796	0.500568905	-4.489185387	0.106111656	-0.343474637	1.1221654	0.355698	1.024734	0.9239587	-0.6720214
5925000000	0.785398163	-0.890117919	0.43010315	-4.439083199	0.219685238	-1.109121682	1.1041048	0.3598253	1.0518856	0.7746184	-0.8480678
5925000000	0.785398163	-0.87578041	-0.399734327	-4.43973547	0.1752095796	-1.752099308	0.9120666	0.3597847	1.0406881	0.6680209	-1.2797601
5925000000	0.785398163	-0.785398163	-1.020883643	-4.494358723	-0.21963517	-2.316933771	0.7905178	0.3552746	0.950766	0.5865521	-1.7342143
5925000000	0.785398163	-0.733038286	-1.67767273	-0.680320017	-0.680320017	-0.96431812	0.9848373	0.3822322	0.8550037	0.505322	-1.6833192
5925000000	0.785398163	-0.680678408	1.164188297	-0.4065459639	-0.765103368	-3.739602584	1.3074312	0.3921516	0.8384741	0.4227073	-1.3065617
5925000000	0.785398163	-0.628318531	1.348159425	-5.197275606	-0.525424082	-4.576838541	1.3640049	0.3021847	0.8860487	0.348591	-1.3953782
5925000000	0.785398163	-0.575958653	0.231543199	-8.204102406	-0.451295974	-5.37214593	1.0547616	0.1512132	0.9013021	0.2902588	-2.229489
5925000000	0.785398163	-0.523598766	-1.763207629	-13.59419656	-0.848293243	-5.89233141	0.6663145	0.04371	0.8225659	0.2574938	-3.4918655
5925000000	0.785398163	-0.471238898	-2.984388903	-19.12992764	-1.579635621	-5.893996534	0.502992	0.0122182	0.6950826	0.2573951	-3.4542624
5925000000	0.785398163	-0.41887902	-2.769309131	-15.87647594	-2.249079201	-5.548123474	0.5285293	0.0258436	0.5957885	0.2787325	-4.4706062
5925000000	0.785398163	-0.366519143	-3.244757601	-13.72788014	-2.715567281	-5.298052717	0.4737227	0.042385	0.5351103	0.2952533	-4.7268209
5925000000	0.785398163	-0.314195265	-5.472693328	-14.97910664	-3.296733957	-5.496744529	0.283616	0.0317753	0.468087	0.2820496	-5.7449515
5925000000	0.785398163	-0.261799388	-7.356725108	-20.5618566	-4.481450844	-6.406577752	0.1837924	0.0087865	0.3563321	0.2287401	-7.112527
5925000000	0.785398163	-0.20943951	-6.060519274	-19.1127644	-6.593283544	-8.282385244	0.2477126	0.0122666	0.2191148	0.148512	-8.0437297
5925000000	0.785398163	-0.157079633	-5.363028361	-15.29259484	-11.31143622	-0.2908688	0.2908688	0.0295623	0.1163664	0.0793961	-8.2398122
5925000000	0.785398163	-0.104719755	-6.120203226	-16.24288374	-11.50028429	-14.02798718	0.2443316	0.0327526	0.0707899	0.039555	-10.240754
5925000000	0.785398163										

5925000000	0.785398163	2.35619449	-6.315475155	-3.512399972	-14.02189101	-7.011798144	0.2335891	0.44541	0.0396106	0.1989849	-6.3940915
5925000000	0.785398163	2.408554368	-7.528979072	-2.208610189	-12.57240125	-9.095335399	0.1766453	0.6013662	0.0553044	0.1231591	-6.2138638
5925000000	0.785398163	2.460914245	-7.820923866	-2.315388679	-11.27336976	-10.20942133	0.165161	0.5867609	0.074587	0.0952923	-6.3742273
5925000000	0.785398163	2.513274123	-7.056603999	-4.599044651	-11.16117333	-10.83277616	0.1969426	0.3468131	0.076539	0.082551	-7.552
5925000000	0.785398163	2.565634	-6.647639127	-10.88935895	-12.47838393	-11.23038109	0.2163895	0.0814825	0.0565147	0.0753289	-9.6887889
5925000000	0.785398163	2.617993873	-7.473669128	-13.66268287	-15.8675358	-9.73769518	0.1789094	0.0430261	0.0258968	0.0805806	-10.856398
5925000000	0.785398163	2.670353756	-8.095559827	-6.753305838	-20.38566694	-10.0471423	0.1550401	0.2111881	0.0091503	0.0895204	-9.2600795
5925000000	0.785398163	2.722713633	-6.997832606	-5.175712054	-18.77241876	-9.080169986	0.1996258	0.3036888	0.0132666	0.1235899	-7.9576392
5925000000	0.785398163	2.775073511	-6.527731059	-6.245424377	-17.60155021	-8.283878882	0.2224472	0.2373873	0.0173718	0.1484609	-8.50571658
5925000000	0.785398163	2.827433388	-7.497327667	-6.923319312	-18.06690445	-7.840195558	0.1779374	0.2030804	0.0156066	0.1644298	-8.83505514
5925000000	0.785398163	2.879793266	-8.671706305	-6.606458277	-17.41889567	-8.163512199	0.135778	0.2184511	0.018118	0.1526331	-8.8191708
5925000000	0.785398163	2.932153143	-9.912035213	-7.665822318	-17.65673786	-9.712460356	0.1020461	0.1711661	0.0171525	0.1068449	-10.030402
5925000000	0.785398163	2.984513021	-12.62549981	-9.895042551	-20.49273928	-12.71705976	0.0546324	0.1024462	0.0089274	0.0534926	-12.606282
5925000000	0.785398163	3.036872899	-14.59225993	-12.90939952	-22.03921883	-16.48641513	0.0347355	0.0511753	0.0062529	0.0224573	-15.427958
5925000000	0.785398163	3.089232776	-14.42280911	-20.05617149	-21.02809696	-18.12668654	0.0361176	0.0098715	0.0078921	0.0153933	-17.6148969
5925000000	0.785398163	3.141592654	-17.25575608	-20.41819988	-22.12442626	-18.28340347	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.837758041	-3.141592654	-17.25575623	-20.41819991	-22.12442638	-18.28340327	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.837758041	-3.089232776	-19.51814103	-14.95962598	-24.22759153	-19.00557845	0.0111734	0.0319181	0.0037778	0.0125731	-18.279633
5925000000	0.837758041	-3.036872899	-15.40558243	-10.99279981	-27.36403721	-18.44831321	0.0288033	0.0795646	0.0018348	0.0142945	-15.069004
5925000000	0.837758041	-2.984513021	-14.13125063	-7.907521863	-26.55911349	-16.89873905	0.0386256	0.1619004	0.0022085	0.0204233	-12.334481
5925000000	0.837758041	-2.932153143	-13.68119057	-6.767639313	-18.66119086	-14.67032533	0.0428431	0.2104922	0.0136107	0.0341167	-11.234029
5925000000	0.837758041	-2.879793266	-13.10644237	-6.523255414	-15.45457011	-11.11555939	0.0489053	0.2226765	0.0350368	0.0773471	-10.176765
5925000000	0.837758041	-2.827433388	-13.33596706	-6.560824487	-12.74017579	-8.439380908	0.0463877	0.2207586	0.0532087	0.1432392	-9.3592201
5925000000	0.837758041	-2.775073511	-12.34552552	-7.989875807	-12.38732455	-7.404992182	0.0582703	0.1588592	0.0577134	0.1810761	-9.4252032
5925000000	0.837758041	-2.722713633	-10.17164377	-10.35767562	-12.9669804	-7.351104625	0.0961248	0.0920942	0.0505012	0.1840304	-9.7554421
5925000000	0.837758041	-2.670353756	-8.310707802	-9.874062007	-13.61732544	-6.988875312	0.1475466	0.1029423	0.0434778	0.200038	-9.0832894
5925000000	0.837758041	-2.617993873	-6.486349011	-8.382466272	-13.48338913	-5.994295333	0.2245769	0.1451287	0.0448395	0.2515186	-7.7854421
5925000000	0.837758041	-2.565634	-5.15659845	-7.130927017	-13.14075521	-5.178055788	0.3050283	0.1936009	0.0485204	0.303525	-6.7229655
5925000000	0.837758041	-2.513274123	-4.754943396	-5.906332842	-13.75274373	-4.98931898	0.3345844	0.256665	0.042134	0.3170065	-6.2415407
5925000000	0.837758041	-2.460914245	-4.839396617	-5.67781909	-15.92076192	-5.436342957	0.3281001	0.2705317	0.0255814	0.2859998	-6.4291701
5925000000	0.837758041	-2.408554368	-4.856842359	-6.401204871	-17.98836119	-6.298220552	0.3268254	0.2290232	0.0158905	0.234519	-6.93558595
5925000000	0.837758041	-2.35619449	-4.94479298	-6.399973275	-15.84477433	-7.120482183	0.3202733	0.2298082	0.0260329	0.194067	-7.1587316
5925000000	0.837758041	-2.303834613	-5.137002553	-5.436065142	-13.51504478	-7.41182843	0.3064077	0.2860181	0.0445139	0.1814751	-6.8908648
5925000000	0.837758041	-2.251474735	-4.969598346	-5.139323739	-12.68617078	-7.170743136	0.3184492	0.306244	0.0538745	0.191834	-6.6234024
5925000000	0.837758041	-2.199114858	-4.617817004	-5.949412502	-12.21456871	-6.762081081	0.3453173	0.2541316	0.0600542	0.2107618	-6.6240853
5925000000	0.837758041	-2.14675498	-4.742922028	-7.287595315	-11.25537878	-6.35994705	0.3355118	0.1867413	0.0748966	0.2312093	-6.8384183
5925000000	0.837758041	-2.094395102	-5.181817688	-8.184808943	-10.5845734	-5.991933071	0.3032622	0.1518865	0.0874063	0.2516557	-7.0212432
5925000000	0.837758041	-2.042035225	-4.988699187	-8.088407122	-10.68106771	-5.712129634	0.3170517	0.1552956	0.0854857	0.2678369	-7.8525356
5925000000	0.837758041	-1.989675347	-4.272247553	-7.362387377	-10.86453915	-5.563490036	0.373917	0.1835529	0.0819495	0.277478	-6.3961137
5925000000	0.837758041	-1.93731547	-3.924764234	-6.685179456	-10.31823725	-5.463155315	0.4050639	0.214527	0.0929344	0.2842395	-6.0461727
5925000000	0.837758041	-1.884955592	-3.953296071	-6.210731922	-9.428516749	-5.346704787	0.4024115	0.2392912	0.1140639	0.2919641	-5.8180127
5925000000	0.837758041	-1.832595715	-3.570505558	-5.535091655	-8.580054154	-5.073702462	0.4394905	0.2795702	0.1386739	0.3109065	-5.3437889
5925000000	0.837758041	-1.780235837	-2.43618229	-4.486092707	-7.494833446	-4.71485657	0.5706657	0.3359514	0.1780396	0.3533877	-4.3828923
5925000000	0.837758041	-1.72787596	-1.189854269	-3.631394886	-6.274896662	-3.857081759	0.7603518	0.4333717	0.2355879	0.1848965	-3.7854013
5925000000	0.837758041	-1.675516082	-0.378357555	-3.443336519	-5.46223468	-3.119327883	0.9165671	0.4525498	0.2842998	0.4876039	-2.7143951
5925000000	0.837758041	-1.623156204	-0.013436638	-3.72288044	-5.211966138	-2.638313862	0.9969109	0.424338	0.3011642	0.5447141	-2.465841
5925000000	0.837758041	-1.570796327	0.30935533	-3.814591001	-5.087135129	-2.231946842	1.07383	0.4154712	0.3099463	0.5981434	-2.2232114
5925000000	0.837758041	-1.518464449	1.026074576	-3.340333418	-4.269316251	-1.725573308	1.2656066	0.4634113	0.3741695	0.6721126	-1.586098
5925000000	0.837758041	-1.466076572	2.054613848	-2.580767801	-2.78961271	-1.115245609	1.6049495	0.5519798	0.5260642	0.7735369	-0.6342085
5925000000	0.837758041	-1.4131716694	2.955376614	-2.084726392	-1.5275041	-0.608665813	1.9748661	0.1867673	0.7034765	0.8692274	0.1769444
5925000000	0.837758041	-1.361356817	3.478223786	-2.172251633	-0.87293641	-0.246971047	2.2275239	0.6064218	0.8179116	0.9016365	0.5673547
5925000000	0.837758041	-1.30896939	3.740099332	-2.711328218	-0.60001033	-0.611870356	2.3659738	0.5356328	0.8709615	0.8685863	0.6456603
5925000000	0.837758041	-1.256637061	4.051278386	-3.182695292	-0.27533659	-0.955240971	2.5417208	0.480541	0.9385693	0.802557	0.5785568
5925000000	0.837758041	-1.204277184	4.443285666	-3.086265388	0.258788699	-1.108896688	2.7818171	0.4913302	1.0613995	0.7746586	1.0629336
5925000000	0.837758041	-1.151917306	4.497023453	-2.626543186	0.720954316	-0.920586292	2.8164519	0.5461924	1.1805733	0.8098667	1.2647269
5925000000	0.837758041	-1.095557429	3.753124652	-2.499172814	0.794150244	-0.61745301	2.3738005	0.5624484	1.2006461	0.8674705	0.9722654
5925000000	0.837758041	-1.047197551	2.131055593	-3.009153158	0.494662868	-0.536064141	1.6334489	0.500132	1.1206404	0.8838806	1.147412
5925000000	0.837758041	-0.994837764	0.464376211	-3.787245334	0.173547833	-0.825043448	1.1128525	0.4180955	1.0407701	0.8269812	-0.7047725
5925000000	0.837758041	-0.942477996	0.035550519	-4.167053698	0.165538101	-1.380336127	1.0082194	0.3830845	1.0388523	0.7772735	-1.026644
5925000000	0.837758041	-0.890117919	0.094268638	-4.147091101	0.367464686	-1.973596901	1.0219434	0.3848495	1.0882946	0.634805	-1.0653058
5925000000	0.837758041	-0.837758041	-0.293096251	-4.251195482	0.381337724	-2.505829778	0.934739	0.375734	1.0917766	0.561587	-1.3020574
5925000000	0.837758041	-0.785398163	-0.285001914	-4.308786126	0.015417201	-3.09810951	0.9364828	0.3707843	1.0035563	0.4899211	-1.477755
5925000000	0.837758041	-0.733038286	0.833849307	-3.796433476	-0.480239833	-3.884398	1.2116716	0.4172119	0.8953153	0.4088464	-1.3474123
5925000000	0.837758041	-0.680678408	1.878227126	-3.45565693	-0.662945602	-4.801634303	1.5410712	0.4512678	0.8584311	0.3310065	-0.9399103
5925000000	0.837758041	-0.628318531	1.903810687	-4.386257318	-0.520573392	-5.594456627	1.5501762	0.3642288	0.8870389	0.2757746	-1.1390165
5925000000	0.837758041	-0.575958653	0.706904407	-7.125152876	-0.503453006	-6.001370034	1.1767669	0.1938584	0.8905647	0.2511094	-1.2098858
5925000000	0.837758041	-0.523598776	-1.386452342	-11.91885623	-0.933089587	-5.883606597	0.7266993	0.0642857	0.8066609	0.258017	-1.3356215
5925000000	0.837758041	-0.47									

5925000000	0.837758041	1.93731547	-3.273562327	-3.811103841	-8.903617456	-3.681812621	0.4705912	0.4158049	0.1287177	0.4283697	-4.4264818
5925000000	0.837758041	1.989675347	-3.314064057	-5.299225728	-10.69801046	-4.606711657	0.4662229	0.2951735	0.085151	0.3462014	-5.2551098
5925000000	0.837758041	2.042053225	-3.459791798	-4.74970341	-11.32700383	-5.173992908	0.4508383	0.7236439	0.0736715	0.3038091	-5.3636557
5925000000	0.837758041	2.094395102	-3.776006147	-3.625354179	-10.69331638	-4.848173976	0.4191789	0.4339749	0.0852449	0.3274784	-4.9966849
5925000000	0.837758041	2.146754988	-4.173793561	-3.275863737	-10.27710399	-4.1070445	0.3824905	0.4703419	0.0938187	0.3884146	-5.7756736
5925000000	0.837758041	2.199114858	-4.430670349	-3.947911466	-10.39893564	-3.813337776	0.360523	0.4029107	0.0912234	0.4155911	-4.9817138
5925000000	0.837758041	2.251474735	-4.717731182	-4.980191418	-11.07632238	-4.439206698	0.3374636	0.3176734	0.0780491	0.3598151	-5.6349391
5925000000	0.837758041	2.303834613	-5.429658908	-4.451289297	-12.51355011	-6.16058146	0.2864403	0.3588154	0.056059	0.2420705	-6.2737096
5925000000	0.837758041	2.35619449	-6.54300506	-2.580315937	-13.76859534	-8.693797633	0.2216662	0.5520373	0.0419895	0.1350891	-6.2397902
5925000000	0.837758041	2.408554368	-7.610978245	-1.404750889	-12.80146289	-10.2728044	0.1733414	0.7236439	0.0524631	0.0393117	-5.8362581
5925000000	0.837758041	2.460914245	-7.980462933	-1.748883081	-11.13518741	-9.657228345	0.1592039	0.6685239	0.0769983	0.1082124	-5.964769
5925000000	0.837758041	2.513274123	-7.227111786	-4.173110032	-10.56307502	-8.773706513	0.1893603	0.3825507	0.08784	0.1326262	-7.0312803
5925000000	0.837758041	2.565634	-6.536337503	-10.4964285	-11.68411285	-8.484302085	0.2220068	0.0891984	0.0678561	0.1417653	-8.853669
5925000000	0.837758041	2.617993878	-7.087317368	-14.43875825	-15.0845624	-8.581457045	0.1955547	0.0359852	0.0310138	0.1386291	-9.9871775
5925000000	0.837758041	2.670353756	-7.993744365	-7.013918122	-19.11270815	-8.69125094	0.1587178	0.1988878	0.0122667	0.1351683	-8.9873365
5925000000	0.837758041	2.722713633	-7.390845741	-5.271646059	-17.55681949	-8.518094042	0.1823541	0.297054	0.0175517	0.1406665	-7.9749385
5925000000	0.837758041	2.775073511	-6.887088961	-5.998676689	-17.01254247	-8.066684876	0.2047817	0.2512652	0.0189851	0.1560743	-8.0133171
5925000000	0.837758041	2.827433388	-7.598684683	-6.157331935	-17.73077749	-7.177090716	0.1738327	0.2422517	0.0168625	0.1668364	-8.2406558
5925000000	0.837758041	2.879793266	-8.625643183	-5.8079237	-16.5837614	-8.262353122	0.1372758	0.2625473	0.0219596	0.1049986	-8.4547616
5925000000	0.837758041	2.932153143	-9.934041018	-7.03453964	-16.55379021	-9.978456597	0.1015304	0.1979457	0.0221116	0.1491793	-9.7666011
5925000000	0.837758041	2.984513021	-12.71814779	-9.519495181	-19.49585065	-13.07970067	0.0534792	0.1116993	0.0112309	0.0492073	-12.486886
5925000000	0.837758041	3.036872899	-14.6886345	-12.78000591	-21.94826268	-16.74102976	0.0393732	0.0527229	0.0063852	0.0211786	-15.44662
5925000000	0.837758041	3.089232776	-14.46513389	-20.05791667	-21.0509003	-18.18622432	0.0357673	0.0098675	0.0078507	0.0151837	-17.025974
5925000000	0.837758041	3.141592654	-17.25575623	-20.41819991	-22.12442638	-18.28340327	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.890117919	-3.141592654	-17.25575584	-20.41819982	-22.12442638	-18.28340324	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.890117919	-3.089232776	-19.75627608	-14.96823248	-24.54337296	-18.59715615	0.0105772	0.0318549	0.0035129	0.0138129	-18.256644
5925000000	0.890117919	-3.036872899	-15.62743467	-10.99007436	-28.00565401	-17.60178091	0.0273688	0.0796146	0.0015828	0.0173709	-15.019062
5925000000	0.890117919	-2.984513021	-14.41214832	-7.958100465	-27.41543267	-16.14598525	0.0362139	0.1600258	0.0018132	0.0242885	-12.550395
5925000000	0.890117919	-2.932153143	-14.21382952	-6.822521957	-19.64972394	-14.21007603	0.0378981	0.2078489	0.01084	0.0379308	-11.329485
5925000000	0.890117919	-2.879793266	-13.59895571	-6.493430693	-15.68065183	-10.8821256	0.0436621	0.224211	0.0270355	0.0816183	-10.26264
5925000000	0.890117919	-2.827433388	-12.82533185	-6.495200462	-13.95122926	-8.204565354	0.0521755	0.2241197	0.0402603	0.1511971	-9.3204379
5925000000	0.890117919	-2.775073511	-10.74161168	-8.006598407	-13.59310788	-7.018128371	0.0843022	0.1582487	0.0437209	0.1986951	-9.1634789
5925000000	0.890117919	-2.722713633	-8.898919865	-10.50558899	-14.00479884	-8.06654124	0.128857	0.0891005	0.0397668	0.2086097	-9.3344677
5925000000	0.890117919	-2.670353756	-8.064166235	-10.03793985	-14.20924431	-6.594749262	0.1561649	0.0991302	0.0379381	0.2190408	-8.9255766
5925000000	0.890117919	-2.617993878	-6.968213164	-8.68975949	-13.61043182	-6.032528735	0.200992	0.1352147	0.0435469	0.2493143	-8.0336252
5925000000	0.890117919	-2.565634	-5.447871783	-7.568296814	-13.1183146	-5.616341874	0.2852416	0.1750533	0.0487718	0.2734884	-7.0805836
5925000000	0.890117919	-2.513274123	-4.495428634	-6.20985195	-13.83950272	-5.717773342	0.3551871	0.2393397	0.0413095	0.2680542	-6.4594471
5925000000	0.890117919	-2.460914245	-4.256537927	-5.724038257	-16.41641522	-6.318358546	0.3752272	0.2676678	0.0228223	0.232434	-6.820556
5925000000	0.890117919	-2.408554368	-4.420511572	-6.131218975	-18.93399524	-7.032575367	0.3613673	0.2437127	0.012782	0.1980352	-6.9042453
5925000000	0.890117919	-2.35619449	-4.777388856	-5.869660545	-16.02880847	-7.196418696	0.3328596	0.2588415	0.0249528	0.1907033	-6.9499427
5925000000	0.890117919	-2.303834613	-5.025223501	-4.750469961	-13.45425785	-6.580756129	0.3143965	0.3349292	0.0451413	0.2197477	-6.4101179
5925000000	0.890117919	-2.251474735	-4.832220373	-4.231128435	-12.87388884	-5.735159203	0.3286835	0.3774741	0.0515954	0.2669833	-5.9124075
5925000000	0.890117919	-2.199114858	-4.61046664	-4.798773671	-12.98369403	-5.194635539	0.3459022	0.3312246	0.0503073	0.3023684	-5.8930604
5925000000	0.890117919	-2.146754988	-5.043530157	-6.167136293	-12.93755006	-5.102226815	0.313074	0.2417054	0.0597372	0.3087811	-6.7365788
5925000000	0.890117919	-2.094395102	-5.960311604	-7.564454854	-11.25901799	-5.351111037	0.2534947	0.1750828	0.0748339	0.2916687	-7.0158097
5925000000	0.890117919	-2.042053225	-6.110135094	-7.968312518	-10.93075582	-5.719945572	0.2448987	0.1596499	0.0807095	0.2679202	-7.251622
5925000000	0.890117919	-1.989675347	-5.297765285	-7.47191586	-10.90003072	-5.945774258	0.2952728	0.1789816	0.0812825	0.2543446	-6.9363849
5925000000	0.890117919	-1.93731547	-4.64562974	-7.054952829	-10.55149527	-5.894617386	0.3431129	0.1970175	0.0880746	0.275385	-6.5480414
5925000000	0.890117919	-1.884955592	-4.262872859	-6.909891523	-9.940131958	-5.587066899	0.374725	0.2037093	0.1013881	0.2762443	-6.2517811
5925000000	0.890117919	-1.832595715	-3.433096116	-6.304118046	-9.133522609	-4.958294596	0.4536181	0.2342007	0.1220809	0.3192791	-5.4929725
5925000000	0.890117919	-1.782035837	-1.994815445	-5.023942765	-7.860883	-3.982143693	0.631711	0.3144892	0.1636484	0.3997474	-4.2319926
5925000000	0.890117919	-1.72787596	-0.595146914	-4.063130703	-6.437805279	-2.915280217	0.8719374	0.392362	0.2271012	0.5110601	-3.0049599
5925000000	0.890117919	-1.675516082	0.287882831	-4.044398784	-5.486707596	-2.043462899	1.0685338	0.394058	0.2827022	0.6246744	-2.2743183
5925000000	0.890117919	-1.623156204	0.650030119	-4.665581187	-5.159367561	-1.421642001	1.1614567	0.3415402	0.3048339	0.7208349	-1.9916858
5925000000	0.890117919	-1.570796327	0.886407906	-4.958861453	-5.039546041	-0.905416129	1.2264244	0.3192375	0.3133613	0.811817	-1.7541209
5925000000	0.890117919	-1.518436449	1.481340563	-4.322219239	-4.337020127	-0.345512527	1.4064816	0.3696392	0.3683816	0.9235252	-1.1520072
5925000000	0.890117919	-1.466076572	2.426775071	-3.269872291	-2.963589421	0.217724323	1.7485478	0.4709912	0.5054068	1.0514108	-0.24987
5925000000	0.890117919	-1.413716694	3.288127015	-2.598385083	-1.720267851	0.584025513	2.1321252	0.5494753	0.6729352	1.1439382	0.5103127
5925000000	0.890117919	-1.361356817	3.784803029	-2.641476646	-1.029490387	0.587330406	2.3904535	0.5447145	0.7889527	1.144809	0.8533811
5925000000	0.890117919	-1.308996939	4.019442398	-3.14192787	-0.707659267	0.240367128	2.5231568	0.4850731	0.8496383	1.0569069	0.8944365
5925000000	0.890117919	-1.256637061	4.309976059	-3.417629603	-0.364177262	-0.219037099	2.6977246	0.4552365	0.9195647	0.9508156	0.9893269
5925000000	0.890117919	-1.204277184	4.685532264	-2.992509132	0.137881799	-0.463268133	2.9413942	0.5020524	1.0322578	0.8987464	1.282741
5925000000	0.890117919	-1.151917306	4.699894327	-2.297780029	0.545594962	-0.419347138	2.9511374	0.5891447	1.1338602	0.907957	1.4473751
5925000000	0.890117919	-1.099557429	3.867568126	-2.096004927	0.581027542	-0.351482991	2.4364461	0.6171625	1.1431488	0.922564	1.0712631
5925000000	0.890117919	-1.047197551	2.103738145	-2.610431509	0.284921581	-0.551570794	1.6232067	0.5482225	1.0678055	0.8807303	1.0382353
5925000000	0.890117919	-0.994837674	0.9148387674	-3.385718811	0.020461432	-1.105025415	1.0898341	0.5485937	1.0047225	0.7753494	-0.7981145
5925000000	0.890117919	-0.942477796	0.164363299	-3.776848864	0.103827685	-1.861934603	1.0385713	0.4190975	1.0241953	0.6513382	-1.0607155
5925000000	0.890117919										

5925000000	0.890117919	1.518436449	-1.446690181	1.88460689	-2.503462502	-0.20664631	0.7166894	1.5433367	0.5618932	0.9535322	-0.250911
5925000000	0.890117919	1.570796327	-1.052662865	2.151441811	-3.081119014	-0.586658185	0.7847543	1.6411345	0.4919128	0.8736434	-0.2325523
5925000000	0.890117919	1.623156204	-0.851555147	2.49583509	-3.444014044	-0.1011930287	0.8219483	1.7765748	0.4524792	0.7921492	-0.1737249
5925000000	0.890117919	1.675516082	-1.115966722	2.466870518	-4.393827405	-1.469343257	0.7733985	1.7566573	0.3635945	0.7129608	-0.4496067
5925000000	0.890117919	1.72787596	-1.804920202	1.934573914	-6.159130458	-1.833711009	0.6599454	1.5611959	0.2421514	0.6555848	-1.0806166
5925000000	0.890117919	1.780238537	-2.557429751	1.014101052	-7.684511577	-2.2002104672	0.554954	1.2630196	0.1704311	0.6306516	-1.83951513
5925000000	0.890117919	1.832595715	-3.011305831	-0.368253579	-7.758846792	-2.154526826	0.4998842	0.918702	0.1675388	0.6089019	-2.6062016
5925000000	0.890117919	1.884955592	-3.175683003	-2.349265209	-7.716699549	-2.610589544	0.4813176	0.5822017	0.1691726	0.5482025	-3.5142182
5925000000	0.890117919	1.93731547	-3.272180908	-4.552778002	-8.752979347	-3.469869973	0.4707409	0.3505276	0.1332607	0.4497933	-3.5459315
5925000000	0.890117919	1.989675347	-3.36561998	-5.109578828	-10.6505309	-4.454157072	0.460721	0.3083487	0.0860889	0.3587789	-5.1793537
5925000000	0.890117919	2.042035225	-3.475942033	-3.69699185	-11.77237918	-4.985010383	0.4491649	0.4268751	0.0664906	0.3173211	-5.0174057
5925000000	0.890117919	2.094395102	-3.756407569	-2.480777235	-11.29749995	-4.793397301	0.4210748	0.5648359	0.0741737	0.3316349	-4.5850834
5925000000	0.890117919	2.14675498	-4.203092131	-2.328096075	-10.6820191	-4.406303443	0.3799188	0.5850465	0.0854669	0.3625515	-4.5192284
5925000000	0.890117919	2.199114858	-4.630274794	-3.247890527	-10.48487634	-4.508900847	0.3443281	0.4733811	0.089436	0.3540869	-5.0126493
5925000000	0.890117919	2.251474735	-5.136853531	-4.361031749	-10.78945456	-5.497852869	0.3064183	0.3663505	0.0833786	0.2819777	-5.8581032
5925000000	0.890117919	2.303834613	-5.972131501	-3.684325498	-11.9314269	-7.474244551	0.2528057	0.4281219	0.0640999	0.1788857	-6.3642884
5925000000	0.890117919	2.35619449	-6.98048882	-1.90932331	-13.44958704	-9.527760983	0.2004246	0.6442696	0.0451899	0.1114869	-6.0146494
5925000000	0.890117919	2.408554368	-7.790632022	-1.029871578	-13.03910618	-9.188984098	0.1663171	0.7888834	0.0496695	0.1205318	-5.5075241
5925000000	0.890117919	2.460914245	-8.034814967	-1.728187138	-11.19966181	-7.462862227	0.1572239	0.6717092	0.0758637	0.1793551	-5.6669688
5925000000	0.890117919	2.513274123	-7.189766479	-4.496459686	-10.33721795	-6.466452621	0.1909956	0.3511027	0.0925291	0.2256081	-6.6542787
5925000000	0.890117919	2.565634	-6.261617835	-10.91575779	-11.37825727	-6.475151683	0.2365039	0.0809887	0.0728072	0.2251567	-8.1286271
5925000000	0.890117919	2.617993878	-6.604185251	-13.25135003	-14.90612137	-7.188229466	0.2185654	0.0473004	0.0323138	0.1910632	-9.1253551
5925000000	0.890117919	2.670353756	-7.784782173	-7.045495277	-18.55885147	-8.036006851	0.1665412	0.197447	0.0113953	0.1571807	-8.7326218
5925000000	0.890117919	2.722713633	-7.784720776	-5.515005857	-16.70745924	-8.330289982	0.1665436	0.2808662	0.0213429	0.1468828	-8.07173634
5925000000	0.890117919	2.775073511	-7.301456356	-5.949650554	-16.53326641	-8.028427096	0.1861463	0.2541177	0.0222164	0.1574553	-8.0917336
5925000000	0.890117919	2.827433388	-7.75104896	-5.562654983	-17.38362201	-7.865885514	0.1678399	0.2778014	0.0182658	0.16346	-8.0453829
5925000000	0.890117919	2.879793266	-8.628996886	-5.160945308	-15.83827509	-8.54102731	0.1371198	0.3047232	0.0260719	0.1399256	-8.1827034
5925000000	0.890117919	2.932153143	-9.982133424	-6.518273388	-15.64898704	-10.43124913	0.1004122	0.2229321	0.0272334	0.0905472	-9.0549837
5925000000	0.890117919	2.984513021	-12.79769715	-9.197112669	-18.6442998	-13.58975352	0.0525086	0.1203064	0.0316638	0.0437547	-12.398916
5925000000	0.890117919	3.036872899	-14.75652019	-12.67094218	-21.3803657	-17.04775922	0.0334463	0.0540637	0.0066014	0.0197344	-15.54731
5925000000	0.890117919	3.089232776	-14.5078837	-20.07253553	-21.06823258	-18.24687201	0.035417	0.0098344	0.0078195	0.0149731	-15.792405
5925000000	0.890117919	3.141592654	-17.25575584	-20.41819982	-22.12442602	-18.28340324	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.942477796	-3.141592654	-17.25575552	-20.41820008	-22.12442652	-18.28340321	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.942477796	-3.089232776	-20.01946141	-14.98583674	-24.84953946	-18.21403089	0.0099553	0.0317261	0.0032738	0.0150868	-18.236055
5925000000	0.942477796	-3.036872899	-15.88057616	-11.00835974	-28.37458909	-16.84265365	0.0258192	0.0792801	0.0014539	0.0206888	-14.974297
5925000000	0.942477796	-2.984513021	-14.71534405	-8.018648029	-27.91935596	-15.40590127	0.0337649	0.1578102	0.0016146	0.0288012	-12.7472728
5925000000	0.942477796	-2.932153143	-14.78660585	-6.869319204	-20.84339633	-13.75181787	0.0332154	0.2056213	0.0082349	0.042152	-11.408262
5925000000	0.942477796	-2.879793266	-13.9408637	-6.465713686	-17.1504313	-10.73722116	0.0403565	0.2256465	0.0192733	0.0843875	-10.34225
5925000000	0.942477796	-2.827433388	-12.06912037	-6.432370137	-15.54407308	-8.106377089	0.0620995	0.2273856	0.0278993	0.1546544	-9.8207383
5925000000	0.942477796	-2.775073511	-9.477549345	-7.949304344	-15.08045731	-6.821780068	0.1127834	0.1603502	0.0310423	0.2078844	-8.2987883
5925000000	0.942477796	-2.722713633	-8.024567791	-10.454455	-15.06406546	-6.560161385	0.1575953	0.0900647	0.0311558	0.2207923	-9.0340355
5925000000	0.942477796	-2.670353756	-8.218873227	-10.049821	-14.65053892	-6.60365524	0.1506998	0.0988594	0.0342725	0.2185921	-9.0098977
5925000000	0.942477796	-2.617993878	-8.323633763	-8.912191296	-13.73685727	-6.542841853	0.1471081	0.1284638	0.0422975	0.221695	-8.7003317
5925000000	0.942477796	-2.565634	-6.661390411	-8.118027074	-13.26281074	-6.52484631	0.2157054	0.1542401	0.0471756	0.2225745	-7.960727
5925000000	0.942477796	-2.513274123	-5.007851015	-6.789573172	-14.12265819	-6.726496952	0.3156566	0.2094318	0.0387021	0.2124958	-7.1203807
5925000000	0.942477796	-2.460914245	-4.310435549	-6.043093601	-16.91125316	-7.039460615	0.3706435	0.2487085	0.0203645	0.1972715	-6.7910727
5925000000	0.942477796	-2.408554368	-4.320445522	-6.08938933	-19.24702215	-7.071902767	0.3697902	0.2460714	0.0118932	0.19625	-6.8613025
5925000000	0.942477796	-2.35619449	-4.510747249	-5.645015619	-15.85520793	-6.509521513	0.3539364	0.2725828	0.0259704	0.2233818	-6.596196
5925000000	0.942477796	-2.303834613	-4.347791331	-4.50276211	-13.31969601	-5.614066963	0.3674691	0.3545878	0.0465619	0.2745322	-5.8371281
5925000000	0.942477796	-2.251474735	-3.78234408	-3.813152327	-13.0034382	-4.929003739	0.4185676	0.4156088	0.0500791	0.3214399	-5.2082244
5925000000	0.942477796	-2.199114858	-3.439522299	-4.059537572	-13.6840429	-4.801561474	0.4529474	0.3926867	0.042815	0.3310121	-5.15892
5925000000	0.942477796	-2.14675498	-3.899047785	-5.140446161	-12.2855886	-5.295200364	0.4074696	0.3061649	0.047222	0.2954473	-5.7827118
5925000000	0.942477796	-2.094395102	-5.135062888	-6.529014314	-12.0095946	-6.167180974	0.3065446	0.2223815	0.0629566	0.2417025	-6.8111003
5925000000	0.942477796	-2.042035225	-6.18799315	-7.158139408	-11.24473886	-6.808556963	0.2405474	0.1923916	0.0750803	0.2085184	-7.4682096
5925000000	0.942477796	-1.989675347	-6.074036441	-6.844005134	-10.88258269	-6.62299943	0.2469428	0.2068233	0.0816097	0.2176206	-7.2526708
5925000000	0.942477796	-1.93731547	-5.433930311	-6.722997096	-10.5423397	-5.78510464	0.2861587	0.2126671	0.0882604	0.2639305	-6.7212911
5925000000	0.942477796	-1.884955592	-4.755993493	-7.20092729	-10.17100451	-4.774465149	0.3345035	0.1905054	0.096139	0.3330838	-6.2240617
5925000000	0.942477796	-1.832595715	-6.365454103	-7.182664373	-9.501349822	-3.697456272	0.4329668	0.1913082	0.112167	0.4268294	-5.3637894
5925000000	0.942477796	-1.780238537	-2.029865892	-5.821865238	-8.111212882	-2.559652639	0.6266332	0.2617059	0.1544823	0.5546701	-3.9862145
5925000000	0.942477796	-1.72787596	-0.540528748	-4.58349167	-6.496048931	-1.529852641	0.8829724	0.3480574	0.2240759	0.7030962	-2.7696794
5925000000	0.942477796	-1.675516082	0.366299453	-4.465810483	-5.40447583	-0.761519912	1.0880026	0.3576177	0.2881061	0.8391662	-1.9163833
5925000000	0.942477796	-1.623156204	0.6411914	-5.221435219	-4.980415805	-0.232269068	1.1590953	0.3005083	0.3176568	0.9479231	-1.6666425
5925000000	0.942477796	-1.570796327	0.662732216	-5.740198067	-4.81558135	0.212954663	1.1648586	0.2666737	0.3299452	1.0502675	-1.5308571
5925000000	0.942477796	-1.518436449	1.04094756	-5.078308328	-4.17625395	0.099353273	1.2708514	0.1035769	0.3822739	1.1747226	-1.0548727
5925000000	0.942477796	-1.466076572	1.914017675	-3.812979947	-2.919400796	1.171380619	1.5538238	0.4156253	0.5105754	1.3095982	-0.2346401
5925000000	0.942477796	-1.413716694	2.790135713	-2.978522212	-1.738832212	1.441035425	1.9011377	0.503672	0.6700647	1.393489	-0.0840849
5925000000	0.942477796	-1.361356817	3.282345577	-2.94988642	-1.050622968	1.372870039	2.1292887	0.507004	0.785123	1.371788	0.785659
5925000000	0.942477796	-1.30896939</									

5925000000	0.942477796	1.099557429	-0.18707649	3.310455587	2.843589091	1.689892897	0.9578386	2.1431154	1.9246817	1.4756701	2.1094061
5925000000	0.942477796	1.151917306	-1.05860891	3.682931074	2.479613033	1.667705589	0.7836806	2.3350335	1.7699512	1.4681505	2.0117964
5925000000	0.942477796	1.204277184	-1.825079903	3.628544446	1.89883025	1.719371446	0.656889	2.3059742	1.5483995	1.4857206	1.7587285
5925000000	0.942477796	1.256637061	-1.91389352	3.656685864	1.484638419	1.81461273	0.643592	2.320965	1.40755	1.5186625	1.6811204
5925000000	0.942477796	1.308996939	-1.636346849	3.886752623	1.30896563	1.878432155	0.6860651	2.4472327	1.3517506	1.541144	1.77983
5925000000	0.942477796	1.361356817	-1.54919384	3.903813794	1.005033995	1.832449229	0.6999719	2.4568655	1.2603855	1.5249125	1.7188255
5925000000	0.942477796	1.413716694	-1.710750158	3.474302572	0.186909181	1.63741294	0.6744115	2.2255136	1.043977	1.4579455	1.8082234
5925000000	0.942477796	1.466076572	-1.751657306	2.888413868	-1.133631683	1.321420056	0.6680889	1.9446497	0.7702591	1.3556326	0.7359284
5925000000	0.942477796	1.518436449	-1.465176406	2.661506619	-2.376971078	0.904084954	0.7136452	1.8456556	0.5784994	1.2417923	0.393737
5925000000	0.942477796	1.570796327	-1.126208425	2.81755796	-2.939207173	0.50677228	0.7715768	1.9317198	0.5082522	1.1237695	0.3309976
5925000000	0.942477796	1.623156204	-1.110826412	2.905229877	-3.210766897	-0.017898317	0.7743144	1.9521941	0.477445	0.9958872	0.2117283
5925000000	0.942477796	1.675516082	-1.560505757	2.591711127	-4.053100629	-0.642254707	0.6981511	1.8162311	0.3932692	0.8625306	-0.2569767
5925000000	0.942477796	1.72787596	-2.279015205	1.800627734	-5.808037782	-1.263028053	0.5916958	1.51378	0.2625407	0.747648	-1.085093
5925000000	0.942477796	1.780235837	-2.849761167	0.540503531	-7.613144044	-1.746590801	0.5188286	1.1325317	0.1732549	0.6688688	-2.0525342
5925000000	0.942477796	1.832595715	-3.05072472	-1.281227525	-7.954033723	-2.158173857	0.4953675	0.7445215	0.1601757	0.6083908	-2.9919778
5925000000	0.942477796	1.884955592	-3.083534001	-3.739540489	-7.831661126	-2.729551481	0.4916393	0.4227133	0.1647532	0.53339	-3.9456139
5925000000	0.942477796	1.93731547	-3.20435875	-5.75082077	-8.68746698	-3.559688612	0.47815	0.2660222	0.1352861	0.4405865	-4.1471733
5925000000	0.942477796	1.989673547	-3.386284139	-4.81769694	-10.58395925	-4.43513198	0.458534	0.3297846	0.0874186	0.3601528	-5.1008016
5925000000	0.942477796	2.042035225	-3.5700212	-2.645988633	-12.15901358	-4.920084891	0.4395395	0.5437523	0.0608273	0.3221006	-4.6653945
5925000000	0.942477796	2.094395102	-3.918831628	-1.330043387	-11.95163267	-4.862404203	0.4056176	0.7361997	0.0638024	0.3264071	-4.1679362
5925000000	0.942477796	2.14675498	-4.491325647	-1.222834948	-11.12142678	-4.715130108	0.3555228	0.7545995	0.0772427	0.3376657	-4.1878141
5925000000	0.942477796	2.199114858	-5.125867287	-2.285008349	-10.57298378	-5.059676941	0.3071944	0.5908798	0.0876398	0.3119122	-4.8891038
5925000000	0.942477796	2.251474735	-5.824294014	-3.793063771	-10.55000062	-6.219713625	0.2615596	0.4417537	0.0881049	0.2387969	-5.994633
5925000000	0.942477796	2.303834613	-6.694000327	-3.579875621	-11.42848514	-7.978018725	0.2140918	0.4385433	0.07197	0.1592395	-6.5665757
5925000000	0.942477796	2.35619449	-7.488342966	-1.968748168	-12.96179845	-8.686444428	0.1783059	0.6355141	0.0505615	0.135318	-6.0219051
5925000000	0.942477796	2.408554368	-7.946760016	-1.263755628	-13.03520204	-7.253313008	0.1604442	0.7475228	0.0497141	0.1882213	-5.4291237
5925000000	0.942477796	2.460914245	-7.925598985	-2.276474671	-11.31839553	-6.94837324	0.1612279	0.592042	0.0738177	0.2694736	-5.6202712
5925000000	0.942477796	2.513274123	-6.93729802	-5.443865862	-13.07509636	-5.125928112	0.2024278	0.2855048	0.0917256	0.3071901	-6.5421067
5925000000	0.942477796	2.565634	-5.882710474	-11.28432081	-11.44756206	-5.611687339	0.2580649	0.0743991	0.0716546	0.2746827	-7.7031734
5925000000	0.942477796	2.617993878	-6.129544484	-10.82433497	-15.19203717	-6.88996115	0.2438067	0.0827116	0.030255	0.2604446	-8.5277374
5925000000	0.942477796	2.670353756	-7.545804673	-6.779513424	-18.34505759	-8.240444515	0.1759623	0.2099175	0.0146369	0.1499531	-9.47132649
5925000000	0.942477796	2.722713633	-8.138709722	-5.851504571	-16.01960966	-8.621505121	0.1535073	0.2599259	0.0250057	0.1373566	-8.4179174
5925000000	0.942477796	2.77507351	-7.722419347	-6.064274195	-16.04530656	-8.216191844	0.1689499	0.2474985	0.0248582	0.1507929	-8.2966529
5925000000	0.942477796	2.827433388	-7.937438208	-5.147987024	-16.93627816	-8.140879774	0.1607889	0.3056337	0.0202475	0.1534306	-7.958116
5925000000	0.942477796	2.879793266	-8.686233041	-4.690580945	-15.17083062	-9.033808596	0.1353246	0.3395798	0.030403	0.1249163	-8.0256524
5925000000	0.942477796	2.9325153143	-10.05887899	-6.140917151	-14.91845794	-11.10487239	0.0986534	0.243169	0.0322221	0.0775377	-9.4732313
5925000000	0.942477796	2.984513021	-12.8604218	-8.947704116	-17.94258886	-14.26420462	0.0517557	0.1217476	0.0160598	0.037461	-12.352745
5925000000	0.942477796	3.036872899	-14.79460008	-12.59034702	-21.62893472	-17.39898462	0.0331543	0.0550764	0.0068728	0.0182013	-15.748121
5925000000	0.942477796	3.089232776	-14.55093053	-20.10068659	-21.07978324	-18.30739784	0.0350677	0.0097708	0.0077987	0.0147659	-17.733801
5925000000	0.942477796	3.141759264	-17.25575552	-20.41820008	-22.12447622	-18.28340301	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.994837674	-3.141592654	-17.25575559	-20.41819989	-22.12442622	-18.28340301	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.994837674	-3.089232776	-20.3068898	-15.01295273	-25.14071466	-17.85678448	0.0093177	0.0315286	0.0030615	0.0163803	-18.218244
5925000000	0.994837674	-3.036872899	-16.16025028	-11.04720651	-28.3861995	-16.16463581	0.0242089	0.0785741	0.00145	0.0241845	-14.934358
5925000000	0.994837674	-2.984513021	-15.01556442	-8.089165791	-27.77636418	-14.70806585	0.0315096	0.1552685	0.0016686	0.0338215	-15.515824
5925000000	0.994837674	-2.932153143	-15.32799132	-6.913320407	-22.14607559	-13.31788169	0.0293225	0.2035485	0.0061009	0.0450813	-11.463729
5925000000	0.994837674	-2.879793266	-14.10305481	-6.453686025	-18.99535333	-10.69542211	0.0388772	0.262723	0.0126027	0.0852036	-10.422063
5925000000	0.994837674	-2.827433388	-11.38526052	-6.389843892	-17.53410202	-8.185172069	0.0726899	0.2296231	0.0176437	0.1518738	-9.28274
5925000000	0.994837674	-2.775073511	-8.678006093	-7.83604437	-16.6901164	-6.87872387	0.1355812	0.164587	0.0214283	0.2051765	-8.8043647
5925000000	0.994837674	-2.722713633	-7.559881423	-10.19303548	-15.874803724	-6.664803724	0.1753928	0.0995625	0.0258474	0.2155359	-8.9246265
5925000000	0.994837674	-2.670353756	-8.624286364	-9.855930072	-14.8414474	-7.425952881	0.1372687	0.103373	0.0327986	0.1981713	-9.2847561
5925000000	0.994837674	-2.617993878	-10.57941877	-8.953106908	-13.85649545	-7.08681593	0.0875101	0.1272592	0.0411482	0.1783686	-9.6428407
5925000000	0.994837674	-2.565634	-8.898452212	-8.657523966	-13.54709118	-7.748208114	0.1288709	0.1362221	0.0441866	0.1679497	-9.2332829
5925000000	0.994837674	-2.513274123	-6.208728957	-7.605715253	-14.55275658	-7.670338098	0.2394016	0.1735515	0.0350529	0.1709882	-8.103733
5925000000	0.994837674	-2.460914245	-4.940300902	-6.641329202	-17.33104057	-7.287220176	0.3206047	0.2167041	0.0184883	0.1867575	-7.3133165
5925000000	0.994837674	-2.408554368	-4.679942165	-6.32757513	-19.0643751	-6.696047668	0.3404127	0.2329392	0.012404	0.2139909	-6.991075
5925000000	0.994837674	-2.35619449	-4.566817441	-5.79167195	-15.64715822	-5.988717737	0.3493963	0.2635317	0.0272448	0.251842	-6.5168793
5925000000	0.994837674	-2.303834613	-3.952723382	-4.740552625	-13.2831703	-5.397146582	0.4024646	0.3356949	0.0469481	0.2885927	-5.7117652
5925000000	0.994837674	-2.251474735	-3.040918019	-3.916390887	-13.12163106	-5.240617103	0.4964874	0.4058457	0.0487345	0.2991385	-5.050626
5925000000	0.994837674	-2.199114858	-2.525170141	-3.771870977	-14.13377502	-5.755258588	0.5590916	0.4194582	0.0386031	0.2657505	-4.9382539
5925000000	0.994837674	-2.14675498	-2.872376818	-4.366905554	-14.02044335	-6.923614312	0.5161338	0.3658554	0.0396238	0.2030666	-5.5103118
5925000000	0.994837674	-2.094395102	-4.14087479	-5.382508025	-12.6268487	-8.07196216	0.3854007	0.2895671	0.0546157	0.1558848	-6.5488697
5925000000	0.994837674	-2.042035225	-5.760881291	-5.903906729	-11.49291293	-7.879517567	0.2654067	0.2568085	0.0709101	0.1762947	-5.9246929
5925000000	0.994837674	-1.989675347	-6.480314758	-5.63846369	-10.76824735	-6.456053066	0.2248892	0.2729943	0.0837867	0.226149	-6.947458
5925000000	0.994837674	-1.93731547	-6.105672855	-5.669455515	-10.30448631	-5.009032637	0.2451505	0.2710531	0.0932291	0.2155707	-6.3591665
5925000000	0.994837674	-1.884955592	-5.418365712	-6.664347757	-10.08132338	-3.951712938	0.2871861	0.2155858	0.0981449	0.4025582	-6.0065523
5925000000	0.994837674	-1.832595715	-4.33231919	-7.687094088	-9.60191824	-3.135764648	0.3687806	0.1703298	0.1059996	0.485762	-5.4726623
5925000000	0.994837674	-1.780235837	-2.70012151	-6.724005314	-8.180673804	-2.395641036	0.5370168	0.2126177	0.1520312	0.5760178	-4.3247858
5925000000	0.994837674	-1.72787596	-1.091526564								

5925000000	0.994837674	0.680678408	-5.512756825	2.535834364	-0.767583611	0.539201161	0.2810116	1.793013	0.8379954	1.1321921	0.0477394
5925000000	0.994837674	0.733038286	-5.769178544	2.544459115	0.322725376	0.668641951	0.2649001	1.7965773	1.077141	1.1713433	0.3241342
5925000000	0.994837674	0.785398163	-5.203290634	3.17043255	1.139084163	0.999287182	0.3017664	2.0751202	1.2998954	1.2587188	0.9127124
5925000000	0.994837674	0.837758041	-3.690214207	4.155680677	1.51616226	1.377129547	0.4275418	2.6035629	1.4178041	1.3731341	1.6305141
5925000000	0.994837674	0.890117919	-2.20517729	4.51629051	1.651160545	1.712593867	0.6018417	2.8289775	1.462568	1.4834038	2.0254219
5925000000	0.994837674	0.942477796	-1.006801111	3.946919924	1.908514569	1.943780172	0.7930853	2.4813727	1.5518561	1.5645088	2.0349679
5925000000	0.994837674	0.994837674	-0.058072773	2.945962477	2.412138865	2.059077102	0.9867173	1.9705899	1.7426469	1.6065998	1.9737336
5925000000	0.994837674	1.047197551	0.411069418	2.450177188	2.883116775	2.07733779	1.0992765	1.7579953	1.9422793	1.6133693	2.0499586
5925000000	0.994837674	1.099557429	0.145761139	2.489828982	2.965863833	2.040114923	1.0341323	1.7741196	1.9796407	1.5996004	2.0327045
5925000000	0.994837674	1.151917306	-0.738666948	2.408297134	2.56885653	2.005612941	0.8435937	1.741124	1.8066984	1.5869429	1.745522
5925000000	0.994837674	1.204277184	-1.629807535	2.288330918	1.947242653	2.007528661	0.6870989	1.6936868	1.5657567	1.587643	1.4099371
5925000000	0.994837674	1.256637061	-1.944938925	2.662291552	1.506859521	2.019270504	0.6390077	1.8459892	1.4147704	1.5919413	1.3764749
5925000000	0.994837674	1.308996939	-1.906653669	3.335295811	1.341930858	1.969791901	0.6446658	2.1554084	1.3620501	1.5739074	1.5655156
5925000000	0.994837674	1.361356817	-1.99940062	3.6728539	1.074647778	1.780413636	0.6310444	2.3296216	1.2807512	1.5067506	1.5746945
5925000000	0.994837674	1.413716694	-2.238334527	3.499084823	0.290693474	1.408720718	0.5972643	2.2382494	1.0692256	1.3831589	1.2122309
5925000000	0.994837674	1.466076572	-2.254653909	3.151690611	-1.026445688	0.888124414	0.5950242	2.0661843	0.789506	1.2269093	0.6796529
5925000000	0.994837674	1.518436449	-1.903390479	3.039614169	-2.304499475	0.304398617	0.6451504	2.0135454	0.5882339	1.0726051	0.3376698
5925000000	0.994837674	1.570796327	-1.551096667	3.110251145	-2.70632031	-0.304168331	0.6996653	2.0456563	0.5163412	0.932359	0.2066457
5925000000	0.994837674	1.623156204	-1.617482204	2.983411765	-3.058209949	-1.002927347	0.6890517	1.9875558	0.4945145	0.793793	-0.0381517
5925000000	0.994837674	1.675516082	-2.179431712	2.388185676	-3.762284166	-1.857801578	0.6054201	1.7330798	0.4205054	0.6519583	-0.691829
5925000000	0.994837674	1.72787596	-2.885874903	1.262905917	-5.405606459	-2.766728229	0.5145321	1.3374901	0.2880311	0.5288435	-1.757282
5925000000	0.994837674	1.780235837	-3.225390096	-0.399901551	-7.352757167	-3.478485097	0.47584	0.9120315	0.1839604	0.448919	-2.9655087
5925000000	0.994837674	1.832595715	-3.111318663	-2.763006264	-8.047337367	-3.915063612	0.488504	0.5292969	0.1567713	0.4059697	-0.4025396
5925000000	0.994837674	1.884955592	-2.942829348	-5.893732575	-7.98196431	-4.298450629	0.5078285	0.2574108	0.1591489	0.3716678	-4.8943624
5925000000	0.994837674	1.93731547	-3.041646581	-7.463474729	-8.698823268	-4.818712864	0.4964041	0.1793298	0.1352128	0.3297074	-4.9790363
5925000000	0.994837674	1.989675347	-3.354193485	-4.964406208	-10.48612895	-5.384041549	0.4619348	0.3188301	0.0894102	0.2894469	-3.773681
5925000000	0.994837674	2.042035225	-3.73566949	-2.35679003	-12.35041346	-6.674418505	0.4230903	0.5811938	0.0582048	0.2707436	-4.7715411
5925000000	0.994837674	2.094395102	-4.283243768	-1.017493227	-12.47531002	-5.551646099	0.3729715	0.7911351	0.0655547	0.2785065	-4.2620972
5925000000	0.994837674	2.14675498	-5.076111636	-0.980765504	-11.48283573	-5.394256569	0.310734	0.797854	0.0710749	0.2887848	-3.520147
5925000000	0.994837674	2.199114858	-5.934112603	-2.295921591	-10.63417128	-5.742901677	0.2550285	0.5893698	0.0864138	0.2665077	-5.2384
5925000000	0.994837674	2.251474735	-6.705087822	-4.588951939	-10.38168493	-6.827841458	0.2135459	0.34762	0.0915865	0.2075945	-6.6738637
5925000000	0.994837674	2.303834613	-7.380456052	-5.112883501	-10.01794321	-8.01049386	0.1827908	0.3081142	0.0785609	0.1581068	-7.4018358
5925000000	0.994837674	2.35619449	-7.787348148	-3.238583464	-12.38875057	-7.604429606	0.1664429	0.4743967	0.0576932	0.1736029	-6.4175691
5925000000	0.994837674	2.408554368	-7.871602395	-2.354896641	-12.68695646	-5.97901441	0.163245	0.5814473	0.0538647	0.2524054	-5.8047286
5925000000	0.994837674	2.460914245	-7.585485096	-3.470956947	-11.32975052	-8.566629216	0.1743619	0.4496808	0.0736249	0.3268389	-5.915435
5925000000	0.994837674	2.513274123	-6.517389444	-6.717070956	-10.52203831	-4.803951542	0.2229775	0.2129575	0.088674	0.33083	-6.9698108
5925000000	0.994837674	2.565634	-5.484285008	-10.22265643	-17.17091882	-5.838402024	0.28286	0.0950024	0.0674385	0.2607113	-7.5324783
5925000000	0.994837674	2.617939878	-5.749944643	-8.38937092	-15.64506768	-7.720363243	0.2660759	0.1448982	0.027258	0.16903	-8.186839
5925000000	0.994837674	2.670353756	-7.355106366	-6.325637011	-18.01067193	-9.39190991	0.1838609	0.2303431	0.01581	0.1150294	-8.6348276
5925000000	0.994837674	2.722713633	-8.427097131	-6.263836795	-15.32826686	-9.351500242	0.1436449	0.236383	0.0293206	0.1161047	-8.8152583
5925000000	0.994837674	2.775073511	-8.10383492	-6.320735933	-15.44763344	-8.589725996	0.154745	0.2330365	0.0285257	0.1383655	-8.5781215
5925000000	0.994837674	2.827433388	-8.146084926	-4.915397953	-16.32855763	-8.599907597	0.1532468	0.3224484	0.0232887	0.1380414	-7.9790336
5925000000	0.994837674	2.879793266	-8.800093771	-4.408473452	-17.54146703	-9.764633756	0.1318228	0.2623703	0.0349023	0.1055691	-7.9951577
5925000000	0.994837674	2.932153143	-10.16251877	-5.915902949	-14.34310764	-12.03155952	0.096327	0.3561001	0.0367866	0.062587	-9.4711314
5925000000	0.994837674	2.984513229	-12.90076975	-8.784714759	-17.38603285	-15.11564348	0.051277	0.1322905	0.0182556	0.0307918	-12.352432
5925000000	0.994837674	3.03687899	-14.80273667	-12.54545261	-21.44517415	-17.78076944	0.0330923	0.0556487	0.0071694	0.0166695	-15.505994
5925000000	0.994837674	3.089232776	-14.59429272	-20.14267236	-21.08545973	-18.36641898	0.0347193	0.0096768	0.0077885	0.0145666	-17.776009
5925000000	0.994837674	3.141592654	-17.25575559	-20.41819989	-22.12442622	-18.28340301	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.994837674	3.141592654	-17.25575599	-20.41819984	-22.124426	-18.28340336	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	0.1047197551	-3.089232776	-20.61706327	-15.05001095	-25.411279	-17.52560711	0.0086755	0.0312607	0.0028766	0.0176783	-18.203692
5925000000	0.1047197551	-3.036872899	-16.4613786	-11.10631287	-28.04146183	-15.56129517	0.0225872	0.077512	0.0015698	0.0277888	-14.899317
5925000000	0.1047197551	-2.984513021	-15.2820809	-8.170864847	-26.95194083	-14.06506108	0.0296341	0.1523749	0.0020175	0.0392188	-12.532777
5925000000	0.1047197551	-2.932153143	-15.75448184	-6.961840849	-23.29722643	-12.91004875	0.0265798	0.2012871	0.0046803	0.0511676	-11.491779
5925000000	0.1047197551	-2.879793266	-14.10499546	-6.472041875	-21.14690397	-10.74681814	0.0388598	0.225318	0.0076791	0.0842012	-10.505392
5925000000	0.1047197551	-2.827433388	-10.92161679	-6.388179635	-19.75712396	-8.45491204	0.0808795	0.2297111	0.010575	0.1427279	-9.3564177
5925000000	0.1047197551	-2.775073511	-8.340283445	-7.695326228	-17.98169578	-7.21240221	0.1465452	0.1700072	0.0519159	0.1900027	-8.8399779
5925000000	0.1047197551	-2.722713633	-7.495427842	-9.749692445	-16.16058503	-7.120328488	0.1780153	0.1059329	0.0242071	0.1940739	-9.0115813
5925000000	0.1047197551	-2.670353756	-9.067373085	-9.437678809	-14.77570076	-7.822831826	0.1239546	0.1138212	0.0332989	0.1650885	-9.6241097
5925000000	0.1047197551	-2.617993878	-12.98628358	-8.726389533	-13.96342717	-8.725146693	0.0502773	0.1340971	0.040149	0.341175	-10.47422
5925000000	0.1047197551	-2.565634	-11.71804691	-8.936763641	-13.91245422	-8.99667015	0.0673279	0.127739	0.0406214	0.1259891	-10.437386
5925000000	0.1047197551	-2.513274123	-7.768305329	-8.44295984	-15.03209067	-8.308715944	0.1671743	0.1431212	0.03139	0.1476143	-9.1248499
5925000000	0.1047197551	-2.460914245	-6.026273092	-7.392323291	-17.57986704	-7.331154158	0.2496736	0.182292	0.0174588	0.1848777	-9.9976381
5925000000	0.1047197551	-2.408554368	-5.617733038	-6.758657586	-18.70634805	-6.587124963	0.2743006	0.210928	0.0134699	0.2194257	-7.4586003
5925000000	0.1047197551	-2.35619449	-5.336532879	-6.221618502	-15.62913353	-6.140973943	0.2926488	0.2386922	0.0273576	0.2341659	-6.9795904
5925000000	0.1047197551	-2.303834613	-4.413213166	-5.403043157	-13.45825097	-6.053703795	0.3619751	0.2882011	0.0450998	0.2481016	-6.237439
5925000000	0.1047197551	-2.251474735	-3.222473842	-4.52008201	-13.29543842	-6.544347952	0.4761597	0.3531765	0.0468227	0.2125977	-5.6155396
5925000000	0.1047197551	-2.199114858	-2.510383134	-3.944219009	-14.31688057	-7.12156871	0.5609985	0.4032535	0.0370094	0.1654791	-5.3508575
5925000000	0.1047197551	-2.14675									

5925000000	1.047197551	0.261799388	-15.56428542	-3.186543367	-10.34721214	-5.40476597	0.0277697	0.4801154	0.0923164	0.2880868	-6.5350602
5925000000	1.047197551	0.314159265	-12.82415626	-1.73006293	-9.207490026	-4.504215005	0.0521896	0.6714191	0.1200193	0.3544692	-5.2356792
5925000000	1.047197551	0.366519143	-10.3622411	-0.3899824	-7.983904719	-0.3093947919	0.0919975	0.9141169	0.1590778	0.4904618	-3.830904
5925000000	1.047197551	0.41887902	-8.896948169	0.040375338	-6.046777519	-1.710651085	0.1289155	1.0039401	0.2484976	0.6744629	-2.8794404
5925000000	1.047197551	0.471238898	-8.098298834	-0.296612485	-4.722607992	-0.722607992	0.1549423	0.9339825	0.3859814	0.8467188	-2.7969041
5925000000	1.047197551	0.523598776	-7.375670791	-0.208672707	-2.881290045	-0.220084036	0.1829923	0.9530874	0.5150756	0.9505864	-1.8679508
5925000000	1.047197551	0.575958653	-6.319802592	0.975899133	-2.160662658	-0.086290897	0.2333564	1.2519584	0.6080422	0.9810721	-1.142955
5925000000	1.047197551	0.628318531	-5.372888658	2.086461311	-1.469043456	-0.079067663	0.2902092	1.6167621	0.7130101	0.9819587	-0.4552351
5925000000	1.047197551	0.680678208	-5.132997925	2.431587683	-0.852664043	0.004389565	0.3066904	1.7504865	0.8942797	1.0010112	-0.0519165
5925000000	1.047197551	0.730388486	-5.361803891	2.541920673	0.612159335	0.250753599	0.2909508	1.7955275	1.1513727	1.0594375	0.3113453
5925000000	1.047197551	0.785398163	-5.018979035	3.30062906	1.423801765	0.617318051	0.3148488	2.1382718	1.3879703	1.1527412	0.9637395
5925000000	1.047197551	0.837758041	-3.825574087	4.335744383	1.773663058	1.014057272	0.4144218	2.7137788	1.5044103	1.2630069	1.6846933
5925000000	1.047197551	0.890117919	-2.467111355	4.745994214	1.849307484	1.362585762	0.566616	2.9826303	1.5308433	1.3685434	2.0740767
5925000000	1.047197551	0.942477796	-1.18610249	4.302543478	2.026647801	1.616335528	0.7610089	2.6931116	1.5946478	1.4508869	2.1083033
5925000000	1.047197551	0.994837674	-0.07355266	3.445013146	2.465380023	1.759694799	0.9832065	2.2105549	1.7641601	1.4995794	2.0800449
5925000000	1.047197551	1.047197551	0.525638773	2.850668378	2.902927449	1.798738596	1.1286619	1.9278216	1.9511594	1.5131217	2.1223853
5925000000	1.047197551	1.099557429	0.337672644	2.521166802	2.968572919	1.756413438	1.0808546	1.7869676	1.980876	1.4984669	2.0051843
5925000000	1.047197551	1.151917306	-0.527228102	2.073560186	2.550704148	1.666170336	0.8856807	1.6119665	1.7991626	1.6476315	1.5869724
5925000000	1.047197551	1.204277184	-1.501928883	1.83213447	1.896816224	1.548757955	0.7076314	1.524802	1.5476816	1.4284854	1.1466105
5925000000	1.047197551	1.256637061	-2.008693474	2.388362996	1.430873336	1.387039438	0.6296956	1.7331506	1.3902322	1.376271	1.0800228
5925000000	1.047197551	1.308996939	-2.193811156	3.295951087	1.275441153	1.120854931	0.6034189	2.1181422	1.3413562	1.2944506	1.2689148
5925000000	1.047197551	1.361356817	-2.491027722	3.664871317	1.049913866	0.668409886	0.5635043	2.3253436	1.2734778	1.1663825	1.2456195
5925000000	1.047197551	1.413716694	-2.890113206	3.474970804	0.314281393	-0.018604834	0.5140303	2.2258561	1.0750487	0.9957252	0.801447
5925000000	1.047197551	1.466076572	-2.994292572	3.081866016	-0.978814168	-0.885466312	0.5018463	2.0332304	0.7982126	0.8155552	0.1586717
5925000000	1.047197551	1.518436449	-2.638939916	2.906063197	-2.281213908	-1.772678888	0.5446356	1.9525687	0.5913963	0.6648629	-0.276278
5925000000	1.047197551	1.570796327	-2.239581753	2.864846106	-2.869414827	-2.576295794	0.5970928	1.9341253	0.516486	0.5525485	-0.4572702
5925000000	1.047197551	1.623156204	-2.283932016	2.538421922	-2.995219535	-3.402910935	0.5910263	1.794082	0.5017277	0.4567819	-0.7784335
5925000000	1.047197551	1.675516082	-2.829020275	1.641183819	-3.559668029	-4.377529878	0.5213123	1.459212	0.4405885	0.3649615	-1.570673
5925000000	1.047197551	1.72787596	-3.414135347	0.156389002	-5.08200262	-5.290302048	0.4556029	1.0366661	0.3134584	0.2957807	-2.7952892
5925000000	1.047197551	1.780235837	-3.486492605	-1.83401721	-6.989011799	-5.714256513	0.448075	0.6555386	0.2000317	0.2682714	-0.40563046
5925000000	1.047197551	1.832595715	-3.10370258	-4.455005023	-8.09096219	-5.705007549	0.4893614	0.3585085	0.1581577	0.2688433	-0.9659375
5925000000	1.047197551	1.884955592	-2.790042189	-7.579920545	-8.111215344	-5.736319501	0.5260122	0.1745854	0.1544822	0.266912	-5.5207033
5925000000	1.047197551	1.93731547	-2.896852566	-7.993121253	-7.741082799	-6.044784205	0.5123232	0.1587405	0.1344596	0.2646117	-5.78789
5925000000	1.047197551	1.989675347	-3.375068835	-4.952170384	-10.32124004	-6.503876264	0.4597197	0.3197297	0.0928701	0.2236724	-5.6225265
5925000000	1.047197551	2.042035225	-4.020212341	-2.473485972	-12.23261779	-6.769941202	0.3962587	0.565785	0.0598051	0.2103807	-5.1336842
5925000000	1.047197551	2.093895102	-4.836180856	-1.301560253	-12.68952437	-6.646450796	0.3283839	0.741044	0.0538362	0.216487	-4.7502887
5925000000	1.047197551	2.14675498	-5.885268764	-1.447526061	-11.70847645	-6.471792573	0.2579129	0.7165515	0.0674765	0.2253309	-4.9919023
5925000000	1.047197551	2.199114858	-6.905466309	-3.165566561	-10.71170037	-6.805078724	0.203917	0.48244	0.0848848	0.2086854	-0.9610661
5925000000	1.047197551	2.251474735	-7.509700297	-6.921159259	-10.36137896	-7.766714769	0.1774312	0.2031815	0.0920157	0.1672355	-0.9597238
5925000000	1.047197551	2.303834613	-7.694194464	-9.554240293	-10.88468305	-8.292598108	0.1700515	0.1180892	0.0815702	0.1845108	-0.7952892
5925000000	1.047197551	2.35619449	-7.630463973	-6.253108804	-11.92493447	-7.110808553	0.1725654	0.2369677	0.0641958	0.1944998	-7.7713492
5925000000	1.047197551	2.408554368	-7.453799087	-4.504239275	-12.15949602	-5.522636091	0.1797298	0.3544672	0.0680206	0.2808331	-0.9658066
5925000000	1.047197551	2.460914245	-7.037673032	-5.252755642	-11.71125951	-4.838293863	0.1978029	0.2983489	0.0763614	0.3282242	-6.4746117
5925000000	1.047197551	2.513274123	-6.035641275	-7.500983562	-10.62047115	-5.347173455	0.2491356	0.1777877	0.0866868	0.2919326	-6.959714
5925000000	1.047197551	2.565634	-5.165773595	-8.02532112	-11.92835027	-7.066633881	0.3043846	0.157568	0.0641453	0.1964883	-7.4317038
5925000000	1.047197551	2.617993878	-5.539974286	-6.461350472	-15.79388105	-7.7021641	0.279256	0.225873	0.0263398	0.105745	-7.687829
5925000000	1.047197551	2.670353756	-7.281983331	-5.901460301	-17.22257917	-11.45053953	0.1869828	0.2569532	0.0189558	0.0716054	-8.7411455
5925000000	1.047197551	2.722713633	-8.649202821	-6.781907411	-14.56457266	-10.23509753	0.1364834	0.2098018	0.0349577	0.0947306	-9.2447725
5925000000	1.047197551	2.775073511	-8.417383274	-6.708851636	-14.711280794	-9.011240699	0.1439666	0.2133609	0.0337878	0.1257568	-8.8883751
5925000000	1.047197551	2.827433388	-8.375041763	-4.866642477	-15.56758515	-9.195449179	0.145377	0.3260887	0.0277469	0.1203525	-8.0997303
5925000000	1.047197551	2.879793266	-8.971597392	-4.321296128	-14.03644686	-10.73848946	0.1267186	0.3697178	0.039478	0.0843628	-0.9947416
5925000000	1.047197551	2.932153143	-10.28617867	-5.851078317	-13.90883633	-13.25608301	0.0936229	0.2599514	0.0460552	0.0742489	-9.5715049
5925000000	1.047197551	2.984513021	-8.716652711	-16.96746068	-16.14382627	-10.0511452	0.0511452	0.13438	0.0201027	0.0243006	-12.104671
5925000000	1.047197551	3.036872899	-14.7821	-12.54239343	-21.2712824	-18.17135858	0.0332499	0.0556879	0.0074623	0.0152358	-15.542565
5925000000	1.047197551	3.089232776	-14.63813122	-20.19830672	-21.08535402	-18.42248631	0.0343706	0.0095537	0.0077887	0.0143798	-17.819066
5925000000	1.047197551	3.141592654	-17.25575599	-20.41819984	-22.124426	-18.28340336	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.099557429	-3.141592654	-17.25575556	-20.41819966	-22.12442587	-18.28340314	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.099557429	-3.089232776	-20.94754606	-15.09736377	-25.65566253	-17.22041066	0.0080398	0.0309217	0.0027192	0.0189653	-18.192583
5925000000	1.099557429	-3.036872899	-16.77881053	-11.18551202	-27.42796836	-15.02658402	0.0209951	0.0761112	0.0018081	0.0314298	-14.868698
5925000000	1.099557429	-2.984513021	-15.48789565	-8.265879764	-25.71623984	-13.47997008	0.0282625	0.1490775	0.0026815	0.0448748	-12.500777
5925000000	1.099557429	-2.932153143	-15.99180198	-7.022865938	-23.85401235	-12.51738689	0.0251663	0.1984785	0.0041172	0.0506030	-11.4919002
5925000000	1.099557429	-2.879793266	-13.98774536	-6.533740671	-23.13574629	-10.85554843	0.0399232	0.2221396	0.0048576	0.0821193	-10.591882
5925000000	1.099557429	-2.827433388	-10.70325927	-6.445865528	-21.45442545	-8.900607824	0.08505	0.2266801	0.0071541	0.1288229	-9.5106595
5925000000	1.099557429	-2.775073511	-8.434718057	-7.555803556	-18.33981418	-7.817211405	0.1433931	0.1755576	0.0146561	0.1653023	-9.0408859
5925000000	1.099557429	-2.722713633	-7.840124608	-9.182430629	-15.88706517	-7.988319008	0.1644325	0.1207138	0.0257806	0.1622438	-9.2704216
5925000000	1.099557429	-2.670353756	-9.389626826	-8.838701504	-14.53509139	-8.88607509	0.1150899	0.1306561	0.0351958	0.1292169	-8.91808
5925000000	1.099557429	-2.617993878	-12.88763663	-8.24514927	-14.03381625	-10.00452063	0.0514323	0.1497908	0.0395019	0.099896	-10.697885
5925000000	1.099557429										

5925000000	1.099557429	-0.157079633	-5.616297051	-15.56451915	-9.99257208	-13.1794212	0.2743913	0.0277682	0.1001712	0.0480903	-9.4844134
5925000000	1.099557429	-0.104719755	-6.320670217	-16.41644842	-11.70268639	-14.41170479	0.2333098	0.0228221	0.0675665	0.0362101	-10.45868
5925000000	1.099557429	-0.052359878	-6.678119722	-16.52456245	-11.90630117	-11.79720476	0.2148761	0.022261	0.0644758	0.0661119	-10.365732
5925000000	1.099557429	-4.44-16	-6.963298822	-12.77767657	-11.03294014	-8.622648634	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984779
5925000000	1.099557429	0.052359878	-9.068741128	-9.497339761	-6.501951351	-6.501970227	0.1239156	0.1122706	0.0789603	0.2237738	-8.7053548
5925000000	1.099557429	0.104719755	-14.57124951	-6.928866979	-13.35112336	-5.497278207	0.034904	0.2028212	0.0462261	0.282015	-8.4926943
5925000000	1.099557429	0.157079633	-22.21237406	-5.051152846	-5.55696553	-5.315166055	0.0060085	0.312525	0.0278166	0.2904921	-7.9558012
5925000000	1.099557429	0.20943951	-18.35625119	-4.003106266	-12.39743748	-5.463065297	0.0146007	0.3978225	0.057578	0.2842454	-7.2454661
5925000000	1.099557429	0.261799388	-15.54139982	-3.165238446	-9.921940646	-5.333945945	0.0279164	0.4824765	0.1018136	0.2982813	-6.4539716
5925000000	1.099557429	0.314159265	-12.45553603	-1.84955703	-8.752172953	-4.569609151	0.0568128	0.6531972	0.1332854	0.3491717	-5.2561356
5925000000	1.099557429	0.366519143	-10.04965764	-0.588198259	-7.541447793	-3.374494108	0.0988631	0.8733336	0.1761389	0.4597805	-3.9574258
5925000000	1.099557429	0.41887902	-8.934102753	-0.104747301	-5.645294164	-2.216222897	0.1278173	0.9761696	0.2725653	0.6003129	-3.0608294
5925000000	1.099557429	0.471238898	-8.539381403	-0.273415511	-3.777223781	-1.412897508	0.1399787	0.9389846	0.4190614	0.7222877	-2.5564592
5925000000	1.099557429	0.523598776	-7.77152293	-0.062398634	-2.564409213	-1.022964058	0.1670505	0.9857349	0.5540629	0.7901392	-2.0464363
5925000000	1.099557429	0.575958653	-6.295599051	1.025089058	-1.884969405	-0.885639562	0.2346606	1.2662192	0.6478927	0.8155227	-1.3013855
5925000000	1.099557429	0.628318531	-5.051076123	2.000641831	-1.23255603	-0.749593424	0.3125305	1.5851274	0.7529123	0.8414739	-0.5898027
5925000000	1.099557429	0.680678408	-4.63900189	2.289963303	-0.276680438	-0.472201894	0.3436369	1.6943235	0.9382789	0.8969739	-0.1398859
5925000000	1.099557429	0.733038286	-4.785564455	2.410257314	0.08638432	-0.089888332	0.3322336	1.7419101	1.2040331	0.9795152	0.2711425
5925000000	1.099557429	0.785398163	-4.651593368	3.160224537	1.606175868	0.301490391	0.3426421	2.0702484	1.4474967	1.0718871	0.9098722
5925000000	1.099557429	0.837758041	-3.860501323	4.149656524	1.926109671	0.642442709	0.4111023	2.5999539	1.5581561	1.1594293	1.5599166
5925000000	1.099557429	0.890117919	-2.743168485	4.542767179	1.934945364	0.915579862	0.5317202	2.8462741	1.5613294	1.2346902	1.8850761
5925000000	1.099557429	0.942477796	-1.461856269	4.179535623	2.018053939	1.126896142	0.714191	2.6179031	1.5914952	1.2962525	1.9171935
5925000000	1.099557429	0.994837674	-0.227765429	3.553282473	3.553282473	1.285184251	0.9489066	2.2663566	1.7299728	1.3443688	1.9653672
5925000000	1.099557429	1.047197551	0.498643122	3.2329364	2.784931777	1.392867248	1.121668	2.1052014	1.898861	1.3781119	2.1111048
5925000000	1.099557429	1.099557429	0.422582386	3.04830335	2.844203145	1.453078352	1.1021945	2.017578	1.9249658	1.2937585	2.0696723
5925000000	1.099557429	1.151917306	-0.353768477	2.651243235	2.421467536	1.466142902	0.9217712	1.841299	1.7464122	1.4015684	1.696047
5925000000	1.099557429	1.204277184	-1.322094342	2.435617861	1.751661019	1.415846663	0.7375485	1.7521117	1.496808	1.3854303	1.286078
5925000000	1.099557429	1.256637061	-1.94300212	2.976952239	1.27162179	1.264655261	0.6392928	1.9847016	1.3401771	1.3380259	1.223959
5925000000	1.099557429	1.308996939	-2.289520187	3.778446839	1.131202173	0.95150107	0.5902663	2.3869575	1.2975384	1.2449448	1.3985603
5925000000	1.099557429	1.361356817	-2.7311431	4.063630127	0.952253074	0.410700942	0.5331945	2.54896	1.2451604	1.0991832	1.3245967
5925000000	1.099557429	1.413716694	-3.17316694	3.675949217	0.27506067	-0.363342916	0.4725408	2.3312826	1.0653837	0.917413	0.7818017
5925000000	1.099557429	1.466076572	-3.480163322	2.988842373	-0.976226452	-1.25046159	0.4487285	1.9901428	0.7986884	0.7498145	-0.01373
5925000000	1.099557429	1.518436449	-3.198702416	2.498273683	-2.290253826	-2.048142502	0.4787731	1.777527	0.5901666	0.6240017	-0.6166618
5925000000	1.099557429	1.570796327	-2.791819238	2.191579432	-2.919047679	-2.679929571	0.525797	1.6563722	0.510617	0.5395194	-0.9254759
5925000000	1.099557429	1.623156204	-2.778726043	1.563859381	-3.017568723	-3.280820806	0.5273845	1.4334612	0.4991639	0.4680503	-1.3521981
5925000000	1.099557429	1.675516082	-3.22678035	0.213459311	-3.462090468	-3.893024971	0.4756877	1.0503788	0.4505998	0.4080351	-2.2462599
5925000000	1.099557429	1.72787596	-3.66117801	-1.857181605	-4.761148711	-4.249070395	0.4304098	0.6520514	0.3341067	0.3759179	-3.4864077
5925000000	1.099557429	1.782035837	-3.577440351	-4.310026036	-4.614971207	-4.233857074	0.4387892	0.3706785	0.2180233	0.377237	-4.5404624
5925000000	1.099557429	1.832595715	-3.10768555	-6.969861908	-7.846255379	-4.260355056	0.4889128	0.2009157	0.1642005	0.3749423	-5.1251823
5925000000	1.099557429	1.884955592	-2.784218408	-9.349265626	-8.150911654	-4.725044676	0.526718	0.1161645	0.1530766	0.3368956	-5.4788578
5925000000	1.099557429	1.93731547	-2.957363256	-8.389195756	-8.679356934	-5.614708437	0.5061319	0.144904	0.135539	0.2744917	-5.7631737
5925000000	1.099557429	1.989675347	-3.596291368	-5.187776964	-10.02694482	-6.587674912	0.4368888	0.3028463	0.0993815	0.2193979	-5.7736318
5925000000	1.099557429	2.042035225	-4.461598799	-2.852440176	-11.76805228	-7.278638884	0.3579646	0.5185086	0.0665572	0.1892397	-4.0808924
5925000000	1.099557429	2.094395102	-5.469356788	-1.828027433	-12.51781563	-7.397170927	0.2838339	0.6564434	0.0560039	0.1280887	-5.3077836
5925000000	1.099557429	2.14675849	-6.643289937	-2.111570155	-11.8822655	-7.469918154	0.2166063	0.614945	0.0657926	0.179064	-5.700793
5925000000	1.099557429	2.199114858	-7.610860083	-4.007786616	-10.81846463	-8.013217673	0.1733461	0.397394	0.0815709	0.1580077	-6.9340412
5925000000	1.099557429	2.251474735	-7.804714374	-8.729592389	-10.56422697	-8.97650896	0.1657786	0.1339802	0.0878167	0.1265753	-8.9096934
5925000000	1.099557429	2.303834613	-7.447859117	-19.78806098	-10.01566254	-8.869918269	0.1799758	0.0105001	0.0791469	0.1297204	-10.007138
5925000000	1.099557429	2.35619449	-7.06985621	-11.21270452	-11.71395003	-7.138223032	0.1963425	0.0756362	0.0671127	0.1932759	-8.7584859
5925000000	1.099557429	2.408554368	-6.804057134	-7.447615543	-11.72531276	-5.656152291	0.2087345	0.1799859	0.0672154	0.2718847	-7.4003571
5925000000	1.099557429	2.460914245	-6.412306739	-6.947582527	-10.94274367	-5.372939098	0.2284385	0.201949	0.080487	0.2902058	-6.9833908
5925000000	1.099557429	2.513274123	-5.624504022	-6.976343937	-10.60361689	-6.463663547	0.2738732	0.200616	0.0870239	0.2271624	-7.0516163
5925000000	1.099557429	2.565634	-5.0294222	-5.974886381	-11.91623642	-8.917349054	0.3140927	0.2526454	0.0643245	0.1283114	-7.2160434
5925000000	1.099557429	2.617993878	-5.569553114	-5.160883228	-15.3306468	-12.53927049	0.2773605	0.3047275	0.0293046	0.0557279	-7.7785566
5925000000	1.099557429	2.670353756	-7.383987114	-5.71465874	-16.09076041	-13.31844673	0.1826423	0.2682465	0.0245994	0.0525953	-8.8433671
5925000000	1.099557429	2.722713633	-8.830019204	-7.473935342	-13.77459583	-10.61932928	0.1309176	0.1788984	0.0419315	0.0867096	-9.6013289
5925000000	1.099557429	2.775073511	-8.665528374	-7.224172841	-13.89862361	-9.266409935	0.1359713	0.1894884	0.0407509	0.118402	-9.1666525
5925000000	1.099557429	2.827433388	-8.633675141	-5.005537508	-14.72602058	-9.821729916	0.1369722	0.3158248	0.033682	0.1041902	-8.3071561
5925000000	1.099557429	2.879793266	-9.198778423	-4.435341935	-13.56993143	-11.91350309	0.1202603	0.3601354	0.0439549	0.064365	-8.3215452
5925000000	1.099557429	2.932153143	-10.41728449	-5.951714884	-13.60608118	-14.7784812	0.0908388	0.253997	0.0435905	0.0332776	-9.7705239
5925000000	1.099557429	2.984513021	-12.88707761	-8.74838609	-16.67990149	-17.31416572	0.051439	0.1334017	0.0214788	0.0185602	-12.501073
5925000000	1.099557429	3.036872899	-14.73520196	-12.5861755	-21.12075063	-18.54057797	0.0336109	0.0551293	0.0077255	0.013994	-15.589567
5925000000	1.099557429	3.089232776	-14.68274068	-20.26676417	-21.07970333	-18.47417681	0.0340193	0.0094042	0.0077988	0.0142096	-17.862696
5925000000	1.099557429	3.141592654	-17.25575556	-20.41819966	-22.12442587	-18.28340314	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.151917306	3.141592654	-17.25575621	-20.41819988	-22.12442635	-18.28340327	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.151917306	3.089232776	-21.29462506	-15.15529372	-25.86870074	-16.94090979	0.0074223	0.030512	0.002589	0.020226	-18.185193
5925000000	1.151917306	3.036872899	-17.10762313	-11.28473794	-26.66467716	-14.55507065	0.0194643	0.074392	0.0021554	0.0350343	-14.846365
5925000000	1.151917306	2.984513021	-15.								

5925000000	1.151917306	-0.575958653	-0.766846462	-6.51008491	-2.26282778	-6.786653361	0.8381377	0.2233529	0.5939053	0.2095727	-3.3138849
5925000000	1.151917306	-0.523598776	-3.183167857	-10.13979876	-2.814470204	-6.249713382	0.4804887	0.0968323	0.5230618	0.237153	-4.7575458
5925000000	1.151917306	-0.471238898	-2.433209736	-13.52438258	-3.677754801	-5.754745648	0.5710564	0.0444183	0.4287701	0.2657819	-4.8477982
5925000000	1.151917306	-0.41887902	-1.162969752	-12.17713617	-4.48031069	-5.517355674	0.7650733	0.060574	0.3564256	0.2807142	-4.3687886
5925000000	1.151917306	-0.366519143	-1.51800422	-10.56076038	-4.982514877	-5.75526388	0.705017	0.0878869	0.3175035	0.2657502	-4.6391393
5925000000	1.151917306	-0.314159265	-3.640146299	-11.00054078	-5.144042658	-6.689021584	0.4324993	0.0794229	0.2874721	0.2143373	-5.3613698
5925000000	1.151917306	-0.261799388	-5.961877118	-13.42389787	-6.260018732	-8.468250784	0.2534033	0.045458	0.2365909	0.1422902	-7.7099532
5925000000	1.151917306	-0.20943951	-5.914737756	-15.63454909	-7.929131865	-11.06021208	0.2561688	0.0273241	0.1610968	0.0783391	-8.8361747
5925000000	1.151917306	-0.157079633	-5.696379403	-15.55258479	-10.14978048	-13.81104746	0.269378	0.0278446	0.09661	0.041581	-9.63158
5925000000	1.151917306	-0.104719755	-6.375616308	-16.39303381	-11.74889857	-14.391055	0.2303766	0.0229455	0.0668513	0.0363827	-10.499322
5925000000	1.151917306	-0.052359878	-6.676107433	-16.31253282	-11.89833697	-11.72822142	0.2149756	0.0233747	0.0645902	0.0671704	-10.337281
5925000000	1.151917306	-4.44E-16	-6.963298615	-12.77767659	-11.03294118	-8.622648171	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984777
5925000000	1.151917306	0.052359878	-9.046027986	-9.597555894	-11.38803022	-6.481785714	0.1245653	0.1097095	0.0769342	0.224813	-8.7287728
5925000000	1.151917306	0.104719755	-10.4719755	-7.056923642	-13.81207388	-5.430576072	0.0360657	0.1969281	0.0415712	0.2863798	-8.5313988
5925000000	1.151917306	0.157079633	-22.63020145	-5.133590125	-16.01782836	-5.211424189	0.0054573	0.3066486	0.025016	0.3012018	-7.9701902
5925000000	1.151917306	0.20943951	-18.94112242	-3.997821419	-12.07512217	-5.352405205	0.0127611	0.3983069	0.0620137	0.2915812	-7.1858997
5925000000	1.151917306	0.261799388	-15.5942335	-3.168366102	-9.458844357	-5.273006089	0.0275789	0.4821291	0.1132702	0.296961	-6.3830087
5925000000	1.151917306	0.314159265	-12.18166521	-2.010414167	-8.276236702	-4.651052948	0.0605109	0.6294462	0.1487224	0.246847	-5.2967622
5925000000	1.151917306	0.366519143	-9.785303028	-0.855678209	-7.092571521	-3.680626955	0.1050678	0.8211683	0.1953183	0.4284867	-4.1176179
5925000000	1.151917306	0.41887902	-8.941883235	-0.318536245	-5.260588614	-2.76004472	0.1275885	0.9292795	0.2978113	0.529658	-3.2690133
5925000000	1.151917306	0.471238898	-8.936477098	-0.297335981	-3.457562527	-2.136431961	0.1277475	0.9338269	0.4510698	0.6114442	-2.7488741
5925000000	1.151917306	0.523598776	-8.126121019	0.043971138	-2.300605929	-1.806719135	0.1539529	1.0101762	0.5887615	0.6596721	-2.195814
5925000000	1.151917306	0.575958653	-6.246558493	1.046150349	-1.681901233	-1.556327737	0.2373254	1.2723747	0.6789064	0.6988231	-1.415486
5925000000	1.151917306	0.628318531	-4.730882836	1.917808845	-1.098297831	-1.156926065	0.3364432	1.5551808	0.7765514	0.7661387	-0.6621998
5925000000	1.151917306	0.680678408	-4.133703009	2.181943121	-0.200713342	-0.605528525	0.3860377	1.6527011	0.9548357	0.5689556	-0.1508694
5925000000	1.151917306	0.733038286	-4.152851815	2.261230457	0.851025345	-0.065192995	0.3843393	1.6831509	1.2164732	0.9851009	0.282727
5925000000	1.151917306	0.785398163	-4.145602748	2.839047275	1.635166932	0.347343678	0.3849814	1.9226699	1.4571917	1.0832641	0.8351222
5925000000	1.151917306	0.837578041	-3.739263444	3.624570136	1.92693685	0.613774108	0.4227403	2.3038649	1.5584529	1.1518009	1.3328808
5925000000	1.151917306	0.890117919	-2.949385224	3.886488396	1.872218927	0.773812128	0.5070625	2.4470838	1.5389407	1.1950366	1.5239093
5925000000	1.151917306	0.942477796	-1.768885756	3.527323953	1.866045106	0.894548782	0.6654439	2.2582856	1.5367546	1.2287255	1.5257685
5925000000	1.151917306	0.994837674	-0.474142427	3.155840939	2.161233438	1.030448248	0.8965732	2.0681598	1.6448388	1.2677827	1.671219
5925000000	1.151917306	1.047197551	0.369978971	3.279554718	2.574269745	1.196408306	1.0889248	2.1279209	1.7977404	1.3176179	1.9946398
5925000000	1.151917306	1.099557429	0.445305792	3.486201159	2.618424419	1.385803766	1.1079766	2.2316193	1.8273185	1.3758794	2.3720324
5925000000	1.151917306	1.151917306	-0.151226025	3.367656003	2.211109325	1.571079321	0.9657782	2.1715288	1.6638376	1.4358462	1.9291512
5925000000	1.151917306	1.204277184	-0.970448542	3.28133375	1.547608276	1.687831961	0.7997517	2.1287927	1.4281073	1.744797	1.6372935
5925000000	1.151917306	1.256637061	-1.551560617	3.759282607	1.070948569	1.654980838	0.6995906	2.7364477	1.2796714	1.4638551	1.6283051
5925000000	1.151917306	1.308969399	-1.930950699	4.44611283	0.951997265	1.400170237	0.6410692	2.7836286	1.2450871	1.3804384	1.7971141
5925000000	1.151917306	1.361356817	-2.393587774	4.648281188	0.819345088	0.888312718	0.5762902	2.9162726	1.2076317	1.2269625	1.7078644
5925000000	1.151917306	1.413716694	-2.921818881	4.14735081	0.203031594	0.181761073	0.5102912	2.598574	1.0478598	1.0427404	1.1389868
5925000000	1.151917306	1.466076572	-3.202425698	3.207467296	-0.9957442	-0.542788054	0.4783628	2.0928916	0.795107	0.8825132	0.2621392
5925000000	1.151917306	1.518436449	-3.045366605	2.320619922	-2.310827526	-1.129706106	0.4959791	1.7063259	0.5873774	0.7709556	-0.5053216
5925000000	1.151917306	1.570796327	-2.744486725	1.622054612	-2.998179894	-1.611578849	0.5315588	1.4527988	0.5013973	0.6899906	-1.002143
5925000000	1.151917306	1.623156204	-2.773813389	0.613664783	-3.110104798	-2.115186656	0.5279814	1.1517719	0.4886406	0.6144426	-1.5757229
5925000000	1.151917306	1.67516082	-3.226168168	-1.295192628	-3.4662221561	-2.582221561	0.4757548	1.7421313	0.5401712	0.5517951	-2.5757289
5925000000	1.151917306	1.72787596	-3.687161658	-4.319681339	-4.590455702	-2.77011988	0.4278424	0.3698553	0.3474997	0.5284307	-3.7840103
5925000000	1.151917306	1.780235837	-3.68923126	-8.034511521	-6.28046435	-2.750209597	0.4276384	0.1572349	0.2354797	0.5308588	-4.7133655
5925000000	1.151917306	1.832595715	-3.325261599	-11.66801162	-7.577154453	-3.00096599	0.4650224	0.0681081	0.1746966	0.5010758	-5.1966858
5925000000	1.151917306	1.884955592	-3.090409277	-14.25893046	-8.038732132	-3.835621397	0.4908616	0.0375065	0.1570821	0.4134642	-5.6109611
5925000000	1.151917306	1.93731547	-3.345058588	-11.14571402	-8.500248692	-5.090473395	0.4629074	0.0768119	0.1411481	0.3097082	-6.0617235
5925000000	1.151917306	1.989673347	-4.074672664	-6.59077793	-9.56384981	-6.243355727	0.3913206	0.2194212	0.1105643	0.2375004	-6.2041051
5925000000	1.151917306	2.042035225	-4.493567398	-3.782616681	-11.0376498	-6.945564791	0.3166965	0.4185413	0.0787472	0.2020429	-5.9515438
5925000000	1.151917306	2.094395102	-5.930704867	-2.579748825	-12.04578683	-7.334652476	0.2552287	0.5521094	0.062344	0.1847289	-5.7901301
5925000000	1.151917306	2.14675498	-6.89632006	-2.700476844	-11.8757548	-7.80188679	0.2043469	0.5369728	0.0649269	0.1658866	-5.1433422
5925000000	1.151917306	2.199114858	-7.554958022	-4.086355761	-11.20931433	-8.740086753	0.1755918	0.3902693	0.0756952	0.1336569	-7.1263881
5925000000	1.151917306	2.251474735	-7.428455245	-6.967420969	-11.01129807	-9.824802424	0.1807817	0.2010286	0.0792264	0.1041165	-8.498937
5925000000	1.151917306	2.303834613	-6.863036545	-10.94060418	-11.44929598	-9.304902193	0.205919	0.0805266	0.071262	0.1173572	-9.2497453
5925000000	1.151917306	2.35619449	-6.410074837	-11.294039	-11.87883172	-7.379840311	0.2285559	0.0742328	0.0648809	0.1828167	-8.6131338
5925000000	1.151917306	2.408554368	-6.148111018	-8.950866367	-11.58621944	-6.078475779	0.2427666	0.1173249	0.069403	0.2466905	-7.656188
5925000000	1.151917306	2.460914245	-5.86809956	-7.2527727	-10.8327161	-6.076805284	0.2589346	0.1882447	0.0825522	0.2467854	-7.1190913
5925000000	1.151917306	2.513274123	-5.404307555	-5.738803687	-10.54711805	-7.39356223	0.2881172	0.2667593	0.0881634	0.18224	-6.8545868
5925000000	1.151917306	2.565364	-5.169399385	-4.60082658	-11.69601762	-9.924244524	0.3041306	0.3467303	0.0676703	0.1017596	-6.8809217
5925000000	1.151917306	2.617993878	-5.904479435	-4.508355433	-14.48298665	-12.76188119	0.2567746	0.3541314	0.0356206	0.0529434	-7.5729088
5925000000	1.151917306	2.670353756	-7.702417005	-5.918212059	-14.9838436	-12.29860201	0.1697299	0.2559693	0.0317406	0.0589033	-8.8912157
5925000000	1.151917306	2.722713633	-8.418644515	-13.06764778	-9.995644649	-9.995644649	0.125629	0.1439248	0.0493441	0.1001003	-9.7984785
5925000000	1.151917306	2.775073511	-8.882263086	-7.857114826	-13.10929511	-9.185975509	0.1293522	0.1637904	0.0488732	0.1206153	-9.3682519
5925000000	1.151917306	2.827433388	-8.939991711	-5.338838205	-13.89957889	-10.31908234	0.1276441	0.2924935	0.040742	0.0929163	-8.587103
5925000000	1.151917306	2.879793266	-9.473988476	-4.759149038	-13.18307789	-13.13499859	0.1128759	0.3342605	0.0480499	0.0485848	-8.6664391
5925000000	1.151917306	2.932153143									

5925000000	1.204277184	-0.994837674	3.583782717	-2.235733146	1.026845134	-2.829907941	2.2823291	0.5976221	1.2667313	0.5212058	0.6706047
5925000000	1.204277184	-0.942477796	4.399631149	-3.137919316	0.88968695	-3.305337301	2.7539948	0.4855211	1.2273508	0.4671607	0.9114155
5925000000	1.204277184	-0.890117919	4.567542903	-4.015298192	1.07805847	-3.673334939	2.862558	0.3967073	1.2817576	0.4292067	0.9436165
5925000000	1.204277184	-0.837758041	3.792403314	-4.959706401	1.019646026	-4.124232685	2.3946405	0.3191754	1.2646333	0.3868804	0.3795705
5925000000	1.204277184	-0.785398163	2.871594909	-5.700864198	0.009675427	-4.872293959	1.9371332	0.2690999	1.0967245	0.3256646	-0.4231823
5925000000	1.204277184	-0.733038286	2.727468745	-5.487164217	-0.62015759	-5.910240157	1.873902	0.2862725	0.8669268	0.2564342	-0.8619469
5925000000	1.204277184	-0.680678408	2.61909742	-4.808599766	-1.540646655	-6.945323182	1.8277203	0.304761	0.7013509	0.2020541	-1.1611135
5925000000	1.204277184	-0.628318531	1.416893136	-4.962871108	-2.05808373	-7.54440192	1.3857641	0.3189429	0.6225749	0.1760191	-2.0354691
5925000000	1.204277184	-0.575958653	-1.061046388	-6.649399261	-2.437818333	-7.563404824	0.7832409	0.2163018	0.5704508	0.1752506	-3.6020383
5925000000	1.204277184	-0.523598776	-2.891653655	-9.992477413	-7.250157289	-7.250157289	0.513848	0.1001734	0.4921123	0.1885581	-4.8996072
5925000000	1.204277184	-0.471238898	-1.855961407	-12.89793051	-4.015247128	-6.868953208	0.6522346	0.0513106	0.396712	0.2056386	-4.8615147
5925000000	1.204277184	-0.41887902	-0.788508887	-11.50504185	-4.867195967	-6.629456931	0.8339675	0.0707124	0.3260471	0.2172973	-4.4128431
5925000000	1.204277184	-0.366519143	-1.30810022	-9.963169247	-5.389438478	-6.820658366	0.7399289	0.1008517	0.2891054	0.2079381	-4.7566099
5925000000	1.204277184	-0.314159265	-3.45007884	-10.34199977	-5.819198771	-7.751765793	0.4518477	0.0924272	0.2618666	0.1678122	-6.1352165
5925000000	1.204277184	-0.261799388	-5.722762733	-12.58414584	-6.630472725	-9.603275273	0.2677465	0.0551551	0.2172465	0.1095652	-7.8933834
5925000000	1.204277184	-0.20943951	-5.866910992	-15.01937605	-8.219000246	-12.21496791	0.2590054	0.031482	0.1506954	0.0600486	-9.0202164
5925000000	1.204277184	-0.157079636	-5.784815643	-15.5265598	-10.3132128	-14.49938673	0.263948	0.028012	0.0930419	0.0354863	-9.7830606
5925000000	1.204277184	-0.104719755	-6.432532857	-16.3347888	-11.79618494	-14.31119571	0.2273771	0.0232553	0.0661274	0.0368876	-10.534896
5925000000	1.204277184	-0.052359878	-6.673013611	-16.08201292	-11.88997949	-11.64669092	0.2151288	0.024649	0.0647146	0.0684433	-10.304261
5925000000	1.204277184	-4.44E-16	-6.96329873	-12.77767624	-11.03294116	-8.622648505	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984778
5925000000	1.204277184	0.052359878	-9.013342916	-9.701350153	-11.25377814	-6.465381737	0.1255064	0.1071186	0.0749242	0.2256638	-8.751593
5925000000	1.204277184	0.104719755	-14.22614855	-7.196402145	-14.2921559	-5.367942633	0.0377907	0.190704	0.0372207	0.2905399	-8.5678585
5925000000	1.204277184	0.157079633	-22.63936888	-5.240851977	-16.3737078	-5.112429905	0.0054458	0.2991678	0.0230478	0.3081463	-7.987343
5925000000	1.204277184	0.20943951	-19.48517102	-4.021777379	-11.68615143	-5.248893162	0.0112586	0.3961159	0.0678248	0.2986144	-7.1342364
5925000000	1.204277184	0.261799388	-15.66113962	-3.193011642	-8.980975845	-5.217409388	0.0271573	0.4794009	0.1264452	0.300787	-6.318106
5925000000	1.204277184	0.314159265	-11.98104207	-2.203790186	-7.601002871	-4.719142726	0.0633718	0.6020339	0.1659204	0.3373539	-5.3463439
5925000000	1.204277184	0.366519143	-9.580794457	-1.191600991	-6.661668782	-3.941716595	0.1101338	0.760046	0.2156915	0.4034859	-4.2906111
5925000000	1.204277184	0.41887902	-8.933031884	-0.609195374	-4.92063984	-3.223399648	0.1278488	0.8691214	0.3220621	0.4760582	-3.4797363
5925000000	1.204277184	0.471238898	-9.259023639	-0.376912837	-3.207214941	-2.72483547	0.1186035	0.916872	0.4778356	0.5339695	-2.9088261
5925000000	1.204277184	0.523598776	-8.425027688	0.106996245	-2.126033239	-2.36021572	0.1437134	1.0249428	0.61291	0.5807356	-2.2872463
5925000000	1.204277184	0.575958653	-6.215974198	1.033681202	-1.590014162	-1.889959206	0.2390026	1.2687268	0.6934235	0.6471487	-1.4747401
5925000000	1.204277184	0.628318531	-4.482091334	1.834211973	-1.102892597	-1.192199156	0.3562795	1.5253316	0.7757303	0.7599414	-0.8353666
5925000000	1.204277184	0.680678408	-3.707868702	2.146796151	-0.288632523	-0.418605592	0.4258073	1.933799	0.9356995	0.9801121	-0.0999446
5925000000	1.204277184	0.733038286	-3.572820867	2.242390844	0.720691847	0.213252912	0.4392562	1.6758652	1.1805087	1.0503288	0.3602563
5925000000	1.204277184	0.785398163	-3.60167083	2.581991973	1.490444025	0.610582559	0.4363479	1.8121711	1.4094329	1.1509547	0.7998635
5925000000	1.204277184	0.837758041	-3.494534137	2.996811959	1.761493201	0.788395399	0.4472461	1.9937982	1.5002005	1.1090562	1.0892857
5925000000	1.204277184	0.890117919	-3.053555364	2.961130657	1.6567571	0.810828528	0.4950448	1.9774844	1.4644539	1.2052659	1.1090931
5925000000	1.204277184	0.942477796	-2.048202121	2.485048097	1.584140214	0.771847001	0.6239931	1.7721677	1.4401709	1.194496	0.9957945
5925000000	1.204277184	0.994837674	-0.746138516	2.344336855	1.841894472	0.756373417	0.8421436	1.7156697	1.5282326	1.1902477	1.2026896
5925000000	1.204277184	1.047197552	0.199799355	2.953834785	2.237951044	0.798409649	1.0470802	1.9741651	1.6741528	1.2018243	1.6688752
5925000000	1.204277184	1.099557429	0.448438439	3.580429488	2.344749166	0.903355636	1.1087761	2.2805676	1.7158326	1.2312197	1.9978232
5925000000	1.204277184	1.151917306	0.101411878	3.727974726	1.976962414	1.043491676	1.0236257	2.3593777	1.5765082	1.271596	1.9250527
5925000000	1.204277184	1.204277184	-0.439577374	3.701563005	1.343451088	1.115620152	0.9037374	2.3450726	1.362527	1.2928931	1.6910315
5925000000	1.204277184	1.256637061	-0.823144295	4.046530379	0.885637967	0.982299877	0.827343	2.5389435	1.226207	1.253805	1.6982998
5925000000	1.204277184	1.30896939	-1.112216852	4.61992039	0.786564447	0.545674191	0.7740666	2.8972905	1.1985508	1.1338808	1.7636541
5925000000	1.204277184	1.361356817	-1.523527123	4.823302576	0.689249281	-0.202054912	0.704121	3.0361992	1.1719928	0.9545408	1.6634527
5925000000	1.204277184	1.413716694	-2.017271019	4.371491169	0.126405392	-1.106936947	0.6284531	2.7362081	1.0295336	0.7750082	1.113636
5925000000	1.204277184	1.466076572	-2.330750225	3.410624867	-1.016673126	-1.874198791	0.5846891	2.1931205	0.7912846	0.6495014	0.310179
5925000000	1.204277184	1.518436449	-2.308974936	2.360077074	-2.32694044	-2.356814257	0.587628	1.7218991	0.5856398	0.5811906	-0.6093555
5925000000	1.204277184	1.570796327	-2.189927004	1.462249338	-3.082038811	-2.717352857	0.6039588	1.4003124	0.4918086	0.5348903	-1.2047834
5925000000	1.204277184	1.623156204	-2.388630713	0.361442451	-3.104555608	-3.104555608	0.5769483	1.0867865	0.4734721	0.6287828	-1.9358102
5925000000	1.204277184	1.675516082	-3.023611146	-1.521259061	-3.548383152	-3.366055543	0.4984698	0.7044888	0.4417349	0.4606748	-2.787391
5925000000	1.204277184	1.72787596	-3.74443442	-4.427946167	-3.480613303	-3.280613303	0.4222373	0.3607492	0.3544218	0.4698278	-3.9598032
5925000000	1.204277184	1.780235837	-4.045337065	-7.87234789	-5.981514672	-3.100757483	0.3939728	0.1632169	0.2522601	0.4896934	-4.8840295
5925000000	1.204277184	1.832595715	-3.895626414	-10.786712	-7.214812443	-3.348703339	0.4077907	0.0834313	0.1898973	0.4625191	-5.4377127
5925000000	1.204277184	1.884955592	-3.761806116	-13.11708173	-7.757933668	-4.179399058	0.4205517	0.0487856	0.1675732	0.3819971	-5.9392516
5925000000	1.204277184	1.93731547	-4.040901812	-12.55829341	-6.169329131	-5.170841193	0.3943754	0.0554844	0.1524288	0.3040296	-6.4477929
5925000000	1.204277184	1.989673574	-4.718598426	-8.274140639	-8.976381844	-5.797939661	0.3373962	0.1487942	0.126579	0.2631516	-6.5959505
5925000000	1.204277184	2.042035225	-5.433448796	-5.042760527	-10.20735701	-6.196598319	0.2861904	0.3131295	0.0953378	0.2040713	-6.3317431
5925000000	1.204277184	2.094395102	-5.97212531	-3.505038691	-11.44610646	-6.754682031	0.2528061	0.4461656	0.0716786	0.2111212	-6.1004959
5925000000	1.204277184	2.14675498	-6.468785181	-3.236259244	-11.93332953	-7.638217872	0.225487	0.4746506	0.0640718	0.1722575	-6.3056752
5925000000	1.204277184	2.199114858	-6.843314483	-3.802505267	-11.67819239	-8.927783768	0.2068562	0.4166229	0.0679486	0.1280034	-6.8854429
5925000000	1.204277184	2.251474735	-6.771874328	-4.899262632	-11.61409597	-10.05186958	0.2102871	0.3236486	0.0686427	0.0988128	-7.5609975
5925000000	1.204277184	2.303834613	-6.356561355	-6.284485698	-12.09310337	-9.383410253	0.2313896	0.2352618	0.0617858	0.1152548	-9.338184
5925000000	1.204277184	2.35619449	-5.948381965	-7.53253091	-12.33843502	-7.602320448	0.254192	0.1765009	0.0583655	0.1736873	-7.8073111
5925000000	1.204277184	2.406914245	-5.679245049	-7.762419777	-11.83902439	-6.519179297	0.2704428	0.167401	0.0654783	0.2228856	-7.4099909
5925000000	1.204277184	2.460914245	-5.533271722	-6.454272784	-11.008230817	-6.566793236	0.2796874	0.2262417	0.0792824	0.2204554	-6.9590448
5925000000	1.204277184	2.									

5925000000	1.256637061	-1.413716694	6.53031673	-5.132257596	0.132863612	-5.39906742	4.4981266	0.3067427	1.0310658	0.2884651	1.8500357
5925000000	1.256637061	-1.361356817	6.592028573	-4.746601794	0.485943539	-5.93238634	4.5624998	0.3352276	1.1183928	0.2551299	1.9529413
5925000000	1.256637061	-1.308996939	6.06739824	-4.620114364	0.829040123	-6.157306711	4.0433359	0.3451347	1.2103306	0.2422531	1.6443125
5925000000	1.256637061	-1.256637061	5.346834505	-4.324975774	1.463451546	-5.858477318	3.4251804	0.3694047	1.4007001	0.2595089	1.3471837
5925000000	1.256637061	-1.204277184	4.908826149	-3.499305967	2.240568193	-5.27264226	3.0965822	0.446755	1.675162	0.2968599	1.3952372
5925000000	1.256637061	-1.151917306	4.60339615	-2.42597188	2.765800626	-4.726044469	2.8862877	0.5720089	1.8775005	0.3368182	1.5172334
5925000000	1.256637061	-1.099557429	3.94915459	-1.710463322	2.630480779	-4.390296971	2.4826498	0.6744561	1.8451891	0.3638902	1.7654955
5925000000	1.256637061	-1.047197551	3.151486809	-1.741843977	2.074042301	-4.262671105	2.0660874	0.6696002	1.6121455	0.3747424	0.7211892
5925000000	1.256637061	-0.994837674	3.155784191	-2.475499578	1.435981924	-4.177797762	2.0681328	0.5655227	1.3918685	0.382138	0.4214829
5925000000	1.256637061	-0.94427796	3.76779454	-3.477792766	1.250143888	-3.989513295	2.38111	0.4489735	1.3335656	0.3990696	0.5716371
5925000000	1.256637061	-0.890117919	3.831248033	-4.40670432	1.391891262	-3.811620503	2.4161551	0.362518	1.3778093	0.4157554	0.5806882
5925000000	1.256637061	-0.863778041	3.05496838	-5.324029229	1.301198109	-3.91222123	2.0206767	0.2934925	1.3493351	0.4062355	0.0750666
5925000000	1.256637061	-0.785398163	2.270864674	-5.955804076	0.654063032	-4.458685021	1.6868888	0.2537579	1.1625357	0.3582049	-0.6280979
5925000000	1.256637061	-0.733038286	2.292733693	-5.641430132	-0.403419548	-5.425864193	1.6954046	0.2728079	0.911293	0.2866907	-1.052216
5925000000	1.256637061	-0.680678408	2.258524033	-4.939536082	-1.381263094	-5.683545683	1.6821023	0.3206612	0.7275682	0.2196066	-1.3224706
5925000000	1.256637061	-0.628318531	1.148757443	-5.049775294	-1.991056812	-7.569443919	1.302794	0.3126241	0.632258	0.1750071	-1.2776337
5925000000	1.256637061	-0.575958653	-0.970793278	-6.604408957	-2.486467492	-8.16280927	0.7996882	0.2185542	0.5640963	0.1526578	-3.627614
5925000000	1.256637061	-0.523598776	-2.162636709	-9.649703792	-3.242042813	-8.38917386	0.6077659	0.1884001	0.474019	0.1449047	-4.7654955
5925000000	1.256637061	-0.471238898	-1.220614883	-12.07422615	-4.281358018	-8.288100157	0.7549853	0.0620265	0.3731335	0.1483167	-4.7545395
5925000000	1.256637061	-0.41887902	-0.489838107	-10.75378411	-5.07242071	-8.026293562	0.8933388	0.0840662	0.301492	0.1575327	-4.4775562
5925000000	1.256637061	-0.366519143	-1.187644965	-9.351610384	-5.762129559	-8.084884443	0.7607387	0.1161018	0.2653304	0.1554217	-4.8892164
5925000000	1.256637061	-0.314519265	-3.317166181	-9.702921793	-6.204630722	-8.969075888	0.46589	0.106637	0.2396276	0.1267922	-6.2941901
5925000000	1.256637061	-0.261799388	-5.49659333	-11.85946385	-6.999035812	-10.92169404	0.2820595	0.0651709	0.1995705	0.080878	-8.0432245
5925000000	1.256637061	-0.20943951	-5.82001895	-14.48395103	-8.514925633	-13.57611232	0.2618172	0.0356127	0.1407691	0.0438923	-9.1893067
5925000000	1.256637061	-0.157079633	-5.880899311	-15.48637382	-10.47908836	-15.18844547	0.2581726	0.0282724	0.0895553	0.03028	-9.9323434
5925000000	1.256637061	-0.104719755	-6.4893937	-16.23350794	-11.84375382	-14.22618018	0.2244223	0.023804	0.0654071	0.0377904	-10.562289
5925000000	1.256637061	-0.052359878	-6.668610263	-15.83489276	-11.88073295	-11.55371188	0.2153471	0.0260922	0.0648525	0.0699244	-10.626225
5925000000	1.256637061	-4.44-1.6	-6.963298694	-12.77767617	-11.03294218	-8.622648409	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984778
5925000000	1.256637061	0.052359878	-8.971164177	-9.808339999	-11.36991339	-6.4529573	0.1267312	0.104512	0.0729472	0.2263103	-8.7737407
5925000000	1.256637061	0.104719755	-13.96669208	-7.346780596	-14.78669723	-5.310336757	0.0401172	0.1842137	0.0332147	0.2944193	-8.6014849
5925000000	1.256637061	0.157079633	-22.10719453	-5.374479008	-16.59684558	-5.020261679	0.0061557	0.2901029	0.0218935	0.3147559	-8.8071938
5925000000	1.256637061	0.20943951	-19.80474588	-4.07744776	-11.25828318	-5.154811957	0.0104598	0.3910707	0.0748465	0.3051538	-7.0911387
5925000000	1.256637061	0.261799388	-15.66085695	-3.235889469	-8.506212165	-5.164442271	0.027159	0.4746911	0.1401058	0.304479	-6.2553585
5925000000	1.256637061	0.314519265	-11.81929255	-2.41464048	-7.34105345	-4.755295913	0.0657765	0.5735033	0.1844568	0.3345572	-5.3824124
5925000000	1.256637061	0.366519143	-9.42918976	-1.586270167	-6.2629643	-4.110123404	0.1140463	0.6940216	0.2364315	0.3881393	-4.5929331
5925000000	1.256637061	0.41887902	-8.914228152	-0.982042606	-6.439040085	-3.524621783	0.1284036	0.7976195	0.3436338	0.4441583	-3.6809599
5925000000	1.256637061	0.471238898	-9.492116502	-0.521194231	-3.040155885	-3.078564596	0.1124057	0.8869121	0.4965745	0.4922022	-3.0362297
5925000000	1.256637061	0.523598776	-8.677257652	0.126806802	-2.054873309	-2.61688393	0.1356045	1.0296288	0.6230346	0.5474086	-2.3364729
5925000000	1.256637061	0.575958653	-6.250107808	0.985609993	-1.621689139	-1.933181306	0.2371315	1.254761	0.6883845	0.64074	-1.5165429
5925000000	1.256637061	0.628318531	-4.358661227	1.722577281	-1.043364722	-1.043364722	0.3665506	1.4868177	0.7492784	0.7864363	-1.7734787
5925000000	1.256637061	0.680678408	-3.427732535	2.152302361	-0.539872202	-0.184745233	0.4541787	1.6414597	0.8831059	0.9583529	-0.0688385
5925000000	1.256637061	0.733038286	-3.133645667	2.40430933	0.435976567	0.435976567	0.4859991	1.739526	1.102717	1.105599	-0.4472014
5925000000	1.256637061	0.785398163	-3.137641576	2.627599897	1.189490742	0.756327743	0.4855521	1.8313021	1.3150706	1.1902352	0.8118162
5925000000	1.256637061	0.837578041	-3.233330674	2.648327632	1.455853105	0.807254846	0.4749708	1.8400333	1.3982516	1.2042745	0.8986896
5925000000	1.256637061	0.890117919	-3.101705783	2.177214574	1.326212947	0.65473579	0.4895865	1.6590927	1.3571295	1.1627158	0.663571
5925000000	1.256637061	0.94427796	-2.288954172	1.423550414	1.225339374	0.391488123	0.5903432	1.38789	1.3259961	1.0943313	0.4124792
5925000000	1.256637061	0.994837674	-1.007715626	1.412805471	1.488574409	0.112013071	0.7929183	1.3844604	1.4088263	1.0261275	0.6186061
5925000000	1.256637061	1.047197551	0.012528265	2.451179796	1.927613735	-0.135442368	1.0028889	1.7584012	1.5586958	0.9692494	1.2133661
5925000000	1.256637061	1.099557429	0.414747302	3.443290435	-0.23983094	-0.329367579	1.1002078	2.2096783	1.6189674	0.9269648	1.6256625
5925000000	1.256637061	1.151917306	0.31881476	3.794249475	1.782495793	-0.483103429	1.0761715	2.3956587	1.5074731	0.8947525	1.6687606
5925000000	1.256637061	1.204277184	0.087390051	3.721666116	1.195764124	-0.733995063	1.0203261	2.3595929	1.3169716	0.8445016	1.4127354
5925000000	1.256637061	1.256637061	-0.052076613	3.772240636	0.761501825	-1.300205381	0.9880805	2.3835489	1.191654	0.7412752	1.225892
5925000000	1.256637061	1.308996939	-0.225065563	4.086517911	0.667835122	-2.327581196	0.9494967	2.5624287	1.1662282	0.5851158	1.191956
5925000000	1.256637061	1.361356817	-0.605771694	4.228408284	0.583950523	-3.747364651	0.8698069	2.6475296	1.1439184	0.4219525	1.0407784
5925000000	1.256637061	1.413716694	-1.120703889	3.831669829	0.060102468	-5.059128141	0.7725554	2.4163897	1.0139353	0.3119516	0.525816
5925000000	1.256637061	1.466076572	-1.509415284	2.914085283	-1.0271283	-5.531220221	0.7064127	1.9561787	0.7893819	0.2798195	-0.3014247
5925000000	1.256637061	1.518436449	-1.622818143	1.832498465	-2.313265465	-5.287273531	0.6882056	1.5249298	0.5870478	0.295987	-1.1123518
5925000000	1.256637061	1.570796327	-1.679749542	0.927637655	-3.14034084	-4.968249742	0.6792428	1.2381229	0.484948	0.3185481	-1.6735351
5925000000	1.256637061	1.623156204	-2.074602714	0.004734202	-3.393246655	-4.697119904	0.6202114	1.0010907	0.4577995	0.3390689	-2.1857307
5925000000	1.256637061	1.675516082	-2.957874331	-1.423282876	-3.671049704	-4.272957586	0.5060723	0.7205626	0.4294326	0.3738559	-2.9458034
5925000000	1.256637061	1.72787596	-4.030480535	-3.486941105	-4.462831776	-3.735360039	0.3953229	0.4480288	0.357863	0.4231204	-3.913847
5925000000	1.256637061	1.786235837	-4.708088512	-5.575670381	-5.688688134	-3.451556492	0.3382137	0.2769701	0.2698554	0.451694	-3.7051523
5925000000	1.256637061	1.832595715	-4.779864745	-6.791111723	-6.778245529	-3.689526325	0.3326699	0.2093576	0.2099788	0.4276095	-5.3031938
5925000000	1.256637061	1.884955592	-4.68165663	-7.517315429	-7.359964774	-4.255799464	0.3402784	0.1771203	0.1836553	0.3736359	-5.7090938
5925000000	1.256637061	1.93731547	-4.869432044	-8.202544738	-7.75546563	-4.627699497	0.3258793	0.1512675	0.1676661	0.3445324	-6.067121
5925000000	1.256637061	1.989675347	-5.323606325	-7.512593091	-8.385179098	-4.783475397	0.2935211	0.177313	0.1450381	0.3323935	-6.2512994
5925000000	1.256637061	2.042035225	-5.629910092	-5.551693355	-9.443673047	-5.258601755	0.2735325	0.2785035	0.1136666	0.2979476	-6.181406
5925000000	1.256637061	2.094395102	-5.65								

5925000000	1.308996939	-1.832595715	-3.326275615	-4.608093307	-7.903554073	-7.473294685	0.4649138	0.3460913	0.1620483	0.1789248	-5.4061572
5925000000	1.308996939	-1.780235837	-1.748231761	-4.160923076	-6.881254752	-6.635478075	0.6686161	0.3836257	0.205057	0.2169962	-4.334756
5925000000	1.308996939	-1.72787596	0.214011486	-3.749637087	-5.118278862	-5.875615308	1.0505123	0.4217317	0.3077316	0.2584869	-2.9275726
5925000000	1.308996939	-1.675516082	1.81623177	-3.573106897	-3.764981641	-5.389500714	1.5192288	0.4392273	0.4202443	0.2891012	-1.7596404
5925000000	1.308996939	-1.623156204	2.786559942	-3.677961554	-2.992374904	-5.114091229	1.899573	0.4287497	0.502068	0.3080285	-1.0539094
5925000000	1.308996939	-1.570796327	3.419742462	-3.866837987	-4.341383644	-5.016898768	2.1977295	0.4105029	0.5832593	0.3149997	-0.5718722
5925000000	1.308996939	-1.518436449	4.139322735	-3.815071175	-1.442421227	-5.161311537	2.5937748	0.4154252	0.7173942	0.3046975	-0.0338426
5925000000	1.308996939	-1.466076572	4.967499247	-3.416028745	-0.474927276	-5.608419708	3.1387008	0.4554043	0.8964112	0.2748894	0.7603989
5925000000	1.308996939	-1.413716694	5.537336776	-2.936614453	0.177765581	-6.229550223	3.5787691	0.5085557	1.0417813	0.2382566	1.2770096
5925000000	1.308996939	-1.361356817	5.533723715	-2.99006373	-0.785633887	-6.066664257	3.575793	0.5382619	1.115741	0.2184027	1.3419597
5925000000	1.308996939	-1.308996939	4.984875396	-2.695104708	0.786581032	-6.424211637	3.151284	0.5376375	1.1985554	0.2278132	1.0681027
5925000000	1.308996939	-1.256637061	4.380533039	-2.644770022	1.448990636	-5.919638397	2.7419107	0.5439049	1.3960439	0.2558799	0.9146817
5925000000	1.308996939	-1.204277184	4.231779902	-2.25840312	2.2985723	-5.49832511	2.6495853	0.5945107	1.6976855	0.281947	1.1592061
5925000000	1.308996939	-1.151917306	4.239829956	-1.690882103	2.875278744	-5.315429803	2.6545016	0.6775039	1.9387771	0.2940743	1.4339401
5925000000	1.308996939	-1.095557429	3.827041326	-1.388876725	2.870701855	-5.273439444	2.4138158	0.7262938	1.9367349	0.2969379	1.2822009
5925000000	1.308996939	-1.047197551	3.106407109	-1.689863447	2.332023115	-5.150001784	2.0447523	0.6776628	1.7108121	0.305492	0.7360099
5925000000	1.308996939	-0.994837674	2.876484325	-2.581066106	1.703243523	-4.782766928	1.9393153	0.5519419	1.4802135	0.3324477	0.3180404
5925000000	1.308996939	-0.942477796	3.192846618	-3.655675295	1.49290762	-4.238927727	2.0858576	0.4309555	1.4102326	0.3767968	0.3179629
5925000000	1.308996939	-0.890117919	3.158050124	-4.532963236	1.610761578	-3.783555677	2.0692121	0.3521305	1.4490259	0.4184508	0.3027777
5925000000	1.308996939	-0.837758041	2.500177593	-5.249341336	1.51256802	-3.670727901	1.7783521	0.2985835	1.4166312	0.4294644	-0.0843822
5925000000	1.308996939	-0.785398163	1.964862828	-5.621421869	0.86820801	-4.014798219	1.5721221	0.2740677	1.2212956	0.396753	-0.6245222
5925000000	1.308996939	-0.733038286	2.103934891	-5.246656402	-0.185219268	-4.78652959	1.6232802	0.2987682	0.9582483	0.3321598	-0.9522274
5925000000	1.308996939	-0.680678408	2.087849711	-4.678665111	-0.74752938	-5.841678232	1.6172791	0.3405128	0.7630003	0.2605147	-1.2765331
5925000000	1.308996939	-0.628318531	1.138864478	-4.887876579	-1.83722952	-7.001044913	1.2998297	0.3244982	0.6550539	0.1994782	-2.0780798
5925000000	1.308996939	-0.575958653	-0.482513697	-6.40817617	-2.425465186	-8.185914945	0.8948467	0.2286559	0.5720757	0.1518478	-0.3549293
5925000000	1.308996939	-0.523598776	-1.250736966	-9.203846932	-3.293328617	-9.30402538	0.749767	0.12012	0.4684542	0.1173809	-4.3898152
5925000000	1.308996939	-0.471238898	-0.654410012	-11.21224245	-4.452833118	-9.888421265	0.8601199	0.0756442	0.3586879	0.296025	-5.684665
5925000000	1.308996939	-0.41887902	-0.314819875	-10.00655514	-5.475213656	-9.67541237	0.9300751	0.0998492	0.2834514	0.1077603	-4.4942436
5925000000	1.308996939	-0.366519143	-1.174698867	-8.771626843	-6.076549035	-9.485397404	0.7630098	0.1326897	0.2468	0.1125797	-5.0338885
5925000000	1.308996939	-0.314159265	-3.242111453	-9.168928708	-6.548024065	-10.25035574	0.4740115	0.1210897	0.2214102	0.0943968	-6.4258467
5925000000	1.308996939	-0.261799388	-5.288701585	-11.25904195	-7.33843932	-12.33843932	0.2958897	0.0748335	0.1841247	0.0533655	-8.1444839
5925000000	1.308996939	-0.20943951	-5.77996971	-14.03818617	-8.807011373	-15.08093455	0.2642427	0.0394622	0.131613	0.010389	-9.3334162
5925000000	1.308996939	-0.157079633	-5.983855382	-15.42931462	-10.64351682	-15.78795864	0.2521242	0.0286463	0.086228	0.0263757	-10.72542
5925000000	1.308996939	-0.104719755	-6.543774063	-16.08198164	-11.8909083	-14.0723343	0.221627	0.0246491	0.0647007	0.0391531	-10.578307
5925000000	1.308996939	-0.052359878	-6.662699751	-15.57320922	-11.8703749	-11.45042786	0.2156403	0.0277127	0.0650074	0.0716203	-10.223133
5925000000	1.308996939	-4.44-16	-6.963298728	-12.777767662	-11.03294085	-8.622648765	0.2012195	0.0527512	0.0788326	0.1373004	-9.2984779
5925000000	1.308996939	0.052359878	-8.920085696	-9.918121646	-11.48625797	-6.44477214	0.1282305	0.1019032	0.0710189	0.2267372	-8.7951666
5925000000	1.308996939	0.104719755	-13.65744067	-7.507095604	-15.28967778	-5.258607462	0.043078	0.1775376	0.0295823	0.2979472	-8.6316441
5925000000	1.308996939	0.157079633	-12.09938447	-5.535526884	-16.67455933	-4.936506286	0.0077636	0.2795422	0.0215052	0.320885	-8.0292911
5925000000	1.308996939	0.20943951	-19.69323077	-4.167363671	-8.01600195	-5.071925349	0.0107319	0.3830334	0.0828705	0.3110337	-7.0571597
5925000000	1.308996939	0.261799388	-15.50982373	-3.294508884	-8.047513803	-5.114760525	0.0281201	0.4683269	0.1567468	0.307981	-6.1924944
5925000000	1.308996939	0.314159265	-11.65704149	-2.622475654	-6.905638424	-4.757980871	0.0682804	0.5467042	0.2039089	0.3343505	-5.4401388
5925000000	1.308996939	0.366519143	-9.311819212	-2.016349437	-5.90280215	-4.181710951	0.1171704	0.6285865	0.2568738	0.3817938	-4.6079069
5925000000	1.308996939	0.41887902	-8.883113349	-1.435852052	-4.418432901	-3.664549899	0.1293268	0.7184802	0.3615403	0.3617583	-3.8736893
5925000000	1.308996939	0.471238898	-9.631182731	-0.742390066	-2.955833447	-3.234889878	0.1088634	0.8428708	0.5063102	0.4748003	-3.1586305
5925000000	1.308996939	0.523598776	-8.900615078	0.099549979	-2.082769526	-2.700922773	0.1288067	1.023187	0.6190462	0.5369177	-2.3883221
5925000000	1.308996939	0.575958653	-6.382053699	0.906354938	-1.765911082	-1.906094383	0.2300354	1.2320703	0.6658998	0.6447488	-1.591486
5925000000	1.308996939	0.628318531	-4.39181565	1.553951304	-1.528960632	-0.955834977	0.3637629	1.4301946	0.7032406	0.8024473	-0.8359272
5925000000	1.308996939	0.680678408	-3.333013763	2.11150845	-0.919683334	-0.111044751	0.464193	1.6261135	0.8091549	0.9747551	-0.138761
5925000000	1.308996939	0.733038286	-2.896047819	2.634556295	0.011668911	0.441435446	0.5133283	1.8342378	1.0026095	1.1069896	-0.4700663
5925000000	1.308996939	0.785398163	-2.850982231	2.956379708	0.793377702	0.652560639	0.5186827	1.9753223	1.2004326	1.1621337	-0.8426978
5925000000	1.308996939	0.837758041	-3.077092227	2.780633116	1.082431549	0.560184502	0.4923691	1.8969824	1.2830487	1.1376756	-0.8009194
5925000000	1.308996939	0.890117919	-3.19377621	1.944923789	0.964777143	0.239259138	0.4793165	1.5649209	1.2487564	1.0566372	-0.3639242
5925000000	1.308996939	0.942477796	-2.55801269	0.845529786	0.881800926	-0.1982939	0.5548796	1.2149348	1.2251241	0.9553678	-0.0542922
5925000000	1.308996939	0.994837674	-1.316303596	0.798557896	0.614365846	-0.614365846	0.7385325	1.2018653	1.3149988	0.9680873	-0.1320442
5925000000	1.308996939	1.047197551	-0.269316582	2.116272832	1.689155892	-0.921679761	0.9398712	1.6278984	1.4754197	0.808783	-0.8385832
5925000000	1.308996939	1.099557429	0.219928973	3.410754453	1.916685723	-1.123282591	1.0519447	2.1931859	1.5547787	0.7720968	-1.4395159
5925000000	1.308996939	1.151917306	0.302507556	3.984763209	1.667485726	-1.310585545	1.0721382	2.5030892	1.4680761	0.7395056	-1.6007886
5925000000	1.308996939	1.204277184	0.310366715	3.929310445	1.129389197	-1.686631108	1.0740801	2.4713317	1.2969968	0.781674	-1.3962441
5925000000	1.308996939	1.256637061	0.354892476	3.651178239	0.710613121	-2.465759889	1.0851487	2.3180234	1.1777722	0.5667924	-1.0955634
5925000000	1.308996939	1.308996939	0.24721074	3.462334822	0.600019862	-3.636722753	1.0585736	2.2193983	1.1481541	0.4328403	-0.8448831
5925000000	1.308996939	1.361356817	-0.159495426	3.234706655	0.504399255	-4.714422673	0.963941	1.2160596	1.1231556	0.3377207	-0.5122673
5925000000	1.308996939	1.413716694	-0.755605902	2.622749499	0.004736748	-4.959807939	0.8403098	1.8292579	1.0010913	0.3191679	-0.0110594
5925000000	1.308996939	1.466076572	-1.256097593	1.496040679	-1.024018763	-4.467451541	0.7488421	1.4112504	0.7899473	0.3574825	-0.8255721
5925000000	1.308996939	1.518436449	-1.495744819	0.145085257	-2.268910827	-3.933761996	0.7086398	1.0309714	0.593074	0.4404226	-1.6432357
5925000000	1.308996939	1.570796327	-1.688907328	-0.925761464	-3.155645723	-3.557852504	0.677812	1.0839232	0.4835413	0.4042758	-2.2001605
5925000000	1.308996939	1.623156204	-2.235199528	-1.751088836	-3.51341942	-3.119306103	0.5976956	0.6681764	0.445334	0.4876064	-2.5987183
5925000000	1.308996939	1.6									

5925000000	1.361356817	-2.251474735	-7.747211976	-4.829006351	-11.11631098	-8.976731919	0.1679882	0.3289269	0.0773337	0.1265688	-7.5645496
5925000000	1.361356817	-2.199114858	-5.738883579	-5.689343183	-10.34686443	-8.584624771	0.2667544	0.2698147	0.0923238	0.138528	-7.1702635
5925000000	1.361356817	-2.14675498	-5.165871964	-6.510744059	-11.01764858	-8.045779403	0.3043777	0.223319	0.0791107	0.1568274	-7.1917403
5925000000	1.361356817	-2.094395102	-5.82309654	-6.168706326	-12.69159953	-7.284873819	0.2616317	0.246168	0.0538072	0.1868584	-7.3053651
5925000000	1.361356817	-2.042035225	-6.786323853	-5.142488485	-12.59991065	-6.640678509	0.2095886	0.3620209	0.0549551	0.1627365	-7.0579107
5925000000	1.361356817	-1.989675347	-6.334521765	-4.622585368	-10.23360293	-6.329929324	0.2325669	0.3449833	0.0947632	0.2328129	-6.453724
5925000000	1.361356817	-1.93731547	-5.065290034	-4.804605096	-8.472733568	-6.306859012	0.3115093	0.3307802	0.1421434	0.2340529	-5.9410502
5925000000	1.361356817	-1.884955592	-4.353653165	-5.055367023	-7.894698463	-6.274631702	0.3669735	0.3122219	0.1623791	0.2357962	-5.6969485
5925000000	1.361356817	-1.832595715	-4.009315269	-6.40486985	-7.775444298	-5.921995925	0.3972542	0.3435194	0.1668997	0.2557471	-5.3632558
5925000000	1.361356817	-1.780235837	-3.016247724	-3.710788372	-6.812999499	-5.375237929	0.4993157	0.4255212	0.2083052	0.2905522	-4.4879581
5925000000	1.361356817	-1.72787596	-1.294824564	-2.91029691	-5.168913629	-4.947083569	0.7421942	0.5116469	0.3041646	0.3201044	-3.2833896
5925000000	1.361356817	-1.675516082	0.189794256	-2.560584303	-3.912382059	-4.698057074	1.0446707	0.5545511	0.4062205	0.3389958	-2.3202123
5925000000	1.361356817	-1.623156204	1.027164241	-2.553693402	-3.184717358	-4.572830104	1.2668244	0.5554317	0.4803173	0.3489129	-1.785706
5925000000	1.361356817	-1.570796327	1.548725787	-2.546166777	-2.506306106	-4.609383126	1.4284748	0.5563951	0.5615254	0.3459885	-1.4080407
5925000000	1.361356817	-1.518436449	2.275522598	-2.265508289	-1.540742338	-4.857353446	1.6868991	0.5935389	0.7013354	0.3267869	-0.8218473
5925000000	1.361356817	-1.466076572	3.19382916	-1.740792937	-1.58696955	-5.216182897	2.0863296	0.6697623	0.883345	0.300872	-0.0652973
5925000000	1.361356817	-1.413716694	3.841114703	-1.260993871	0.093004692	-5.376221427	2.4216505	0.7479983	1.0216461	0.2899866	0.4934223
5925000000	1.361356817	-1.361356817	3.928012339	-1.087547196	0.335995434	-5.0654191	2.4705932	0.7784761	1.0804372	0.3115005	0.6455223
5925000000	1.361356817	-1.308996939	3.631817117	-1.220376899	0.605061717	-4.438512866	2.3077125	0.7550267	1.1494926	0.3598725	0.5805614
5925000000	1.361356817	-1.256637061	3.569765784	-1.392413006	1.281280396	-3.870357039	2.2749747	0.7257026	1.3431609	0.4017104	0.7499998
5925000000	1.361356817	-1.204277184	4.012710354	-1.323889946	2.190429062	-3.589814397	2.5192487	0.7372436	1.6559336	0.4375408	1.2629108
5925000000	1.361356817	-1.151917306	4.367334638	-1.084577804	2.838163744	-3.645514223	2.7335905	0.7790085	1.9222788	0.431965	1.6634447
5925000000	1.361356817	-1.099557429	4.093939715	-1.051976334	2.896927792	-3.926403348	2.5668115	0.7848784	1.9484658	0.4049111	1.5420073
5925000000	1.361356817	-1.047197551	3.320029786	-1.537225902	2.404244895	-4.184725749	2.1478452	0.7019035	1.7395002	0.3815289	0.9364346
5925000000	1.361356817	-0.994837674	2.794813725	-2.520207761	1.792974686	-4.194607854	1.9031866	0.5597308	1.5111148	0.3036687	0.3689765
5925000000	1.361356817	-0.942477796	2.852009044	-3.570531681	1.575069177	-3.952484141	1.9284168	0.4394878	1.4371659	0.402453	0.2196657
5925000000	1.361356817	-0.890117919	2.842010003	-4.25534897	1.688968952	-3.668974137	1.9239892	0.3753748	1.4753562	0.4296379	0.2163869
5925000000	1.361356817	-0.837758041	2.436829097	-4.640063293	1.60523868	-3.576163872	1.7526004	0.3435529	1.4471844	0.4389182	-0.0193082
5925000000	1.361356817	-0.785398163	2.113385241	-4.753180249	0.990023259	-3.796253979	1.6268163	0.3347202	1.2560367	0.4172291	-0.4157919
5925000000	1.361356817	-0.733038286	2.197758669	-4.456376519	-0.026029756	-4.331043253	1.6587306	0.3583953	0.9940244	0.368889	-0.7133824
5925000000	1.361356817	-0.680678408	2.126153719	-4.165260168	-0.986389729	-5.123400666	1.6316063	0.3832428	0.7968215	0.3073689	-1.0803912
5925000000	1.361356817	-0.628318531	1.386291977	-4.585473475	-1.654197265	-6.1700256	1.3760341	0.3478986	0.6832509	0.2415447	-1.7902258
5925000000	1.361356817	-0.575958653	0.238469884	-6.155720859	-2.289215101	-7.615136958	1.0564452	0.2423416	0.5903078	0.2731754	-2.771447
5925000000	1.361356817	-0.523598776	-0.381010718	-8.763960556	-3.238958486	-9.563598762	0.9160073	0.1329242	0.4743557	0.1105707	-3.8884571
5925000000	1.361356817	-0.471238898	-0.240973513	-10.43136315	-4.51383475	-11.3216953	0.9460251	0.0905448	0.3536849	0.0737616	-4.3651404
5925000000	1.361356817	-0.41887902	-0.294844987	-9.334395244	-5.648573071	-11.4571836	0.9343627	0.1165629	0.2723596	0.071496	-4.5755389
5925000000	1.361356817	-0.366519143	-1.273898787	-8.265487405	-6.31114131	-10.90521839	0.745779	0.1490909	0.2338237	0.081185	-5.1931803
5925000000	1.361356817	-0.314159265	-3.21590738	-8.712579896	-6.82222237	-11.44342024	0.4768802	0.1345061	0.2075763	0.0717229	-6.5233861
5925000000	1.361356817	-0.261799388	-5.102495477	-10.78867833	-7.662488347	-13.66373002	0.308852	0.083395	0.1712976	0.0430157	-9.1918712
5925000000	1.361356817	-0.20943951	-5.753187632	-13.68486595	-9.648736547	-16.53215888	0.2658773	0.0428069	0.12346	0.022222	-9.4465396
5925000000	1.361356817	-0.157079633	-6.092635195	-15.34902417	-10.80273944	-16.18158101	0.2458875	0.0291808	0.0831239	0.0240903	-10.196755
5925000000	1.361356817	-0.104719755	-6.593450838	-15.8749215	-11.93705437	-13.8691731	0.2191063	0.0258528	0.0640169	0.0410282	-10.5977861
5925000000	1.361356817	-0.052359878	-6.655133287	-15.29910387	-11.85868427	-11.33800677	0.2160164	0.0295182	0.0651826	0.0734851	-10.175001
5925000000	1.361356817	-4.44E-16	-6.963298967	-12.77767629	-11.03294133	-8.622648728	0.2012195	0.0527512	0.0788326	0.1373204	-9.298478
5925000000	1.361356817	0.052359878	-8.860806501	-10.03027429	-11.60148569	-6.441077337	0.1299928	0.0993053	0.0691537	0.2269302	-8.6158477
5925000000	1.361356817	0.104719755	-13.30707304	-7.675891201	-15.79348054	-5.213486808	0.0466974	0.1707697	0.0263422	0.3010588	-8.8576686
5925000000	1.361356817	0.157079633	-19.81794993	-5.724392137	-16.61344585	-4.862282548	0.0104281	0.267646	0.02181	0.3264162	-8.0527735
5925000000	1.361356817	0.20943951	-19.0628881	-4.295571419	-10.37851873	-5.001604668	0.0124083	0.3719143	0.0916533	0.3161109	-7.0328771
5925000000	1.361356817	0.261799388	-15.15343411	-3.368560689	-7.613889085	-5.073234329	0.0305251	0.4604091	0.1732252	0.3110051	-6.129821
5925000000	1.361356817	0.314519265	-11.45936879	-2.804592057	-6.500394137	-4.741569115	0.07146	0.5242528	0.2238518	0.3356163	-5.3940996
5925000000	1.361356817	0.366519143	-9.205630005	-2.440270202	-5.582662637	-4.192368683	0.1200707	0.5701288	0.2765246	0.380858	-7.5250476
5925000000	1.361356817	0.41887902	-8.82951218	-1.955245909	-4.253879971	-3.712959	0.1309329	0.637493	0.3755018	0.4253085	-6.0337167
5925000000	1.361356817	0.471238898	-9.672551953	-1.056452596	-2.943324266	-3.311821466	0.1078313	0.7840698	0.5077685	0.4646367	-3.3111732
5925000000	1.361356817	0.523598776	-9.10180565	0.007537896	-2.191400937	-2.774818862	0.1229757	1.0017372	0.6037538	0.5278592	-2.4865815
5925000000	1.361356817	0.575958653	-6.621741021	0.800198035	-1.992818883	-1.964529946	0.2176837	1.2023193	0.6320015	0.6361317	-1.7260874
5925000000	1.361356817	0.628318531	-4.587796952	1.322013035	-1.882054972	-1.02146938	0.3477125	1.3558177	0.6483276	0.7904112	-1.0481664
5925000000	1.361356817	0.680678408	-3.43683857	1.94292898	-1.35959271	-0.213410049	0.4532274	1.5642022	0.7312077	0.9520483	-0.337778
5925000000	1.361356817	0.733038286	-2.890710641	2.751735914	-0.430136983	0.277303921	0.5135955	1.8844022	0.905704	1.0659342	0.3842144
5925000000	1.361356817	0.785398163	-2.800176171	3.311760812	0.402980484	0.401959358	0.5247862	1.7437596	1.0972309	1.069673	0.8482193
5925000000	1.361356817	0.837758041	-3.109494805	3.180718692	0.750151983	0.210975628	0.4887092	2.0800409	1.1885438	1.0497782	0.7982065
5925000000	1.361356817	0.890117919	-3.416089322	2.229645305	0.680554875	-0.174417894	0.4553979	1.6709541	1.1708614	0.9606346	0.2713017
5925000000	1.361356817	0.942477796	-2.945461702	0.919850526	0.675050429	-0.550940139	0.5075208	1.2359049	1.1633357	0.8808582	-0.2369365
5925000000	1.361356817	0.994837674	-1.780275334	0.700415533	1.020299523	-0.669927284	0.663701	1.17501	1.2648236	0.8570522	-0.0430064
5925000000	1.361356817	1.047197551	-0.777216535	2.066393404	1.566700187	-0.441861335	0.8361387	1.6093086	1.4343991	0.9023663	0.7765027
5925000000	1.361356817	1.099557429	-0.300483174	3.563865294	1.836579616	-0.049538998	0.9331505	2.271886	1.5260472	0.986558	1.5531661
5925000000	1.361356817	1.151917306	-0.158191518	4.403753567	1.629811451	0.229358071	0.9642305	2.7566102	1.4553959	1.054231	1.9246065
5925000000	1.361356817	1.204277184	-0.028991758	4.571001105	1.127424682	0.188164841	0.9933466	2.8648383	1.2964103	1.0442789	1.9052928
5925000000	1.361356817	1.2									

5925000000	1.413716694	-2.670353756	-25.15239486	-6.356196584	-14.2018862	-12.8795068	0.0030532	0.2314091	0.0380024	0.0515287	-10.915238
5925000000	1.413716694	-2.617993878	-16.50838729	-6.475359295	-13.49544761	-12.64142595	0.022344	0.2251459	0.0447152	0.0544324	-10.621844
5925000000	1.413716694	-2.565634	-10.07976616	-6.884825394	-12.78858952	-12.34157292	0.0981801	0.2048884	0.0526188	0.0583234	-9.8504841
5925000000	1.413716694	-2.513274123	-8.214404738	-6.758073068	-12.98535546	-12.07370912	0.1508549	0.2109564	0.050288	0.0602039	-9.2615959
5925000000	1.413716694	-2.460914245	-9.138373253	-5.847481811	-14.17748211	-11.60997056	0.1219446	0.2601668	0.0382166	0.0602044	-9.1243825
5925000000	1.413716694	-2.408554368	-12.57261627	-4.934921346	-15.44104626	-10.60162343	0.0553017	0.3210021	0.028569	0.0870638	-9.1015085
5925000000	1.413716694	-2.35619449	-15.12748016	-4.378190677	-18.83322962	-9.143803863	0.030708	0.3649059	0.0324846	0.1217922	-8.6178356
5925000000	1.413716694	-2.303834613	-10.84376281	-4.029493866	-12.75783034	-7.802128209	0.0823424	0.3954127	0.0529928	0.1658774	-7.5906073
5925000000	1.413716694	-2.251474735	-7.171282603	-3.993761299	-10.84503708	-6.967807428	0.1918102	0.3986795	0.0823183	0.2010107	-6.6063865
5925000000	1.413716694	-2.199114858	-5.277644428	-4.529495873	-10.0148379	-6.529999504	0.296644	0.3524118	0.0996589	0.222331	-6.1482032
5925000000	1.413716694	-2.14675498	-4.796824805	-5.278389385	-10.62790241	-6.044092091	0.3313733	0.2965931	0.0865386	0.2486513	-6.1836321
5925000000	1.413716694	-2.094395102	-5.261580796	-5.092664364	-12.40444985	-5.371110329	0.2977432	0.309552	0.0574851	0.290328	-6.2200737
5925000000	1.413716694	-2.042035225	-5.573197751	-4.025572007	-12.70757413	-4.834381586	0.2771279	0.3957699	0.0536096	0.32852	-5.7879624
5925000000	1.413716694	-1.989675347	-4.747983278	-3.384998766	-10.40045068	-4.653201778	0.335121	0.4586698	0.0911916	0.3425152	-5.1303934
5925000000	1.413716694	-1.93731547	-3.733367549	-3.681095176	-8.533116821	-4.733432929	0.4233146	0.4284405	0.1401807	0.3362457	-4.7880257
5925000000	1.413716694	-1.884955592	-3.508342929	-4.438609606	-7.864130592	-4.782191635	0.4458263	0.3598645	0.163526	0.3324917	-4.8754621
5925000000	1.413716694	-1.832595715	-3.903920016	-4.520616294	-7.70468454	-4.578751532	0.4070127	0.3531331	0.1696413	0.3484375	-4.9545284
5925000000	1.413716694	-1.782035837	-3.843301296	-3.60164898	-6.813961229	-4.266451844	0.4127336	0.4363501	0.208259	0.3744164	-4.4619002
5925000000	1.413716694	-1.72787596	-2.79964093	-2.611949026	-5.300768592	-4.114968444	0.5272342	0.548031	0.2950687	0.3877066	-3.5703113
5925000000	1.413716694	-1.675516082	-1.662887126	-2.151567215	-4.150405753	-4.156141086	0.6818852	0.690917	0.3845559	0.3840483	-2.8823359
5925000000	1.413716694	-1.623156204	-1.10570521	-2.124238728	-3.473682521	-4.280565893	0.7752281	0.6131633	0.4493986	0.3732015	-2.5747292
5925000000	1.413716694	-1.50796327	-0.721619989	-2.08912997	-2.768248677	-4.445097792	0.8469114	0.6181402	0.5286584	0.3593723	-2.3043117
5925000000	1.413716694	-1.518436449	0.20209076	-1.734650003	-1.733241229	-4.582299769	1.0476328	0.6707103	0.6709279	0.3481529	-1.6471793
5925000000	1.413716694	-1.466076572	1.501577538	-1.136110084	-0.693318246	-4.487883454	1.4130507	0.7698196	0.8524485	0.3558047	-0.7171637
5925000000	1.413716694	-1.413716694	2.496040272	-0.615517869	-0.179646761	-4.017872725	1.7766588	0.8678571	0.9818278	0.3964722	-0.0247617
5925000000	1.413716694	-1.361356817	2.96011545	-0.44360179	0.107749753	-3.315042182	1.9770222	0.9029003	1.0251206	0.4661179	0.3853682
5925000000	1.413716694	-1.308996939	3.213015307	-0.63028534	0.327167222	-2.660544842	2.0955669	0.8649111	1.0782341	0.5419329	0.887675
5925000000	1.413716694	-1.256637061	3.739824712	-0.91907958	1.003089524	-2.224760552	2.3658242	0.8092674	1.2598213	0.599134	0.9985726
5925000000	1.413716694	-1.204277184	4.46868981	-0.999364065	1.954253413	-2.057509608	2.798137	0.7944446	1.5682863	0.6226572	1.6013263
5925000000	1.413716694	-1.151917306	4.826386373	-0.875748558	2.654460131	-2.168450586	3.0383559	0.8173821	1.8426634	0.6069528	1.976495
5925000000	1.413716694	-1.099557429	4.439711501	-0.908617548	2.758945209	-2.510141978	2.7795286	0.8112192	1.8875329	0.5610296	1.9746521
5925000000	1.413716694	-1.047197551	3.466723987	-1.418872313	2.98454754	-2.938260606	2.2216334	0.7212947	1.6976395	0.508363	1.0965705
5925000000	1.413716694	-0.994837674	2.699446093	-2.370472649	1.699936313	-3.27750652	1.8618497	0.5793656	1.4790687	0.470164	0.4045062
5925000000	1.413716694	-0.942477796	2.712241368	-3.282578564	1.481286175	-3.444017511	1.8673432	0.4696152	1.406464	0.4524788	0.2076526
5925000000	1.413716694	-0.890117919	2.916831475	-3.692254875	1.604887213	-3.497917583	1.9574161	0.427341	1.4470673	0.4468978	0.2925409
5925000000	1.413716694	-0.837758041	2.786302622	-3.760098862	1.552160616	-3.57701195	1.8994605	0.4207171	1.429605	0.388325	0.2001046
5925000000	1.413716694	-0.785398163	2.511298419	-3.726407526	0.98583035	-3.779886372	1.7829117	0.4239935	1.2548246	0.4188045	-0.1316845
5925000000	1.413716694	-0.733038286	2.396745289	-3.596879243	0.032194555	-4.127386149	1.736499	0.4368296	1.0074406	0.3865996	-0.4971198
5925000000	1.413716694	-0.680678408	2.256226016	-3.621806505	-0.86500719	-4.634624904	1.6812125	0.4343295	0.8194603	0.3439834	-0.8632762
5925000000	1.413716694	-0.628318531	1.763350768	-4.288280719	-1.489789555	-5.433480459	1.5008424	0.3725392	0.7096122	0.2861884	-1.0413018
5925000000	1.413716694	-0.575958653	0.97903817	-5.946758378	-2.113419027	-6.826311645	1.2528637	0.254287	0.6146289	0.2076676	-2.3479521
5925000000	1.413716694	-0.523598776	0.317156481	-8.407618729	-3.094431723	-9.147137759	1.0757606	0.1424906	0.4904059	0.1216978	-3.3909737
5925000000	1.413716694	-0.471238898	-0.023589384	-9.790945656	-4.459084198	-12.06892638	0.9945831	0.1049314	0.358172	0.061023	-4.2027679
5925000000	1.413716694	-0.41887902	-0.041932796	-8.783090492	-5.721356609	-13.09681932	0.9032474	0.1323399	0.2683888	0.0490138	-4.7076541
5925000000	1.413716694	-0.366519143	-1.472300269	-7.865891657	-6.451408075	-12.1768301	0.7124756	0.1634598	0.226391	0.0605783	-5.365159
5925000000	1.413716694	-0.314159265	-3.220410129	-8.371892632	-7.029481238	-12.36411789	0.476386	0.1454825	0.1981764	0.0580214	-6.585327
5925000000	1.413716694	-0.261799388	-4.94051444	-10.45085006	-7.924161783	-14.59664084	0.320589	0.0901395	0.1612812	0.0347005	-8.1907872
5925000000	1.413716694	-0.20943951	-5.74614023	-13.42015274	-9.337935171	-17.51941751	0.2663091	0.0454972	0.116468	0.0177035	-9.5274688
5925000000	1.413716694	-0.157079633	-6.205670076	-15.23505324	-10.95338796	-16.26722401	0.2395703	0.0299567	0.08029	0.0236199	-10.2948428
5925000000	1.413716694	-0.104719755	-6.635938442	-15.60979278	-11.98170197	-13.6196915	0.2169732	0.0274803	0.0633621	0.0434541	-10.564193
5925000000	1.413716694	-0.052359876	-6.645816897	-15.01478099	-11.84544126	-11.21762653	0.2164803	0.0315153	0.0653816	0.0575505	-10.121911
5925000000	1.413716694	-4.44616	-6.963298937	-12.77767621	-11.03294117	-8.622648683	0.2012195	0.0527512	0.0788326	0.1733204	-9.298478
5925000000	1.413716694	0.052359878	-8.794116389	-11.74571911	-11.71571015	-6.442116657	0.1320044	0.0967304	0.0673642	0.2268759	-8.8357923
5925000000	1.413716694	0.104719755	-12.92532062	-7.851181823	-16.28874722	-5.175583352	0.050988	0.1640143	0.0235031	0.3036978	-6.8789787
5925000000	1.413716694	0.157079633	-18.45319463	-5.94055794	-16.43686672	-4.798263468	0.0142784	0.2546503	0.022715	0.3312636	-8.0763566
5925000000	1.413716694	0.20943951	-18.02448537	-4.464909093	-9.959947246	-4.94475135	0.0157598	0.3576919	0.1009265	0.3202763	-7.018816
5925000000	1.413716694	0.261799388	-14.59143812	-3.461210487	-7.211466992	-5.042928096	0.0347421	0.0436591	0.1900437	0.1304317	-6.0704192
5925000000	1.413716694	0.314159265	-11.20514167	-2.942236907	-6.128860974	-4.787771279	0.075768	0.5078978	0.243845	0.3366068	-5.3660314
5925000000	1.413716694	0.366519143	-9.091267068	-2.798502118	-5.761854943	-4.19347096	0.1232745	0.5249885	0.2950105	0.3807614	-4.8016056
5925000000	1.413716694	0.41887902	-8.742081136	-2.497709885	-4.336834984	-3.749461634	0.1335955	0.5626379	0.3857594	0.4217488	-4.2488677
5925000000	1.413716694	0.471238898	-9.610896561	-1.476775219	-2.985901172	-3.396011172	0.1093731	0.7171418	0.5028169	0.4575082	-3.512888
5925000000	1.413716694	0.523598776	-9.263898751	-0.184982433	-2.353790331	-2.889812272	0.1184705	0.9583006	0.581595	0.5140659	-2.6511373
5925000000	1.413716694	0.575958653	-6.950784441	0.656528495	-2.259812855	-2.088716745	0.2018002	1.1631959	0.5943178	0.618199	-1.9085915
5925000000	1.413716694	0.628318531	-4.926035255	1.050860085	-2.24689571	-1.154306778	0.3216596	1.2737553	0.5960881	0.7666009	-1.30104657
5925000000	1.413716694	0.680678408	-3.722381057	1.623953178	-1.766565753	-0.366881662	0.4243868	1.453434	0.6657994	0.9190345	-0.6265079
5925000000	1.413716694	0.733038286	-3.11207953	2.628847871	-0.790547348	0.089935304	0.4884184	1.8318284	0.833576	1.020943	-0.1857018
5925000000	1.413716694	0.785398163	-2.994532354	3.445956529	0.13019552	0.169719088	0.5018186	2.2110352	1.0304325	1.0398529	-0.7765303
5925000000	1.413716694	0.837758041	-3.347								

5925000000	1.466076572	-3.089232776	-23.24362029	-15.73375941	-26.33546197	-15.77471033	0.0047385	0.0267069	0.0023252	0.0264563	-18.222698
5925000000	1.466076572	-3.036872899	-19.12620388	-12.29424874	-22.55344082	-12.83447279	0.0122287	0.0589624	0.0055546	0.0520658	-14.921053
5925000000	1.466076572	-2.984513021	-15.17995763	-9.512266719	-18.92575532	-10.88613739	0.0303392	0.1118854	0.0128063	0.0815429	-12.80933
5925000000	1.466076572	-2.932153143	-14.33292221	-8.226623822	-18.07913008	-9.898438278	0.0368729	0.1504311	0.0515628	0.1023661	-11.174286
5925000000	1.466076572	-2.879793266	-12.80038929	-8.428871656	-17.23530176	-9.679114186	0.052476	0.1435862	0.0189003	0.0176685	-10.933538
5925000000	1.466076572	-2.827433388	-10.33560321	-8.940696406	-15.28410392	-10.18121237	0.0925635	0.1276234	0.0296203	0.0959131	-10.633351
5925000000	1.466076572	-2.775073511	-9.435108488	-8.20703727	-14.25207621	-11.24808373	0.1138909	0.1511111	0.0377943	0.0750225	-10.247764
5925000000	1.466076572	-2.722713633	-10.87304628	-7.024510428	-14.50332822	-12.3316908	0.0817891	0.1984033	0.0354542	0.0584562	-10.29069
5925000000	1.466076572	-2.670353756	-16.00502409	-6.538936757	-14.76047074	-12.88007544	0.0250898	0.221874	0.0334159	0.051522	-10.810506
5925000000	1.466076572	-2.617993878	-23.73024259	-6.760510552	-13.87931957	-12.76897963	0.0042362	0.210388	0.0409325	0.0528569	-11.122932
5925000000	1.466076572	-2.565634	-13.20465103	-7.202152493	-13.04504184	-12.05656755	0.0478118	0.1904517	0.0496016	0.0622792	-10.57813
5925000000	1.466076572	-2.513274123	-9.81217758	-7.177397141	-13.19415744	-11.14618947	0.1044197	0.1915404	0.0479274	0.0768035	-9.7809682
5925000000	1.466076572	-2.460914245	-9.833131711	-6.38631526	-14.23832665	-10.304854	0.1039171	0.2298098	0.0376849	0.0932212	-9.3495004
5925000000	1.466076572	-2.408554368	-12.46020588	-5.404371982	-15.23543966	-9.251304912	0.0567518	0.288113	0.0299541	0.1188145	-9.0865551
5925000000	1.466076572	-2.35619449	-14.78974881	-4.636865431	-14.7040301	-7.830703899	0.0331914	0.343806	0.033853	0.1647895	-8.4190911
5925000000	1.466076572	-2.303834613	-10.44891523	-4.053594673	-12.78473739	-6.477236433	0.0901796	0.3932245	0.0526655	0.2250486	-7.2060787
5925000000	1.466076572	-2.251474735	-6.48271907	-3.817672829	-10.61423355	-5.620202115	0.2247647	0.4151765	0.0809762	0.2741447	-6.0420983
5925000000	1.466076572	-2.199114858	-4.425346517	-4.188064237	-10.02008291	-5.215595897	0.3609652	0.3812357	0.0995386	0.3009126	-5.4414593
5925000000	1.466076572	-2.14675498	-3.775133678	-4.83891904	-10.53014936	-4.831295305	0.4192631	0.328177	0.0885085	0.3287536	-5.3584512
5925000000	1.466076572	-2.094395102	-3.899211476	-4.60025901	-12.24026016	-4.249222275	0.4074543	0.3467162	0.0597	0.3759047	-5.2695122
5925000000	1.466076572	-2.042035225	-3.865179345	-3.360810017	-12.69717965	-3.7676116	0.4106597	0.4612315	0.0537381	0.4199899	-4.7313782
5925000000	1.466076572	-1.989675347	-3.158567885	-2.479062346	-10.48730855	-3.648033041	0.4832181	0.565059	0.0893859	0.4317146	-4.0633255
5925000000	1.466076572	-1.93731547	-2.464944363	-2.616548793	-8.575906481	-3.799420033	0.5668988	0.5474508	0.1388322	0.4169251	-3.793157
5925000000	1.466076572	-1.884955592	-2.498053176	-3.154669153	-7.34830803	-3.906311695	0.5625935	0.4451774	0.1643206	0.4067887	-4.0371085
5925000000	1.466076572	-1.832955715	-2.246355699	-4.137231743	-7.659071263	-3.753932057	0.4735485	0.3857241	0.1714324	0.4213149	-4.4007673
5925000000	1.466076572	-1.780235837	-3.944791799	-3.627386806	-6.844662975	-3.501222704	0.4032003	0.4337718	0.206792	0.4465579	-4.287799
5925000000	1.466076572	-1.72787596	-3.832078157	-2.693223318	-5.455106543	-3.436962557	0.4138016	0.37378704	0.2847668	0.4532144	-3.7426239
5925000000	1.466076572	-1.675516082	-3.398737311	-2.213886523	-4.402391128	-3.606863642	0.4572211	0.600636	0.3628782	0.4358265	-3.3330558
5925000000	1.466076572	-1.623156204	-3.269100628	-2.240242443	-3.772391795	-3.8421216771	0.4710749	0.597002	0.4195278	0.4128367	-3.2320552
5925000000	1.466076572	-1.570796327	-2.913416256	-2.301378976	-3.941795546	-3.964712823	0.5112795	0.5885657	0.4963871	0.401355	-3.1015344
5925000000	1.466076572	-1.518436449	-2.145388572	-1.994182804	-3.044194356	-3.813414871	0.7218736	0.6318031	0.6391173	0.4155837	-2.2035541
5925000000	1.466076572	-1.466076572	0.563192782	-1.372663047	-0.871685474	-3.298559479	1.1384639	0.7290104	0.8181472	0.4678903	-1.0326553
5925000000	1.466076572	-1.4137116694	2.048295078	-0.796380167	-0.276298486	-2.576213188	1.602161	0.8324753	0.9383612	0.552559	-0.0811039
5925000000	1.466076572	-1.361356817	2.908114909	-0.581139082	-0.143527182	-1.92675005	1.9534913	0.8747543	0.9674918	0.6416896	0.4507123
5925000000	1.466076572	-1.308966397	3.490360647	-0.76436704	0.021768982	-1.512553134	2.2337296	0.8386163	1.0050251	0.7059024	0.7766522
5925000000	1.466076572	-1.2566637061	4.134983448	-1.087584213	0.683397091	-1.336144388	2.5911845	0.7784695	1.1704415	0.7351662	1.201818
5925000000	1.466076572	-1.204277184	4.742396801	-1.195968024	1.654335329	-1.343550118	2.9801602	0.7592822	1.4636375	0.7339135	1.7150657
5925000000	1.466076572	-1.159171306	4.896241736	-1.045506582	2.380760617	-1.518575996	3.0876223	0.7860485	1.7301193	0.7409424	1.9858008
5925000000	1.466076572	-1.099557429	4.313074993	-1.008141019	2.503950872	-1.853318886	2.6996502	0.7928406	1.7798979	0.6526136	1.7062986
5925000000	1.466076572	-1.047197551	3.181169582	-1.429189167	2.280641535	-2.80644535	2.0802568	0.7195833	1.6034494	0.5914743	1.6064956
5925000000	1.466076572	-0.994837674	2.421629283	-2.25296842	1.446939333	-2.693501731	1.7464772	0.5952551	1.3953846	0.5378359	0.2887135
5925000000	1.466076572	-0.942477796	2.69419764	-2.95180668	1.222238002	-3.013789028	1.859601	0.5067798	1.3250242	0.4995585	0.2025803
5925000000	1.466076572	-0.890117919	3.20132423	-3.083233638	1.360165395	-3.24737437	2.0899333	0.4916733	1.3677809	0.4734374	0.4363976
5925000000	1.466076572	-0.837758041	3.230501877	-2.924400587	1.34763906	-3.473463151	2.1040216	0.509988	1.3638415	0.4494123	0.4607625
5925000000	1.466076572	-0.785398163	2.856340933	-2.84372185	0.842616307	-3.746819926	1.9303413	0.5195056	1.21412	0.4220054	0.0924021
5925000000	1.466076572	-0.733038286	2.503634558	-2.898122631	-0.031066287	-4.045863298	1.7797683	0.5138031	0.9928722	0.3939251	0.3625363
5925000000	1.466076572	-0.680678408	2.345645985	-3.211095467	-0.836906133	-4.378788142	1.716187	0.4774088	0.8247254	0.3648557	-0.7273528
5925000000	1.466076572	-0.628318531	2.122875179	-4.107838727	-1.372520258	-4.94855704	1.630375	0.3883436	0.7290343	0.3199958	-1.152402
5925000000	1.466076572	-0.575958653	1.584355658	-5.853607185	-1.92511189	-6.159708148	1.4402423	0.2598001	0.6419317	0.2421192	-1.8975181
5925000000	1.466076572	-0.523598776	0.781430585	-8.176401664	-2.880290387	-8.471432456	1.1971348	0.1521808	0.5152038	0.142186	-2.9957638
5925000000	1.466076572	-0.471238898	-0.019134252	-9.310551389	-4.296251385	-11.98534483	0.9956039	0.1172047	0.3718563	0.063309	-4.1226938
5925000000	1.466076572	-0.41887902	-0.745957568	-8.37623608	-5.664076987	-14.2367463	0.8421787	0.1453371	0.271389	0.0376986	-4.8925284
5925000000	1.466076572	-0.366519143	-1.735676033	-7.594677259	-4.64252813	-13.16254091	0.6705519	0.1739932	0.22417	0.0482776	-5.0450091
5925000000	1.466076572	-0.314159265	-3.231726337	-8.160096593	-7.145366625	-12.90532189	0.4751463	0.1527352	0.1929582	0.0512233	-6.6150312
5925000000	1.466076572	-0.261799388	-4.805875589	-10.24410832	-8.122857151	-14.89550553	0.3306834	0.0945342	0.1540687	0.0323929	-8.1553627
5925000000	1.466076572	-0.20943951	-5.764862444	-13.23296627	-9.557972378	-17.61795642	0.2651635	0.0470501	0.1107141	0.0173063	-9.5793179
5925000000	1.466076572	-0.157079633	-6.320596571	-15.0734047	-11.09272789	-16.01505732	0.2333138	0.0310928	0.0777548	0.0250319	-10.717653
5925000000	1.466076572	-0.104719755	-6.668869214	-15.28732625	-12.02445254	-13.32997523	0.2153342	0.0295983	0.0627415	0.0464518	-10.529024
5925000000	1.466076572	-0.052359878	-6.63472389	-14.72246075	-11.09045284	-11.09045284	0.2170339	0.0337096	0.0656081	0.0777955	-10.064017
5925000000	1.466076572	-4.44E-16	-6.963298829	-12.77767635	-11.03294126	-8.622648551	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984779
5925000000	1.466076572	0.052359878	-8.720876938	-10.26000198	-11.82689893	-6.448121957	0.1342494	0.0941889	0.0656614	0.2265624	-8.8550404
5925000000	1.466076572	0.104719755	-12.52212189	-8.030449695	-16.76439381	-5.145383281	0.0559484	0.0517382	0.021065	0.305817	-6.8945548
5925000000	1.466076572	0.107079633	-17.12129361	-6.182259212	-16.17739469	-4.74470843	0.0194031	0.2408652	0.0241135	0.3353738	-8.0983951
5925000000	1.466076572	0.25943951	-16.78349839	-4.679475892	-9.4901578706	-4.901570706	0.0209725	0.3404493	0.1104067	0.132476	-7.5125655
5925000000	1.466076572	0.261799388	-13.87367513	-3.579908722	-6.844376256	-5.031971728	0.0409857	0.4835399	0.2068056	0.3139083	-6.0195595
5925000000	1.466076572	0.314519265	-10.89185007	-3.028297358	-5.793556029	-4.741244872	0.0814357	0.4979323	0.2634168	0.3356414	-5.3075742
5925000000	1.466076572	0.366519143	-8.95982023	-3.026318828	-5.058542582	-4.226556305	0.1270579	0.481592	0.3119936	0.3778909	-4.831077
5925000000	1.466076572	-8.6178319									

5925000000	1.466076572	2.827433388	-11.63348481	-12.33194942	-12.49883727	-9.065035573	0.0686517	0.0584528	0.0562492	0.1240213	-11.143914
5925000000	1.466076572	2.879793266	-10.32431207	-12.28995623	-13.51637021	-10.67079307	0.0928044	0.0590207	0.0445003	0.0856881	-11.5179
5925000000	1.466076572	2.932153143	-10.04395732	-11.5649978	-12.09419225	-13.34770609	0.098993	0.0697429	0.0309443	0.0462625	-12.11226
5925000000	1.466076572	2.984513021	-11.72387715	-11.75952163	-18.0159532	-16.59043654	0.0673276	0.066668	0.0157908	0.0219258	-13.673457
5925000000	1.466076572	3.036872899	-14.08795178	-14.4168686	-21.09475843	-18.34354323	0.0390126	0.0361671	0.0077718	0.0146435	-16.126323
5925000000	1.466076572	3.089232776	-15.06254813	-20.83700954	-20.19359532	-18.64575884	0.0311706	0.0082471	0.0080985	0.0136592	-18.15437
5925000000	1.466076572	3.141592654	-17.25575586	-20.41819981	-22.1242612	-18.28340317	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.518436449	-3.141592654	-17.25575632	-20.41820007	-22.12442645	-18.28340312	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.518436449	-3.089232776	-23.40919494	-15.86923573	-26.28099767	-15.65957449	0.0045612	0.0258867	0.0023545	0.0271671	-18.241292
5925000000	1.518436449	-3.036872899	-19.44718939	-12.52743851	-22.11931891	-12.7083957	0.0113575	0.05588	0.0061386	0.0535995	-14.983484
5925000000	1.518436449	-2.984513021	-15.08436748	-9.786572399	-18.49507758	-10.73513226	0.0310144	0.1050371	0.0141414	0.0844281	-12.316932
5925000000	1.518436449	-2.932153143	-14.21528423	-8.519616826	-17.7037777	-9.699728427	0.0378854	0.1406172	0.0169677	0.1071586	-11.211497
5925000000	1.518436449	-2.879793266	-13.12612873	-8.843718149	-16.92925719	-9.462756384	0.0468641	0.1305053	0.0202803	0.1131682	-11.070184
5925000000	1.518436449	-2.827433388	-10.51246178	-9.509217609	-15.10138342	-9.967468874	0.0888697	0.111964	0.0308931	0.1007519	-10.802962
5925000000	1.518436449	-2.775073511	-8.905044667	-8.617313192	-14.28404523	-11.00180271	0.1286754	0.1374892	0.0372903	0.0793999	-10.190259
5925000000	1.518436449	-2.722713633	-9.100220463	-7.304677788	-14.94605916	-12.13139357	0.1230206	0.1860083	0.032018	0.0612154	-9.9755069
5925000000	1.518436449	-2.670353756	-11.3866229	-6.900934864	-15.4652527	-12.94327527	0.0726671	0.2041298	0.0282064	0.0507776	-10.508773
5925000000	1.518436449	-2.617993878	-15.33292422	-7.19946755	-14.56501932	-12.78460504	0.0292892	0.1905694	0.0349541	0.0526671	-11.142433
5925000000	1.518436449	-2.565634	-13.5409418	-7.585351092	-13.69623041	-11.46300347	0.0442492	0.1743672	0.042695	0.0714002	-10.799919
5925000000	1.518436449	-2.513274123	-10.25591425	-7.7202081	-13.83408562	-10.09131525	0.0942776	0.169036	0.041361	0.0979193	-9.971923
5925000000	1.518436449	-2.460914245	-9.565919512	-7.35116458	-14.69126175	-9.202787749	0.1105116	0.1840278	0.0339527	0.1201493	-9.501606
5925000000	1.518436449	-2.408554368	-11.10254166	-6.471733662	-15.34446808	-8.352623243	0.0775793	0.225334	0.0292115	0.1461294	-9.224012
5925000000	1.518436449	-2.35619449	-13.09969019	-5.429907972	-14.79984275	-7.11965063	0.0489814	0.2864239	0.0331144	0.1941042	-8.5184193
5925000000	1.518436449	-2.303834613	-10.25258534	-4.558610636	-13.09447023	-5.845187055	0.0943499	0.3500571	0.0490403	0.2603403	-7.2483175
5925000000	1.518436449	-2.251474735	-6.425444883	-4.207007871	-11.25628958	-5.025453511	0.2277485	0.3795764	0.0748809	0.3143798	-6.0354538
5925000000	1.518436449	-2.199114858	-4.317199865	-4.582593598	-10.251849	-4.704096832	0.3700667	0.3481294	0.0943659	0.3385247	-5.4095198
5925000000	1.518436449	-2.14675498	-3.645413898	-5.30042561	-10.6204659	-4.486723694	0.431975	0.250042	0.0870469	0.3585897	-5.3868907
5925000000	1.518436449	-2.094395102	-3.761858098	-5.066525778	-12.12116967	-4.053189343	0.4205467	0.3114207	0.0613597	0.3932612	-5.2775998
5925000000	1.518436449	-2.042035225	-3.802869843	-3.614663765	-12.53992991	-3.611636198	0.416594	0.4354044	0.0557195	0.4353478	-4.7407914
5925000000	1.518436449	-1.989675347	-3.316538239	-2.428916091	-10.45431726	-3.454445241	0.4659574	0.5716213	0.0900675	0.4513937	-4.036669
5925000000	1.518436449	-1.93731547	-2.849342943	-2.274672171	-8.565558058	-3.527858541	0.5188785	0.5922878	0.1391375	0.4438274	-3.7311293
5925000000	1.518436449	-1.884955592	-3.084459799	-2.996964648	-7.805270832	-3.353419347	0.4915345	0.5012225	0.1657574	0.4403554	-3.9751412
5925000000	1.518436449	-1.832595175	-4.71551302	-3.792293717	-7.605176739	-3.291670567	0.382688	0.4716097	0.1735731	0.4686331	-4.4294299
5925000000	1.518436449	-1.780235837	-5.563229884	-3.686406312	-6.846750685	-2.96230028	0.2777647	0.4279168	0.2066926	0.5055568	-4.5040492
5925000000	1.518436449	-1.72787596	-6.327471221	-2.945016346	-5.549660509	-2.825111158	0.2329447	0.5057528	0.2786339	0.5217817	-4.1427618
5925000000	1.518436449	-1.675516082	-6.509024011	-2.48528076	-4.57150658	-2.932855868	0.2234074	0.5462505	0.3490192	0.5089661	-3.8571641
5925000000	1.518436449	-1.623156204	-6.526880186	-2.544442558	-3.981301481	-3.109623816	0.2224908	0.5566161	0.3998249	0.4886497	-3.7996122
5925000000	1.518436449	-1.570796327	-5.350581647	-2.721028147	-3.28357555	-3.132311723	0.2917036	0.5344378	0.4743976	0.4861484	-3.5001142
5925000000	1.518436449	-1.518436449	-2.578306461	-2.54447602	-2.099585894	-2.844044803	0.5522928	0.5566118	0.6166538	0.5195119	-2.5083005
5925000000	1.518436449	-1.466076572	-1.09276896	-1.976267762	-1.006437766	-1.265792966	1.0254812	0.6344147	0.7931517	0.5934991	-1.8522516
5925000000	1.518436449	-1.413716694	1.892533003	-1.374281773	-0.428671759	-1.637545423	1.546156	0.7287387	0.9060097	0.6858759	-0.147105
5925000000	1.518436449	-1.363156817	2.860534656	-1.110190232	-0.344207154	-1.205694281	1.9322062	0.7744279	0.9238028	0.752836	-0.4020845
5925000000	1.518436449	-1.30896939	3.397455601	-1.262011469	-0.231797368	-1.050863967	2.1864803	0.7478231	0.948026	0.7850794	-0.6701585
5925000000	1.518436449	-1.256637061	3.842668986	-1.570573621	-0.403936023	-1.10317082	2.4225174	0.6965345	1.0974724	0.7750806	-0.9623241
5925000000	1.518436449	-1.204277184	4.189839683	-1.64646887	1.371245231	-1.254987492	2.6241217	0.6844679	1.3712749	0.7490335	-1.3265169
5925000000	1.518436449	-1.151917306	4.134330952	-1.423364101	2.093951776	-1.465611633	2.5907953	0.7205491	1.619553	1.7135737	-1.4956327
5925000000	1.518436449	-1.099557429	3.446494204	-1.28957142	2.203096418	-1.745618633	2.2113089	0.7430925	1.6607706	0.6690185	-1.2091847
5925000000	1.518436449	-1.047197551	2.411964173	-1.595094981	1.723356071	-2.080237671	1.7425948	0.6962128	1.4878044	0.6194072	-1.0515837
5925000000	1.518436449	-0.994837674	2.071220957	-2.248946769	1.085116507	-2.409875467	1.6110985	0.5958066	1.2838422	0.5714329	-0.0698777
5925000000	1.518436449	-0.942477796	2.780619144	-2.697393022	0.83574988	-2.668153368	1.8969763	0.5372867	1.212202	0.5409843	-0.5889957
5925000000	1.518436449	-0.890117919	3.479120677	-2.581426676	0.98087294	-2.866711667	2.227984	0.5518961	1.2533931	0.5168075	-0.1995911
5925000000	1.518436449	-0.837758041	3.509296148	-2.281861819	1.007930495	-3.118548325	2.2435183	0.5913801	1.2612264	0.4876915	-0.5916039
5925000000	1.518436449	-0.785398163	2.975271023	-2.214581343	0.567925843	-3.498895917	1.9839335	0.6005399	1.1397053	0.4467973	-0.801777
5925000000	1.518436449	-0.733038286	2.437777829	-2.443443742	-0.21569967	-3.923318952	1.7529833	0.5697123	0.9515465	0.4051988	-0.3627815
5925000000	1.518436449	-0.680678408	2.340262354	-3.005337888	-0.907106338	-4.27760412	1.7140608	0.5505716	0.8115016	0.3734561	-0.7063432
5925000000	1.518436449	-0.628318531	2.3712791	-4.103536159	-1.312022273	-4.729706867	1.7263463	0.3887285	0.739261	0.3635343	-0.9815088
5925000000	1.518436449	-0.575958653	1.968974647	-5.916558265	-1.740924507	-5.758519402	1.5736113	0.2560614	0.669742	0.2655511	-1.6037022
5925000000	1.518436449	-0.523598776	0.981777981	-8.08595521	-2.618910288	-7.905920165	1.2536543	0.1553833	0.5471532	0.1619601	-2.7610308
5925000000	1.518436449	-0.471238898	-0.226888439	-8.988739396	-4.054883137	-11.51438147	0.9490982	0.1262194	0.3939233	0.0705605	-4.1459527
5925000000	1.518436449	-0.41887902	-1.16895031	-8.121392188	-5.515949021	-14.78838044	0.7640204	0.1541206	0.2808052	0.0332018	-5.113971
5925000000	1.518436449	-0.366519143	-2.008187581	-7.463407924	-6.448845314	-13.88224314	0.6297689	0.1793326	0.2265326	0.4049049	-5.7003384
5925000000	1.518436449	-0.314159265	-3.226931263	-8.083366948	-7.180453581	-13.13198977	0.4756712	0.155476	0.1914064	0.0486184	-5.1965066
5925000000	1.518436449	-0.261799388	-4.703646745	-10.16152466	-8.254405566	-14.62139145	0.3385598	0.0963491	0.1494719	0.0345033	-8.1045074
5925000000	1.518436449	-0.20943951	-5.814454552	-13.10354491	-9.738848135	-16.88158046	0.2621528	0.0489379	0.1061977	0.0205042	-9.6079155
5925000000	1.518436449	-0.157079633	-6.4340007	-14.84842747	-11.21883957	-15.48652544	0.2273003	0.0327459	0.0755294	0.0282714	-10.414172
5925000000	1.518436449	-0.104719755	-6.690070974	-14.911555	-12.06467652	-13.00828752	0.2142856	0.0327734	0.0621588	0.0500232	-10.477291
5925000000	1.518436449	-0.052359878	-6.621902849	-14.42433603	-11.8342935	-10.95764942	0.2176756	0.0361049	0.0658654	0.0802112	-10.001552
5925000000	1.518436449	-4.44E-16	-6.								

5925000000	1.518436449	2.408554368	-10.46139586	-10.13048218	-13.50876307	-6.525520434	0.0899209	0.0970402	0.0445783	0.2225604	-9.4490866
5925000000	1.518436449	2.460914245	-11.51372526	-9.365163154	-14.03422833	-6.885728592	0.0705712	0.1157401	0.0394982	0.2048458	-9.6793022
5925000000	1.518436449	2.513274123	-12.93634924	-9.381733958	-13.69609161	-9.267478537	0.0508587	0.1152993	0.0426964	0.1183729	-9.1272106
5925000000	1.518436449	2.565634	-12.31508205	-9.807521021	-13.4737217	-13.40194746	0.0586802	0.1045317	0.0449395	0.0456883	-11.975005
5925000000	1.518436449	2.617993878	-11.17036266	-10.35109177	-14.98870246	-14.35823403	0.0763772	0.092234	0.0317051	0.0366587	-12.737575
5925000000	1.518436449	2.670353756	-11.03205471	-10.78400395	-17.39533442	-11.56297263	0.0788487	0.0834833	0.0182166	0.0697762	-12.035562
5925000000	1.518436449	2.722713636	-11.63502741	-11.27971739	-15.46532574	-9.731201042	0.0686274	0.074478	0.0284098	0.1063849	-11.817414
5925000000	1.518436449	2.775073511	-12.2961704	-12.50575792	-13.23584613	-8.901874237	0.0589363	0.0561596	0.0474696	0.1287694	-11.376675
5925000000	1.518436449	2.827433388	-11.58947436	-14.48898353	-13.07471125	-8.939539445	0.069351	0.0355715	0.0492636	0.1276574	-11.520521
5925000000	1.518436449	2.879793266	-10.0046883	-14.76868035	-14.17112807	-10.06308923	0.0998921	0.0333528	0.0382725	0.0985578	-11.705752
5925000000	1.518436449	2.932153143	-9.770851459	-13.0102563	-15.88820928	-12.47937456	0.105418	0.0500005	0.0257738	0.0565018	-12.260414
5925000000	1.518436449	2.984513021	-11.52650911	-12.56244316	-18.67012287	-15.76948501	0.0703638	0.0554314	0.0135828	0.0264881	-13.823025
5925000000	1.518436449	3.036872899	-14.02037185	-14.89390901	-21.21050689	-17.99287641	0.0396244	0.0324048	0.0075674	0.0158749	-16.221858
5925000000	1.518436449	3.089232776	-15.13473094	-20.86139427	-20.87881246	-18.64501398	0.0306568	0.0082009	0.0081681	0.0136615	-18.189625
5925000000	1.518436449	3.141592654	-17.25575632	-20.41820007	-22.12442645	-18.28340312	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.570796327	-3.141592654	-17.255756	-20.41820011	-22.12442615	-18.28340326	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.570796327	-3.089232776	-23.48105641	-16.01585905	-26.19628487	-15.56521024	0.0044864	0.0250273	0.0024009	0.0277638	-18.26243
5925000000	1.570796327	-3.036872899	-19.75278862	-12.77668407	-21.75703455	-12.62393708	0.0105857	0.0527633	0.0066726	0.054652	-15.062853
5925000000	1.570796327	-2.984513021	-15.01324386	-10.08011558	-18.16990803	-10.64660578	0.0315265	0.0981722	0.0152409	0.0861667	-12.382484
5925000000	1.570796327	-2.932153143	-14.15090142	-8.831801732	-17.46647478	-9.60054611	0.0384512	0.1308639	0.0179206	0.109634	-11.294941
5925000000	1.570796327	-2.879793266	-13.69373957	-9.265962796	-16.77540029	-9.389424948	0.0427195	0.1184142	0.0210116	0.1150953	-11.289519
5925000000	1.570796327	-2.827433388	-11.07856199	-10.08743521	-15.01811852	-9.918126718	0.0780088	0.0980069	0.0314911	0.1019031	-11.115258
5925000000	1.570796327	-2.775073511	-8.830032792	-9.073159619	-14.36816494	-10.9167313	0.1309172	0.1237896	0.0365749	0.0809705	-10.312277
5925000000	1.570796327	-2.722713636	-8.119180669	-7.682554485	-15.36552799	-12.08962047	0.1541991	0.1705079	0.0290701	0.061807	-9.8340097
5925000000	1.570796327	-2.670353756	-8.976592959	-7.411272335	-16.31727335	-13.08681872	0.1265729	0.1814984	0.0233481	0.0912687	-10.216526
5925000000	1.570796327	-2.617993878	-10.78253811	-7.811926173	-15.52205225	-12.61642334	0.0835115	0.1655036	0.0280411	0.0547467	-10.811799
5925000000	1.570796327	-2.565634	-10.94708654	-8.036916145	-14.7355477	-10.67440111	0.0804065	0.1571478	0.0336081	0.085617	-10.496601
5925000000	1.570796327	-2.513274123	-9.442950254	-8.207936946	-14.90818697	-9.096727814	0.1136855	0.1510798	0.0322984	0.1231196	-9.7862124
5925000000	1.570796327	-2.460914245	-8.857993065	-8.502765807	-15.5447365	-8.360390723	0.1300771	0.1411638	0.027895	0.1458683	-9.536959
5925000000	1.570796327	-2.408554368	-9.735735654	-8.137233157	-15.80869591	-7.841899776	0.1062827	0.1535595	0.0262501	0.1643653	-9.4840618
5925000000	1.570796327	-2.35619449	-11.33595014	-6.801159432	-15.18846502	-6.88451423	0.0735199	0.2088738	0.0302798	0.2409301	-8.8808528
5925000000	1.570796327	-2.303834613	-10.45029727	-5.47419073	-13.60778792	-5.739256028	0.0901509	0.2835182	0.0435374	0.2667316	-7.6702036
5925000000	1.570796327	-2.251474735	-7.474416498	-4.940333975	-11.72286503	-4.99282993	0.1788786	0.3260623	0.0672533	0.3167503	-6.5586109
5925000000	1.570796327	-2.199114858	-5.563864495	-5.371676909	-10.55005146	-4.798657486	0.2777241	0.2902902	0.0881038	0.3312335	-6.0758816
5925000000	1.570796327	-2.14675498	-5.095852648	-6.351677092	-10.69150352	-4.820034306	0.3093248	0.23165	0.0852805	0.3296071	-6.2166462
5925000000	1.570796327	-2.094935102	-5.511183691	-6.457133	-11.94495646	-4.593992456	0.2811135	0.2260928	0.0639005	0.2471268	-6.3904262
5925000000	1.570796327	-2.048053225	-5.858091669	-4.952706197	-12.23248962	-4.143672973	0.259532	0.3196902	0.0598019	0.3851525	-5.9168515
5925000000	1.570796327	-1.989675347	-5.572801072	-3.450450793	-10.3027492	-3.797387583	0.2771532	0.451809	0.0932664	0.4711202	-5.0886643
5925000000	1.570796327	-1.93731547	-5.227915129	-2.927949717	-8.500417488	-3.627577429	0.3000603	0.5095714	0.1412402	0.4337258	-4.6072795
5925000000	1.570796327	-1.884955592	-5.63023512	-3.296055034	-7.742770361	-3.454502482	0.2735121	0.4681602	0.1681627	0.4513877	-4.6812081
5925000000	1.570796327	-1.832595715	-7.099933189	-3.909877196	-7.514393328	-3.144539924	0.1949875	0.4064548	0.1772396	0.4847451	-5.0049736
5925000000	1.570796327	-1.780235837	-9.13416016	-3.945585054	-6.759865309	-2.802152833	0.122063	0.4031266	0.2108694	0.5245474	-5.014805
5925000000	1.570796327	-1.72787596	-10.22400119	-3.368050422	-5.508289028	-2.630897008	0.0949729	0.4604632	0.2813009	0.5456451	-4.6143186
5925000000	1.570796327	-1.675516082	-9.906093608	-2.900959492	-4.581146754	-2.682893943	0.1021858	0.5127481	0.3482453	0.5391652	-4.2529451
5925000000	1.570796327	-1.623156204	-8.505457328	-2.880187896	-4.033119707	-2.821964551	0.1410764	0.5152064	0.3950827	0.5221199	-4.0518624
5925000000	1.570796327	-1.570796327	-5.701295157	-3.038710754	-3.306962808	-2.848329204	0.2690732	0.4967968	0.4669858	0.5189997	-3.5857584
5925000000	1.570796327	-1.518436449	-2.447577871	-2.948595438	-2.157863111	-2.612672731	0.5691703	0.5071547	0.6084343	0.5479396	-2.5322983
5925000000	1.570796327	-1.466076572	0.139024976	-2.484859605	-1.056465052	-2.141231832	0.10325296	0.5643052	0.7840676	0.6107688	-1.2614615
5925000000	1.570796327	-1.413716694	1.73690474	-1.930409763	-0.491092081	-1.654038287	1.4917309	0.6411491	0.8930809	0.683276	-0.3277543
5925000000	1.570796327	-1.361356817	2.470517169	-1.663864978	-0.441701955	-1.359657932	1.7662481	0.6817317	0.9032954	0.7311967	0.0886322
5925000000	1.570796327	-1.308996939	2.680624317	-1.790495421	-0.373282381	-1.304840341	1.8537981	0.6623141	0.9176388	0.7404885	0.1489894
5925000000	1.570796327	-1.256637061	2.741089049	-2.058909409	0.232343552	-1.393008005	1.8797881	0.6224566	1.054956	0.7256032	0.296682
5925000000	1.570796327	-1.204277184	2.779852373	-2.081456227	1.179650091	-1.49821086	1.8966414	0.6192334	1.3120942	0.7082522	0.5463423
5925000000	1.570796327	-1.151917306	2.612021214	-1.808279546	1.874192906	-1.581915935	1.8247447	0.6594351	1.5396404	0.6947178	0.7174746
5925000000	1.570796327	-1.099557429	2.092886193	-1.626497583	1.939487177	-1.691015151	1.6191557	0.6876228	1.5629631	0.6774831	0.5568642
5925000000	1.570796327	-1.047197551	1.609118187	-1.845439132	1.693716686	-1.867184219	1.4484777	0.6538168	1.3801862	0.6505113	0.1420878
5925000000	1.570796327	-0.994837674	1.948082344	-2.318909451	0.391011062	-2.078806897	1.5660594	0.5862854	1.172468	0.6196613	-0.0607639
5925000000	1.570796327	-0.942477996	2.914048543	-2.508980502	0.386979998	-2.236056963	1.9561622	0.5610621	1.0931959	0.5975756	0.2201551
5925000000	1.570796327	-0.890117919	3.571488894	-2.197488088	0.518924631	-2.341503444	2.2758776	0.6029093	1.1269184	0.5832432	0.5965319
5925000000	1.570796327	-0.837758041	3.493815482	-1.834311762	0.572487205	-2.566262224	2.2355354	0.6554942	1.140903	0.5538266	0.5935124
5925000000	1.570796327	-0.785398163	2.837759586	-1.82456564	0.190198834	-3.05522541	1.9220999	0.6596668	1.0447681	0.4948544	0.1269903
5925000000	1.570796327	-0.733038286	2.24185383	-2.223558128	-0.501260092	-3.708606106	1.675658	0.5992999	0.8908078	0.425735	-0.4678404
5925000000	1.570796327	-0.680678408	2.262049593	-3.01078262	-1.062733901	-4.255959947	1.6834684	0.4999444	0.7829366	0.375322	-0.7809625
5925000000	1.570796327	-0.628318531	2.464283549	-4.290050314	-1.303802828	-4.723383277	1.7637148	0.3723874	0.7406614	0.3370247	-0.9504273
5925000000	1.570796327	-0.575988653	2.08871641	-6.144619188	-1.570041255	-5.626561705	1.6176019	0.2429618	0.6966199	0.2737435	-1.501313
5925000000	1.570796327	-0.523598776	0.902364799	-8.128236645	-2.334136645	-7.593378159	1.2309389	0.138779	0.5842334	0.1740453	-2.7101849
5925000000	1.570796327	-0.471238898	-0.627460298	-8.808825075	-3.737996984	-11.056613	0.8654739	0.1315581	0.4228636	0.0775236	-4.2671661
5925000000	1.57079632										

5925000000	1.570796327	1.989675347	-6.909089334	-4.93542485	-8.713809453	-1.593075895	0.2037469	0.3209649	0.134468	0.6929349	-4.7104646
5925000000	1.570796327	2.042035225	-7.98708076	-6.098628375	-9.408927686	-2.203721707	0.1589615	0.2455484	0.1145796	0.6020434	-5.5240288
5925000000	1.570796327	2.094395120	-9.471333806	-7.202460695	-10.26686063	-3.322864392	0.1129449	0.1904381	0.0940442	0.4652791	-6.66197
5925000000	1.570796327	2.14675458	-10.84330598	-8.074780016	-11.87702293	-4.744597878	0.0823511	0.1557837	0.0649079	0.3353824	-7.9695006
5925000000	1.570796327	2.199114858	-12.25631086	-9.060779188	-13.67423664	-6.612904356	0.0594797	0.124143	0.0429118	0.2181271	-9.5403046
5925000000	1.570796327	2.251474735	-13.90574309	-10.4037752	-14.13050153	-9.323609455	0.0406842	0.0911218	0.0386322	0.1168528	-11.4373979
5925000000	1.570796327	2.303834613	-13.64274346	-11.36666648	-13.3746738	-11.54009191	0.0432241	0.0730003	0.0459762	0.1070144	-12.359257
5925000000	1.570796327	2.35619449	-11.97978503	-10.84855855	-12.78825348	-9.857593215	0.0633901	0.0822516	0.0526229	0.1033334	-11.226316
5925000000	1.570796327	2.408554368	-11.59407203	-9.643094137	-12.96098163	-7.722266116	0.0692776	0.1085652	0.050571	0.1689559	-10.028652
5925000000	1.570796327	2.460914245	-12.61819294	-8.946932682	-13.57864434	-7.397727341	0.0547244	0.1274403	0.0438668	0.1820653	-9.9129686
5925000000	1.570796327	2.513274123	-12.95716843	-8.968995154	-13.64994233	-9.301941865	0.0506155	0.1267945	0.0431525	0.1174372	-10.731437
5925000000	1.570796327	2.565634	-11.54880062	-9.431491564	-13.47570553	-14.40952086	0.0700035	0.1139858	0.0449189	0.0362283	-11.785903
5925000000	1.570796327	2.617993878	-10.66436643	-10.0626717	-14.62238109	-22.78066685	0.085815	0.0985673	0.0344955	0.0052715	-12.515227
5925000000	1.570796327	2.670353756	-10.9788717	-10.73789827	-17.10817803	-15.39478728	0.0798202	0.0843743	0.0194618	0.028875	-12.746373
5925000000	1.570796327	2.722713633	-11.88756114	-11.6450595	-16.43692048	-11.32041753	0.0647506	0.068469	0.0227147	0.0737833	-12.408655
5925000000	1.570796327	2.775073511	-12.37205913	-13.48109451	-14.2251614	-9.458887671	0.0579154	0.0448632	0.0377993	0.113269	-11.97488
5925000000	1.570796327	2.827433388	-11.20210556	-16.662624	-13.88917169	-9.930731444	0.075821	0.0215644	0.0408397	0.1279271	-11.769298
5925000000	1.570796327	2.879793266	-9.597665374	-17.41177968	-15.01951838	-9.722597525	0.1097068	0.0181477	0.0314786	0.1059575	-11.772945
5925000000	1.570796327	2.932153143	-9.505807764	-14.5210703	-16.85369094	-11.9266099	0.1120519	0.0353096	0.0206363	0.064171	-12.362561
5925000000	1.570796327	2.984513021	-11.36101458	-13.45712984	-19.43713031	-15.13991279	0.0730968	0.0451115	0.0113838	0.0306202	-13.973674
5925000000	1.570796327	3.036872899	-13.9748828	-15.40913114	-21.33448669	-17.64754907	0.0400416	0.0287797	0.0073545	0.0171888	-16.318777
5925000000	1.570796327	3.089232776	-15.21352022	-20.8489523	-20.83865234	-18.6414769	0.0301056	0.0082244	0.0082435	0.0136726	-18.221301
5925000000	1.570796327	3.141592654	-17.255756	-20.41820011	-22.12442615	-18.28340326	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.623156204	3.141592654	-17.25575616	-20.4181997	-22.12442652	-18.28340335	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.623156204	3.089232776	-16.17357374	-26.08513049	-15.49085636	-10.0099248	0.0045217	0.0241347	0.0024631	0.0282432	-18.285463
5925000000	1.623156204	3.036872899	-20.03278595	-13.04057824	-21.46149517	-12.5800139	0.0099248	0.0495626	0.0071425	0.0552076	-15.159584
5925000000	1.623156204	2.984513021	-14.96501499	-10.38775823	-16.90287211	-10.62333607	0.0318785	0.0914585	0.0160736	0.0866296	-12.478473
5925000000	1.623156204	2.932153143	-14.09604004	-9.15357795	-17.34113055	-9.613204279	0.03894	0.1215184	0.0184454	0.109315	-11.423378
5925000000	1.623156204	2.879793266	-14.45669119	-9.682624545	-16.71485814	-9.487447421	0.0358369	0.1075815	0.0213066	0.1125266	-11.591859
5925000000	1.623156204	2.827433388	-12.16831418	-10.66208579	-14.96782583	-10.0796672	0.0606972	0.0858601	0.0318579	0.0981823	-11.602117
5925000000	1.623156204	2.775073511	-9.341297788	-9.551278776	-14.41355009	-11.042271	0.1163778	0.1108848	0.0361947	0.0786634	-10.678805
5925000000	1.623156204	2.722713633	-7.917859662	-8.099687613	-15.65879581	-12.2219807	0.1615154	0.1548928	0.0271719	0.059518	-9.9618209
5925000000	1.623156204	2.670353756	-7.892101431	-8.001755433	-17.06376251	-13.233377	0.1624762	0.1584253	0.0196618	0.0474966	-10.132612
5925000000	1.623156204	2.617993878	-8.641620701	-8.614573582	-16.63452714	-12.1995081	0.1367219	0.137576	0.0217044	0.0602628	-10.502868
5925000000	1.623156204	2.565634	-8.921614301	-8.650966241	-16.0960242	-9.797241778	0.1281854	0.136428	0.0254596	0.1047794	-10.066053
5925000000	1.623156204	2.513274123	-8.536361448	-8.578256001	-16.37324341	-8.211194703	0.140076	0.1387313	0.0230503	0.1509665	-9.461305
5925000000	1.623156204	2.460914245	-8.499076779	-9.365352321	-16.75117904	-7.710247727	0.1412838	0.115735	0.0211292	0.1694421	-9.5119702
5925000000	1.623156204	2.416356204	-9.201609026	-10.12267365	-16.60282147	-7.566748702	0.1201819	0.0972149	0.0218634	0.1751157	-9.8466551
5925000000	1.623156204	2.35619449	-10.40459939	-8.761734616	-15.83043501	-6.919045655	0.0911045	0.1329923	0.0261195	0.2302804	-9.451888
5925000000	1.623156204	2.303834613	-10.77828602	-6.727793638	-14.19529281	-5.91657322	0.0835933	0.1214233	0.0380602	0.250606	-8.348507
5925000000	1.623156204	2.251474735	-9.291342706	-5.738954699	-12.14352438	-5.26224537	0.1177242	0.2667501	0.0610447	0.2976977	-7.3094458
5925000000	1.623156204	2.199114858	-7.858862922	-5.967603273	-10.7643193	-5.221510153	0.1637245	0.2530694	0.0838604	0.305031	-6.9834213
5925000000	1.623156204	2.14675458	-7.603441131	-7.040916263	-10.6881517	-5.488817988	0.1736424	0.1976553	0.0853463	0.2825649	-7.3329279
5925000000	1.623156204	2.094395120	-8.180834577	-7.842284488	-11.669898894	-5.40512734	0.1520255	0.1643507	0.0680912	0.2880629	-7.7438413
5925000000	1.623156204	2.042035225	-8.550109193	-6.970065642	-11.821238	-4.782817664	0.1396333	0.2009062	0.065747	0.3324438	-7.3357402
5925000000	1.623156204	1.989675347	-8.226065365	-5.428254122	-10.07107917	-4.101158439	0.1504504	0.2896033	0.0983767	0.3628944	-6.3624636
5925000000	1.623156204	1.93731547	-7.831623698	-4.557521003	-8.398329352	-3.676967436	0.1647546	0.350145	0.1445996	0.4288479	-5.6529258
5925000000	1.623156204	1.884955592	-7.955115874	-4.455767387	-7.659318	-3.463859681	0.1601358	0.3584456	0.1714226	0.4504162	-5.4499506
5925000000	1.623156204	1.832955915	-8.509141933	-4.655320666	-7.3627285115	-3.302755457	0.1409567	0.3423481	0.183346	0.4674901	-5.4739294
5925000000	1.623156204	1.780235837	-8.490368529	-4.578674283	-6.547805516	-3.14566054	0.1415674	0.3484364	0.221419	0.4846561	-5.2430004
5925000000	1.623156204	1.72787596	-7.433130963	-4.084091286	-5.301978037	-3.087258664	0.1805872	0.3904729	0.2949865	0.4921178	-4.6395553
5925000000	1.623156204	1.675516082	-6.195114968	-3.599212563	-4.419440271	-3.189775481	0.2401533	0.436595	0.3614564	0.4797853	-4.2079882
5925000000	1.623156204	1.623156204	-3.413874288	-3.93127859	-3.384025663	-3.9127859	0.3183877	0.4556303	0.4044568	0.4587726	-3.8794569
5925000000	1.623156204	1.570796327	-3.360474663	-3.38277749	-3.257524429	-3.507302068	0.4612672	0.4589044	0.4723322	0.4459332	-3.3761214
5925000000	1.623156204	1.518436449	-1.430683508	-3.214344871	-2.126381969	-3.386361874	0.7193358	0.4770518	0.6128607	0.4585258	-2.464602
5925000000	1.623156204	1.466076572	0.278250822	-2.798503952	-1.022469322	-2.997452261	1.0661666	0.5249883	0.7902292	0.5014813	-2.4232562
5925000000	1.623156204	1.413716694	1.34287314	-2.332741986	-0.387882925	-2.52648662	1.3623457	0.584421	0.8996255	0.5589222	-0.6990278
5925000000	1.623156204	1.361356817	1.669627214	-2.118587821	-0.472643669	-2.17155678	1.4688002	0.6139616	0.9062242	0.606519	-0.463001
5925000000	1.623156204	1.308996939	1.470854637	-2.226320069	-0.387589423	-1.979450763	1.4030898	0.5989189	0.9146208	0.6339499	-0.5176077
5925000000	1.623156204	1.256637061	1.154559233	-2.403388306	0.194926703	-1.85316249	1.3045356	0.5749912	1.045906	0.6526551	-0.4840899
5925000000	1.623156204	1.204277184	1.029399287	-2.314906292	1.120525132	-1.679836717	1.2674765	0.586826	1.2943523	0.6792292	-0.1910121
5925000000	1.623156204	1.151917306	1.06563735	-1.985758219	1.07730316	-1.46787997	1.2780968	0.6330298	1.50582	0.7132011	-0.1930559
5925000000	1.623156204	1.099557429	1.138479034	-1.790470284	1.783335028	-1.328406856	1.2997143	0.6621448	1.5077645	0.7364472	0.2181968
5925000000	1.623156204	1.047197551	1.402267706	-1.954928075	1.160188059	-1.352252841	1.3811052	0.6375396	1.3062274	0.7324445	0.0617893
5925000000	1.623156204	0.994837674	2.08659651	-2.271209391	0.351997139	-1.509098993	1.6168125	0.5927602	1.0844255	0.7064641	0.0005019
5925000000	1.623156204	0.942477796	2.917748367	-2.26765371	-0.039770126	-1.656719355	1.9578294	0.5932457	0.9908844	0.6828543	0.2347758
5925000000	1.623156204	0.890117919	3.364477845	-1.865913626	0.048335243	-1.75277212	2.1699403	0.6507417	1.0111918	0.6679174	0.5113237
5925000000	1.623156204	0.837758041	3.177799874								

5925000000	1.623156204	1.570796327	-3.940726128	-3.428914239	-2.629671489	-7.150641918	0.4035779	0.4540551	0.5457991	0.192724	-3.9898461
5925000000	1.623156204	1.623156204	-4.163614604	-3.452380215	-3.567258764	-7.220894613	0.383388	0.4516084	0.4398191	0.1896315	-4.3638632
5925000000	1.623156204	1.675516082	-4.255911365	-3.400908107	-7.297131792	-7.297131792	0.3753262	0.4569926	0.335415	0.1863317	-4.7042031
5925000000	1.623156204	1.72787596	-4.504856793	-3.097724329	-5.663672243	-7.600326227	0.3544168	0.4900355	0.2714143	0.173767	-4.9159362
5925000000	1.623156204	1.780235837	-5.121541897	-2.617342513	-5.724661238	-7.177315804	0.3075005	0.5473508	0.2676294	0.1915439	-4.8345648
5925000000	1.623156204	1.832595715	-5.976273408	-2.349041952	-5.618432265	-5.618432265	0.2525647	0.5822316	0.2742564	0.2723638	-4.6173535
5925000000	1.623156204	1.884955592	-6.637468769	-2.555263681	-6.267610985	-6.267610985	0.2168968	0.5552309	0.2361777	0.3887255	-4.5685397
5925000000	1.623156204	1.93731547	-7.015503236	-3.279090162	-7.744391316	-3.264604214	0.1988152	0.4699926	0.1680974	0.4715628	-4.8529689
5925000000	1.623156204	1.989675347	-7.68926636	-4.474747148	-9.271587411	-3.259281489	0.1702446	0.3568825	0.1182609	0.4721411	-5.5380111
5925000000	1.623156204	2.025035225	-9.142506997	-6.121392331	-10.03871544	-4.002348607	0.1218286	0.2442647	0.0991125	0.3978919	-6.6599999
5925000000	1.623156204	2.094395102	-10.9548756	-8.213275115	-10.64112914	-5.270167115	0.0802625	0.1508942	0.0862754	0.2971552	-8.1347646
5925000000	1.623156204	2.14675498	-11.93091372	-10.50144766	-11.97634114	-6.778977714	0.0641075	0.0890954	0.0634404	0.2099434	-9.7205273
5925000000	1.623156204	2.199114858	-12.49076881	-12.23097077	-13.84687553	-8.561559959	0.0563538	0.0598278	0.0412394	0.1392656	-11.29762
5925000000	1.623156204	2.251474735	-13.42270552	-12.82470296	-14.6016466	-11.01099675	0.0454705	0.0521831	0.0346605	0.0792319	-12.766551
5925000000	1.623156204	2.303834613	-13.2552968	-12.60201732	-13.68933144	-13.27101616	0.0472575	0.0542986	0.0427629	0.0470867	-13.186782
5925000000	1.623156204	2.35619449	-11.99773814	-11.66166809	-12.80634139	-11.96692848	0.0631286	0.0682077	0.0524042	0.063578	-12.088034
5925000000	1.623156204	2.408554368	-11.61293275	-10.22004141	-12.80349824	-9.421892181	0.0689774	0.0950596	0.0524385	0.1142381	-10.260801
5925000000	1.623156204	2.460914245	-12.19441838	-9.210769306	-13.42781154	-8.293661275	0.0603335	0.1199287	0.0545417	0.1481269	-10.294137
5925000000	1.623156204	2.513274123	-12.06385363	-9.126553169	-13.6200549	-9.026610617	0.0621748	0.122277	0.0434505	0.1251235	-10.542535
5925000000	1.623156204	2.565634	-10.92046593	-9.770403081	-13.29627335	-11.9995181	0.0809009	0.1054289	0.0468137	0.0631027	-11.304072
5925000000	1.623156204	2.617993878	-10.43388995	-10.69722438	-13.93988548	-17.34157683	0.0904922	0.0851682	0.0403656	0.0184435	-12.319737
5925000000	1.623156204	2.670353756	-10.9690361	-11.63667229	-16.12191457	-16.47345769	0.0800012	0.0686014	0.0244235	0.0225245	-13.10801
5925000000	1.623156204	2.722713633	-11.82555864	-12.74760933	-16.99195487	-12.09454555	0.0656817	0.0531177	0.0199896	0.061737	-12.998894
5925000000	1.623156204	2.775073511	-11.94202643	-14.72315229	-15.3534152	-9.774378116	0.0639436	0.0337043	0.0291513	0.1053325	-12.363256
5925000000	1.623156204	2.827433388	-10.58682779	-18.1750961	-14.89764146	-9.014817261	0.0873609	0.0512227	0.0323769	0.1254638	-11.863785
5925000000	1.623156204	2.879793266	-9.174528437	-19.42012393	-16.03671248	-9.648599297	0.1209336	0.0114285	0.0249074	0.1084277	-11.77673
5925000000	1.623156204	2.932153143	-9.277892593	-16.03226364	-17.99289758	-11.66881766	0.1180894	0.0249329	0.0158749	0.0680955	-12.460482
5925000000	1.623156204	2.984513021	-11.23797955	-14.44959843	-20.31106157	-14.70090334	0.0751973	0.0358955	0.0093088	0.0338774	-14.137533
5925000000	1.623156204	3.036872899	-13.95517313	-15.94554952	-21.45610244	-17.32799545	0.0402238	0.0254358	0.0071514	0.0185012	-16.415315
5925000000	1.623156204	3.089232776	-15.29951811	-20.79337864	-20.79620473	-18.63707558	0.0295154	0.0083303	0.0083249	0.0136865	-18.249443
5925000000	1.623156204	3.141592654	-17.25575616	-20.41811997	-22.12442652	-18.28340335	0.0188115	0.0090802	0.0061314	0.0148477	-19.129946
5925000000	1.675516082	3.141592654	-17.25575595	-20.41820024	-22.12442666	-18.283403	0.0188115	0.0090802	0.0061314	0.0148477	-19.129946
5925000000	1.675516082	-3.089232776	-23.30322514	-16.34230074	-25.95139927	-15.43576039	0.0046739	0.0322151	0.0025402	0.0286308	-18.3096598
5925000000	1.675516082	-3.036872899	-20.27234778	-13.31764353	-21.22712551	-12.57556183	0.0093922	0.0465839	0.0075385	0.0552642	-15.273212
5925000000	1.675516082	-2.984513021	-14.93410733	-10.70306961	-17.7914223	-10.66740482	0.0321062	0.0850537	0.0166287	0.080755	-12.605392
5925000000	1.675516082	-2.932153143	-13.99645335	-9.47213128	-17.30212519	-9.746648572	0.0398432	0.1129242	0.0186122	0.1060701	-11.589743
5925000000	1.675516082	-2.879793266	-15.22623884	-10.07561929	-16.69135055	-9.775293016	0.0300176	0.0982739	0.0214222	0.1053103	-11.95479
5925000000	1.675516082	-2.827433388	-13.92912442	-11.27933259	-14.89726447	-10.46998303	0.0404657	0.0755208	0.0323798	0.0897342	-12.252832
5925000000	1.675516082	-2.775073511	-10.58766279	-10.03813037	-14.38474574	-11.36569642	0.0873441	0.0991259	0.0364356	0.0730181	-11.308804
5925000000	1.675516082	-2.722713633	-8.518282788	-8.498989812	-15.7704683	-12.45858246	0.1406604	0.1412863	0.0264821	0.056773	-19.859271
5925000000	1.675516082	-2.670353756	-7.840655088	-8.554118539	-17.540445	-13.23386033	0.1644124	0.1395045	0.017618	0.0474913	-10.350029
5925000000	1.675516082	-2.617993878	-7.895355131	-9.551500992	-17.64874448	-11.54685718	0.1623546	0.1108792	0.0171841	0.0700439	-10.452118
5925000000	1.675516082	-2.565634	-7.931200829	-9.564173932	-17.58415633	-8.934655484	0.16102	0.1105561	0.0174415	0.1278011	-12.811281
5925000000	1.675516082	-2.513274123	-8.015947908	-8.979596057	-18.08471985	-17.456827405	0.1579084	0.1264854	0.0155428	0.1796045	-9.2123419
5925000000	1.675516082	-2.460914245	-8.634141975	-9.589443	-18.1480486	-17.194055568	0.1369575	0.1099147	0.0153178	0.1908071	-9.4596467
5925000000	1.675516082	-2.408554368	-9.656180596	-11.42753438	-17.1579589	-7.398976705	0.1082385	0.0719856	0.0174599	0.182013	-10.226228
5925000000	1.675516082	-2.35619449	-10.59298944	-11.06472378	-16.58537123	-7.041016463	0.0872371	0.0782578	0.0219514	0.1976507	-10.164899
5925000000	1.675516082	-2.303834613	-11.00015931	-8.270871804	-14.69217561	-6.140434099	0.0794299	0.1489062	0.0339455	0.2431961	-9.9835796
5925000000	1.675516082	-2.251474735	-10.25381151	-6.491226647	-12.38457185	-5.533380118	0.0943233	0.2243248	0.0577487	0.2796808	-7.8510507
5925000000	1.675516082	-2.199114858	-8.911179684	-6.080668965	-10.82457244	-5.581112033	0.1284938	0.246566	0.0827071	0.2766233	-7.3613316
5925000000	1.675516082	-2.14675498	-8.03157661	-6.609817771	-10.575298254	-5.935298254	0.1573412	0.2182822	0.0875933	0.2549589	-7.4582832
5925000000	1.675516082	-2.094395102	-7.670991779	-7.413160276	-11.32927403	-5.743623089	0.1709625	0.1814195	0.073633	0.2664635	-7.7165371
5925000000	1.675516082	-2.042035225	-7.436482167	-7.550621831	-11.38201242	-4.815857474	0.1804479	0.1757672	0.0727443	0.3299243	-7.2688442
5925000000	1.675516082	-1.989675347	-7.24725128	-6.898693063	-9.816217762	-3.895591455	0.1884842	0.2042352	0.1043226	0.407794	-6.4549021
5925000000	1.675516082	-1.93731547	-7.1964803	-6.211845454	-8.283777998	-3.440893677	0.1907006	0.2392299	0.1483413	0.4528044	-5.8876923
5925000000	1.675516082	-1.884955592	-7.177662356	-5.788756189	-7.561763679	-3.415521849	0.1915287	0.2637087	0.1753168	0.4554575	-5.6622553
5925000000	1.675516082	-1.832595715	-6.841365524	-5.498061211	-7.157095725	-3.569310153	0.2069491	0.2819641	0.1924378	0.4396114	-5.5246892
5925000000	1.675516082	-1.780235837	-5.837689961	-5.14958012	-6.218038696	-3.695248654	0.260754	0.3055216	0.238889	0.4270645	-5.137487
5925000000	1.675516082	-1.72787596	-4.520022717	-4.7002339	-4.966808512	-3.794481306	0.3531813	0.3388259	0.3186538	0.4713994	-4.4731338
5925000000	1.675516082	-1.675516082	-3.521883111	-4.300215791	-4.144628815	-3.969938873	0.4444385	0.3715168	0.3850677	0.4008724	-3.9742585
5925000000	1.675516082	-1.623156204	-2.924855896	-4.019868157	-3.74222313	-4.236546439	0.5099345	0.3962091	0.4224523	0.3770035	-3.7016234
5925000000	1.675516082	-1.570796327	-2.357962819	-3.746087824	-3.148347857	-4.45397968	0.5810369	0.4227065	0.4843566	0.3589392	-3.381342
5925000000	1.675516082	-1.518436449	-1.536357632	-3.362472792	-2.048002352	-4.381449041	0.7020438	0.461055	0.6240218	0.3646323	-2.6926759
5925000000	1.675516082	-1.466076572	-1.466076572	-2.881691986	-3.973788667	-3.92754074	0.8662835	0.515028	0.8057704	0.4048051	-1.8844394
5925000000	1.675516082	-1.413716694	-1.413716694	-2.47613769	-3.365137885	-3.293442122	0.9977429	0.5654396	0.9193613	0.4684442	-1.3209287
5925000000	1.675516082	-1.361356817	0.080750457	-2.325368902	-3.034407395	-2.735879505	1.0187674	0.585414	0.9258897	0.5326134	-1.159573
5925000000	1.675516082	-1.30896939	-0.202054259	-2.389469942	-0.304154323	-2.337518424	0.954541	0.5768369	0.932362	0.5837786	-1.1811365
5925000000	1.675516082	-1									

5925000000	1.675516082	1.151917306	-0.72356193	1.595216832	1.298448682	2.666092662	0.8465328	1.4438487	1.3484811	1.8476056	1.3723288
5925000000	1.675516082	1.204277184	-1.282676992	0.800192256	0.840554067	2.428495187	0.7442731	1.2023177	1.2135437	1.7492405	0.889662
5925000000	1.675516082	1.256637061	-1.814368407	-0.065359437	0.506346897	1.834253564	0.6585112	0.9850631	1.1236594	1.5255462	0.3067863
5925000000	1.675516082	1.308996939	-2.077075258	-0.669773595	0.377610096	1.010094822	0.6198584	0.8570825	1.0908399	1.2618551	-0.1890251
5925000000	1.675516082	1.361356817	-2.13991878	-1.223424846	0.198201175	-0.022153877	0.6109535	0.7544497	1.0466949	0.9949119	-0.6968058
5925000000	1.675516082	1.413716694	-2.281123301	-1.96151719	-0.294636398	1.438683058	0.5914086	0.6365731	0.9344076	0.718012	-1.4260699
5925000000	1.675516082	1.466076572	-2.690631156	-2.527559097	-0.17655702	-3.531782248	0.5381916	0.5587842	0.7804885	0.4434266	-2.3641272
5925000000	1.675516082	1.518436449	-3.294973376	-2.400989759	-1.906074536	-6.504022094	0.4682768	0.5753088	0.6447518	0.2236649	-3.2057158
5925000000	1.675516082	1.570796327	-3.826905675	-1.841572131	-2.695590477	-10.0791827	0.4142948	0.6543992	0.5375773	0.0981933	-3.70472
5925000000	1.675516082	1.623156204	-4.090144505	-1.450880609	-0.687657356	-12.7817486	0.389929	0.7159982	0.4297664	0.0527018	-4.0110137
5925000000	1.675516082	1.675516082	-4.238167787	-1.355558493	-4.97975257	-12.88488245	0.3768628	0.7318872	0.3177055	0.051465	-4.3240894
5925000000	1.675516082	1.72787596	-4.652631508	-1.229103938	-6.084388948	-10.53267422	0.3425602	0.753511	0.2463548	0.088457	-4.4645584
5925000000	1.675516082	1.780235837	-5.515489025	-0.86298583	-6.138261078	-7.398575842	0.2808349	0.8197877	0.2433178	0.1820298	-4.1851393
5925000000	1.675516082	1.832595715	-6.510691999	-0.533883259	-5.890623727	-5.007549703	0.2233216	0.8843245	0.2575951	0.3156785	-3.76513
5925000000	1.675516082	1.884955592	-7.01272378	-0.628976111	-6.471002749	-3.810604586	0.1989425	0.8651719	0.2253719	0.4158527	-3.7024927
5925000000	1.675516082	1.93731547	-7.118586155	-1.302619368	-8.047888734	-3.770023152	0.1941518	0.7408633	0.1567513	0.4197567	-4.2264521
5925000000	1.675516082	1.989675347	-7.676858709	-2.450861313	-9.852545751	-6.480699832	0.1707317	0.5687401	0.1034536	0.3403533	-5.2897294
5925000000	1.675516082	2.042035225	-9.070733757	-3.881361689	-10.72965973	-6.191978613	0.1238587	0.4091324	0.0845345	0.2403268	-6.6864744
5925000000	1.675516082	2.094395102	-10.43622182	-5.616667507	-11.1005282	-7.770717103	0.0904436	0.2743679	0.0776153	0.1671025	-8.1706546
5925000000	1.675516082	2.14675498	-12.67797561	-7.947641964	-12.16659492	-9.010621501	0.0855465	0.1604116	0.0607212	0.125585	-9.6631053
5925000000	1.675516082	2.199114858	-10.92744118	-11.05590355	-14.04358533	-10.04665368	0.0807711	0.0784169	0.0394132	0.0989315	-11.285253
5925000000	1.675516082	2.251474735	-11.94416383	-14.13129165	-15.09471644	-10.932783	0.0639122	0.0386252	0.0309406	0.0806718	-12.713424
5925000000	1.675516082	2.303834613	-12.27134192	-12.27134192	-14.18478846	-11.37852884	0.0592742	0.0303894	0.0381576	0.0728026	-12.996775
5925000000	1.675516082	2.35619449	-11.25083753	-13.79926623	-13.1823104	-11.45835594	0.074975	0.041694	0.0480584	0.0714767	-12.287728
5925000000	1.675516082	2.408554368	-10.66331105	-11.36313571	-13.19106317	-10.93795239	0.0858359	0.0730611	0.0487634	0.0805758	-11.423114
5925000000	1.675516082	2.460914245	-10.98811012	-9.755931378	-13.68523302	-9.712306945	0.0796506	0.1057808	0.0428032	0.1068487	-10.769071
5925000000	1.675516082	2.513274123	-11.17409147	-9.652025751	-13.73167645	-8.996771192	0.0763117	0.1083421	0.0423479	0.1259862	-10.543002
5925000000	1.675516082	2.565634	-10.67798008	-10.72353536	-13.10923696	-9.77590225	0.0855464	0.0846538	0.0488738	0.1052061	-10.911396
5925000000	1.675516082	2.617993878	-10.48797829	-12.13760139	-13.29643696	-12.07479937	0.0893721	0.061128	0.0468119	0.0620183	-11.882076
5925000000	1.675516082	2.67033756	-10.92228836	-13.28658554	-15.09329426	-13.36983754	0.080867	0.0469182	0.0309507	0.0460274	-12.908079
5925000000	1.675516082	2.722713633	-11.39225079	-14.387082196	-17.148047857	-11.48047857	0.072573	0.036416	0.0198633	0.0711135	-13.011043
5925000000	1.675516082	2.775073511	-11.1636832	-16.02070477	-16.42872993	-9.707289643	0.0764948	0.0429994	0.0227576	0.1069722	-12.380271
5925000000	1.675516082	2.827433388	-9.907066415	-18.47161137	-15.97273103	-9.16723103	0.1021629	0.014218	0.025278	0.121137	-11.824413
5925000000	1.675516082	2.879793266	-8.798732068	-19.92804329	-17.13973223	-9.838926278	0.1318642	0.0101671	0.0193209	0.1037785	-11.786001
5925000000	1.675516082	2.932153143	-9.110878621	-17.51665161	-19.29147988	-11.69113222	0.1227191	0.0177147	0.011772	0.0677465	-12.597313
5925000000	1.675516082	2.984513021	-11.16537484	-15.54718138	-21.2792925	-14.44040801	0.076465	0.0278793	0.0074486	0.0397916	-14.3249
5925000000	1.675516082	3.036872899	-13.96411315	-16.47623106	-21.5643767	-17.04691881	0.040141	0.0225101	0.0069753	0.0197382	-16.508943
5925000000	1.675516082	3.089232766	-15.39323868	-20.96060618	-20.75090256	-18.63386161	0.0288853	0.0085298	0.0084122	0.0136966	-18.273686
5925000000	1.675516082	3.141592654	-17.25575595	-20.41820024	-22.12442606	-18.283403	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.72787596	-3.141592654	-17.25575585	-20.41819996	-22.12442611	-18.2834032	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.72787596	-3.089232776	-23.05515924	-16.52193391	-25.79845544	-15.39908452	0.0049486	0.022744	0.0026312	0.0288464	-18.334171
5925000000	1.72787596	-3.036872899	-20.45217218	-13.60647247	-21.04796541	-12.60943032	0.0090112	0.0435866	0.007856	0.0548349	-15.407372
5925000000	1.72787596	-2.984513021	-14.91291709	-11.01884028	-17.71766933	-10.7799018	0.0322633	0.079089	0.0169135	0.0835622	-12.760768
5925000000	1.72787596	-2.932153143	-13.80392284	-9.771886225	-17.32440106	-10.00680724	0.0416493	0.1053929	0.0185165	0.0998344	-11.781556
5925000000	1.72787596	-2.879793266	-15.60025824	-10.41932613	-16.65612104	-10.26417709	0.0275406	0.0907961	0.0215967	0.0940984	-12.372849
5925000000	1.72787596	-2.827433388	-16.39832464	-11.73588503	-14.77444552	-11.08024583	0.0229175	0.067052	0.0333085	0.0779786	-12.983099
5925000000	1.72787596	-2.775073511	-12.80644592	-10.53542031	-14.27978108	-11.81452677	0.0524029	0.0884012	0.0373269	0.0658487	-12.147063
5925000000	1.72787596	-2.722713633	-10.01669924	-8.853517598	-15.70866667	-12.65936091	0.0996162	0.1302112	0.0268617	0.0542081	-11.094433
5925000000	1.72787596	-2.670353756	-8.727078932	-8.9303382	-17.60046198	-12.95435409	0.1340578	0.1279282	0.0173762	0.0506483	-10.535324
5925000000	1.72787596	-2.617993878	-8.136375646	-10.38152318	-18.1699043	-10.76504126	0.1535898	0.0915899	0.0152409	0.0838486	-10.651618
5925000000	1.72787596	-2.565634	-7.662007645	-10.82148427	-18.7677945	-8.77376463	0.1713165	0.0827659	0.013281	0.0512471	-9.7931712
5925000000	1.72787596	-2.513274123	-7.647226421	-9.663416723	-19.68578185	-8.659327671	0.1719006	0.1080583	0.0107503	0.2060949	-9.0584777
5925000000	1.72787596	-2.460914245	-6.585855237	-9.455753628	-19.39399517	-6.790606421	0.1361866	0.1133508	0.0114974	0.209382	-9.295771
5925000000	1.72787596	-2.408554368	-10.53081471	-11.12780409	-18.42567963	-7.270441169	0.088495	0.0771293	0.0143692	0.1874804	-10.368335
5925000000	1.72787596	-2.35619449	-11.9279461	-12.56394769	-17.18752496	-7.140108997	0.0641513	0.0554122	0.0191094	0.193192	-10.810987
5925000000	1.72787596	-2.303834613	-11.64509959	-10.00054489	-14.94031616	-6.232223138	0.0684684	0.0999875	0.0320604	0.23811	-9.599654
5925000000	1.72787596	-2.251474735	-9.996913095	-7.411496574	-12.40488898	-5.512888881	0.1000711	0.181489	0.0574793	0.2810031	-8.0963855
5925000000	1.72787596	-2.199114858	-7.973291899	-6.211073547	-10.74892268	-5.445407205	0.159467	0.2392724	0.0841604	0.2854277	-7.1651392
5925000000	1.72787596	-2.14675498	-6.505901298	-5.93681414	-10.39728662	-5.645401597	0.2235681	0.2548699	0.0912581	0.2725586	-6.7661655
5925000000	1.72787596	-2.094395102	-5.833014104	-6.002370142	-10.98665576	-5.257050811	0.2610349	0.2510516	0.0796773	0.298054	-6.5275893
5925000000	1.72787596	-2.042035225	-5.771963886	-5.995191258	-10.98426493	-4.236676455	0.2647303	0.2514669	0.0797211	0.3769922	-6.1398709
5925000000	1.72787596	-1.989675347	-6.082014034	-5.925132863	-9.592458697	-3.370629609	0.2464896	0.2555564	0.1098384	0.4601899	-5.7183514
5925000000	1.72787596	-1.93731547	-6.519268056	-5.882738075	-8.194361556	-3.071546182	0.2228811	0.2580633	0.1515528	0.4929983	-5.5071628
5925000000	1.72787596	-1.884955592	-6.763647965	-5.685848552	-7.455004596	-3.258416683	0.2106858	0.2700319	0.1796799	0.4722352	-5.479708
5925000000	1.72787596	-1.832595715	-6.448757864	-5.212423239	-6.892306941	-3.590541078	0.2265292	0.301244	0.2045358	0.4374676	-5.3396807
5925000000	1.72787596	-1.780235837	-5.411439225	-4.62373702	-5.742377552	-3.754946775	0.2876445	0.3448469	0.2619783	0.4221265	-4.8290771
5925000000	1.72787596	-1.72787596	-4.145819604	-4.17311309	-4.580751596	-3.760614608	0.3849622	0.3825504	0.348277	0.4206671	-4.1553966
5925000000	1.72787596	-1.675516082	-3.354495362	-3.955491012							

5925000000	1.72787596	0.733038286	-4.796619086	1.287026923	-0.096235677	-0.438281984	0.331389	1.3449393	0.9780846	0.904007	-0.5080279
5925000000	1.72787596	0.785398163	-4.850486431	1.738278255	0.848340572	0.330574465	0.327304	1.4922027	1.2157214	1.0790894	0.1232787
5925000000	1.72787596	0.837758041	-5.326529147	1.47657238	1.198114201	1.139212563	0.2933237	1.4049383	1.3176844	1.2999339	0.3300939
5925000000	1.72787596	0.890117919	-5.395909984	0.613178071	1.073827437	1.44233876	0.2886749	1.1516248	1.2805093	1.3939702	0.122818
5925000000	1.72787596	0.942477796	-4.392696461	-0.338413835	0.898861287	1.316494283	0.3636892	0.925036	1.2299462	1.3540959	-0.1403859
5925000000	1.72787596	0.994837654	-2.904211421	-0.458590293	1.023570371	1.344014768	0.5123643	0.8997896	1.2657765	1.3627038	0.0438955
5925000000	1.72787596	1.047197551	-1.761458853	0.313638684	1.963005472	1.963005472	0.6665828	1.0748896	1.3602215	1.5714499	0.6754916
5925000000	1.72787596	1.099557429	-1.260493919	1.05505922	1.458055038	2.812870384	0.7480844	1.2749875	1.3989607	1.911116	1.2492369
5925000000	1.72787596	1.151917306	-1.347219974	1.205953029	1.212093401	3.362950185	0.7332938	1.320065	1.3219327	2.1691771	1.4179993
5925000000	1.72787596	1.204277184	-1.768742551	0.739787848	0.770618628	3.454218879	0.6654658	1.1855991	1.1941582	2.2152456	1.1896445
5925000000	1.72787596	1.256637061	-2.172270405	-0.043488945	0.451761588	3.189993671	0.6064192	0.9900363	1.1096248	2.0844878	0.7832703
5925000000	1.72787596	1.308996939	-2.326506455	-0.794690591	0.332579981	2.705688324	0.5852607	0.8327813	1.0795879	1.8645277	0.3764135
5925000000	1.72787596	1.361356817	-2.325565336	-1.538033639	0.14887877	1.979220635	0.5853878	0.701773	1.0348747	1.5773282	-0.1106625
5925000000	1.72787596	1.413716694	-2.447890475	-2.466899215	-0.364919397	0.799253876	0.5691293	0.5666437	0.9194075	1.2020579	-0.8921044
5925000000	1.72787596	1.466076572	-2.846544729	-3.217179977	-1.178341507	-1.095740066	0.519213	0.4767405	0.7623701	0.7770089	-1.9802508
5925000000	1.72787596	1.518436449	-3.415902818	-2.969310054	-2.03634207	-3.834224231	0.4554175	0.5047415	0.6256995	0.4135972	-3.0114822
5925000000	1.72787596	1.570796327	-3.866402042	-1.997905584	-2.85016607	-0.705227153	0.4105441	0.6312617	0.5187802	0.1960999	-3.7635689
5925000000	1.72787596	1.623156204	-4.035808445	-1.277915336	-3.866027775	-9.296852546	0.3948382	0.7450895	0.4105251	0.1175749	-3.7985671
5925000000	1.72787596	1.675516082	-4.188324684	-1.090501334	-5.277711266	-8.863421418	0.3812129	0.7779467	0.2963694	0.1299146	-4.0183524
5925000000	1.72787596	1.72787596	-4.742727943	-1.056734477	-6.499305556	-6.642099446	0.3355268	0.7840189	0.2239079	0.2166656	-4.0890218
5925000000	1.72787596	1.780235837	-5.760879071	-0.743240594	-6.519852146	-4.161842423	0.2654068	0.8427057	0.2228511	0.3835445	-3.6792044
5925000000	1.72787596	1.832595715	-6.66143021	-0.318419499	-6.163259576	-2.370099337	0.2157034	0.9239045	0.2419213	0.5794154	-3.0840036
5925000000	1.72787596	1.884955592	-6.738948618	-0.304472833	-6.704565004	-1.655789697	0.2118874	0.9322936	0.2135716	0.6830005	-2.9226952
5925000000	1.72787596	1.93731547	-6.452498768	-0.977110365	-8.36297195	-2.067401815	0.2263342	0.7985258	0.1457816	0.6212406	-3.4875054
5925000000	1.72787596	1.989675347	-6.739391991	-2.185253065	-10.3981666	-3.376836014	0.2118658	0.6046091	0.0912396	0.495327	-4.6621296
5925000000	1.72787596	2.042035225	-7.759977669	-3.51387036	-11.40866893	-4.919069571	0.1674951	0.4452593	0.0722991	0.3221759	-5.9893158
5925000000	1.72787596	2.094395102	-8.634030952	-4.873814217	-11.61317368	-5.892730217	0.136961	0.3255507	0.0689736	0.2574702	-7.0070073
5925000000	1.72787596	2.14675485	-8.817482469	-6.800091038	-12.46868562	-6.538546251	0.1312961	0.2089252	0.0566411	0.2218939	-8.1054037
5925000000	1.72787596	2.199114858	-9.353242818	-9.964251496	-14.34260998	-7.520258369	0.1160582	0.1008265	0.0367908	0.1770004	-9.6790947
5925000000	1.72787596	2.251474735	-10.65272834	-14.311213895	-15.71159326	-8.401506337	0.0860453	0.0370575	0.0268436	0.1444939	-11.330628
5925000000	1.72787596	2.303834613	-11.13288736	-16.35530722	-14.97458687	-8.593744231	0.0770391	0.0231456	0.0318084	0.1382374	-11.703256
5925000000	1.72787596	2.35619449	-10.0939863	-13.91222966	-13.99099867	-9.303727664	0.0978591	0.0406235	0.0398933	0.1177389	-11.311134
5925000000	1.72787596	2.408554368	-9.456737139	-10.88668936	-13.91390899	-11.33122108	0.1133251	0.0815326	0.0406154	0.0772575	-11.31842
5925000000	1.72787596	2.460914245	-9.912158124	-9.223030515	-14.30965601	-11.78288236	0.1020432	0.1195906	0.037071	0.0663303	-10.901298
5925000000	1.72787596	2.513274123	-10.68002698	-9.342426176	-14.00518111	-9.433367763	0.0855061	0.1163476	0.0397363	0.1139366	-10.5115549
5925000000	1.72787596	2.565634	-10.79001967	-10.85429458	-13.06482945	-8.503207125	0.0833677	0.082143	0.0493762	0.1411495	-10.150565
5925000000	1.72787596	2.617993878	-10.66251144	-12.67978851	-12.93404812	-9.501865426	0.0858517	0.0395357	0.0508856	0.1215337	-11.2084
5925000000	1.72787596	2.678035102	-10.70366593	-14.05328228	-14.90346484	-10.79137372	0.085042	0.0393253	0.0363024	0.0833418	-12.146498
5925000000	1.72787596	2.722713633	-10.68607936	-15.41942011	-16.70352096	-10.22909821	0.0853871	0.0287116	0.0213623	0.0948615	-12.397236
5925000000	1.72787596	2.775073511	-10.2924315	-16.85631982	-17.11949287	-9.326043313	0.0934882	0.0206238	0.0194111	0.1167873	-12.035811
5925000000	1.72787596	2.827433388	-9.296287056	-18.0789687	-16.84126409	-9.365208461	0.1175902	0.0155634	0.0206954	0.1157388	-11.713597
5925000000	1.72787596	2.879793266	-8.517715701	-19.55846913	-18.1473068	-10.2944276	0.1406787	0.0110701	0.0153204	0.0934453	-11.862281
5925000000	1.72787596	2.932153143	-9.022276756	-19.05155141	-20.69821725	-11.98621084	0.1252484	0.0124407	0.0085149	0.0632969	-12.808751
5925000000	1.72787596	2.984513021	-11.1484319	-16.74891897	-22.31742812	-14.34162064	0.0767639	0.0212402	0.0058649	0.0637992	-14.541734
5925000000	1.72787596	3.036872899	-14.00376066	-16.96181326	-16.64868294	-16.81090179	0.0397763	0.0201288	0.0068412	0.0208406	-16.59621
5925000000	1.72787596	3.089232776	-15.49508953	-20.539437	-20.70382816	-18.63392799	0.0282157	0.0088319	0.0085054	0.0136964	-18.293751
5925000000	1.72787596	3.141592654	-17.25575585	-20.41819996	-22.12442611	-18.2834032	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.780235837	-3.141592654	-17.25575601	-20.41819982	-22.12442664	-18.28340302	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.780235837	-3.089232776	-22.71628334	-16.71232901	-25.6292447	-15.7399923	0.0053502	0.021319	0.0027357	0.0289735	-18.358073
5925000000	1.780235837	-3.036872899	-20.55019457	-13.90588768	-20.91765505	-12.68026709	0.0088101	0.0406828	0.0080953	0.0539477	-15.464449
5925000000	1.780235837	-2.984513021	-14.89383979	-11.32795585	-17.70816527	-10.96060797	0.0324053	0.0736554	0.0169505	0.0039662	-12.942051
5925000000	1.780235837	-2.932153143	-13.49679649	-10.03631851	-17.38539786	-10.39651349	0.0447013	0.0991672	0.0182583	0.0912743	-11.982514
5925000000	1.780235837	-2.879793266	-15.17604946	-10.68147385	-16.57520867	-10.95738406	0.0303665	0.0854777	0.0220038	0.0126471	-12.634705
5925000000	1.780235837	-2.827433388	-18.51144564	-12.16652224	-14.59130599	-11.86220282	0.0140882	0.0607222	0.0347432	0.0651298	-13.598084
5925000000	1.780235837	-2.775073511	-11.07306223	-11.05306223	-14.1176714	-12.24810301	0.0235559	0.0784682	0.0387471	0.0595922	-13.002415
5925000000	1.780235837	-2.722713633	-12.54815457	-9.189292856	-15.51231641	-12.6564246	0.0556141	0.1205232	0.028104	0.0542447	-11.896229
5925000000	1.780235837	-2.670353756	-10.46027077	-9.070035864	-17.21337333	-12.37752945	0.0899442	0.1238786	0.0189965	0.0578425	-11.386721
5925000000	1.780235837	-2.617993878	-9.014510318	-10.6821353	-17.88560415	-9.980523972	0.1254726	0.0854646	0.0162725	0.1004495	-10.866376
5925000000	1.780235837	-2.565634	-7.679292418	-12.07269745	-19.04324621	-7.578970493	0.170636	0.0620484	0.012464	0.1746236	-9.7904653
5925000000	1.780235837	-2.513274123	-7.021056377	-10.77235094	-20.55211455	-6.430736135	0.1985612	0.0837076	0.0088062	0.2274712	-8.8727256
5925000000	1.780235837	-2.460914245	-7.709831491	-9.51577323	-20.05667208	-6.489406548	0.1694404	0.1117951	0.0098705	0.2244189	-8.9891048
5925000000	1.780235837	-2.408554368	-9.997338114	-10.13655934	-18.78873705	-7.144584978	0.1000613	0.0969045	0.0132168	0.192993	-9.8656574
5925000000	1.780235837	-2.35619449	-13.08859767	-12.04354495	-17.35497911	-7.155896081	0.0491066	0.0624663	0.0183866	0.192491	-10.935969
5925000000	1.780235837	-2.303834613	-13.31018974	-11.42536508	-14.85165096	-6.109252671	0.0466639	0.0720217	0.0327216	0.2449485	-10.397497
5925000000	1.780235837	-2.251474735	-10.45706559	-8.783106228	-12.23165421	-5.098480697	0.0900106	0.1323395	0.0598184	0.3091377	-8.3024768
5925000000	1.780235837	-2.199114858	-7.786725367	-7.020382433	-10.58416201	-4.748939467	0.1664667	0.198592	0.0874146	0.3030472	-7.057981
5925000000	1.780235837	-2.14675485	-6.188928506	-6.097356078	-10.19535555	-3.76236956	0.2404956	0.2456204	0.0955975	0.3334781	-6.4054799
5925000000	1.780235837	-2.094395102	-5.721078632	-5.43670							

5925000000	1.780235837	0.314159265	-8.697644629	-3.933292247	-4.635669652	-5.292223355	0.1349695	0.4042693	0.3439007	0.2956499	-5.306238
5925000000	1.780235837	0.366519143	-8.3591974	-2.446492568	-4.461896762	-4.880028904	0.1459084	0.5693125	0.3579401	0.3250851	-4.564673
5925000000	1.780235837	0.41887902	-8.240888539	-1.51366381	-3.784331329	-3.784331329	0.1499378	0.757219	0.3706411	0.4183761	-8.759974
5925000000	1.780235837	0.471238898	-8.310557436	-1.288704981	-3.880761001	-2.218996375	0.1475517	0.7432407	0.409189	0.5999297	-3.232671
5925000000	1.780235837	0.523598776	-8.408351559	-1.729970264	-3.887296378	-0.886823869	0.1442663	0.6714335	0.4691053	0.8153003	-2.798189
5925000000	1.780235837	0.575958653	-8.025851764	-2.270224614	-2.746122909	-0.302300523	0.1575487	0.5928947	0.5313586	0.9327601	-2.5677214
5925000000	1.780235837	0.628318531	-6.849512709	-1.740191667	-2.112522942	-0.494755166	0.2065612	0.669855	0.6148196	0.9237229	-2.483322
5925000000	1.780235837	0.680678408	-5.471510819	-0.143662854	-1.127737138	-0.825813897	0.2836932	0.9674616	0.7713052	0.8268345	-1.4732265
5925000000	1.780235837	0.73038286	-4.608324926	1.334628947	0.033429142	-0.244227384	0.3460728	1.359762	1.007727	0.9453166	-0.3871201
5925000000	1.780235837	0.783598163	-4.511460909	2.088522882	0.891440146	1.043117368	0.3538783	1.6175298	1.2278463	1.2714865	-0.483195
5925000000	1.780235837	0.837758041	-5.030993363	2.012418908	1.168798885	1.954648984	0.313979	1.5894318	1.3088199	1.5684291	0.7742785
5925000000	1.780235837	0.890117919	-5.551985679	1.176050839	0.984952823	2.015564312	0.2784848	1.3110072	1.2545711	1.5905833	-0.4479901
5925000000	1.780235837	0.942477796	-5.276292938	-0.144477999	0.771699056	1.424355003	0.2967363	0.96728	1.1944553	1.3881471	-0.1698085
5925000000	1.780235837	0.994837674	-4.349815443	-1.227885127	0.89304206	1.088682865	0.3672979	0.7537225	1.2300717	1.2848969	-0.4143743
5925000000	1.780235837	1.047197551	-3.51753474	-1.274674832	1.250808144	1.849579164	0.4448837	0.7456457	1.3337696	1.5309391	0.0595637
5925000000	1.780235837	1.099557429	-3.112928456	-0.62388895	1.419292288	3.093838008	0.488323	0.8661859	1.3865299	2.0388431	0.7735717
5925000000	1.780235837	1.151917306	-3.093900833	-0.141711221	1.207172374	3.990123181	0.4904671	0.9678964	1.3204356	2.5061803	1.2098332
5925000000	1.780235837	1.204277184	-3.234928172	-0.155117442	0.780278988	4.367592188	0.4747961	0.9649132	1.1968174	2.7337527	1.2793689
5925000000	1.780235837	1.256637061	-3.259199776	-0.504802666	0.458569171	4.381252397	0.47215	0.8902659	1.1113655	2.7423649	1.1528977
5925000000	1.780235837	1.308996939	-3.095023151	-0.907579039	0.324702704	4.176646758	0.4903404	0.8814133	1.0776315	2.6161623	0.9652309
5925000000	1.780235837	1.361356817	-2.957560649	-1.360463988	0.118709534	3.704988936	0.5061089	0.731061	1.0277109	2.3469233	0.6181085
5925000000	1.780235837	1.413716694	-3.069840913	-2.072056611	-0.427081731	2.758093205	0.4931919	0.6205751	0.9063414	1.8871626	-0.1018646
5925000000	1.780235837	1.466076572	-3.450249623	-2.891093424	-1.141466211	1.141466211	0.45183	0.5139142	0.7434336	1.3006086	-1.2352432
5925000000	1.780235837	1.518436449	-3.898474631	-3.019938682	-2.205425587	-1.158144339	0.4075234	0.4988915	0.6018073	0.7659238	-2.4524165
5925000000	1.780235837	1.570796327	-4.110169931	-2.232151477	-3.08300987	-3.764710053	0.3881352	0.5981152	0.4916986	0.4027006	-3.2371353
5925000000	1.780235837	1.623156204	-4.037370437	-1.462501006	-4.165816165	-4.514535758	0.3946962	0.714085	0.3831937	0.2620925	-3.580137
5925000000	1.780235837	1.67516082	-4.08986614	-1.268767887	-5.642504659	-6.551440989	0.389954	0.7466066	0.2727404	0.2212361	-3.8971493
5925000000	1.780235837	1.72787596	-4.679330952	-1.446584744	-6.864156067	-5.616274988	0.3404606	0.7167064	0.2508659	0.2743927	-4.152659
5925000000	1.780235837	1.780235837	-5.698294841	-1.457250071	-6.768371199	-3.518412024	0.2692592	0.7149489	0.2104584	0.4447939	-3.8735907
5925000000	1.780235837	1.832595715	-6.339191733	-1.20668703	-6.329535645	-1.633503784	0.2323169	0.7574105	0.232834	0.6865144	-3.2126683
5925000000	1.780235837	1.884955592	-6.049070272	-1.260115233	-6.27955617	-0.714783255	0.2483665	0.7481496	0.2054478	0.8482457	-2.9026173
5925000000	1.780235837	1.93731547	-5.570576625	-2.099164786	-8.609436778	-0.835186335	0.2772952	0.6167136	0.1377388	0.8205052	-3.329494
5925000000	1.780235837	1.989675347	-5.71700907	-3.657610823	-10.82126494	-1.624056469	0.2681014	0.4307635	0.0827701	0.6880094	-4.3484773
5925000000	1.780235837	2.042035225	-6.512976971	-5.273326455	-11.98575962	-2.346833743	0.2232042	0.2969391	0.063303	0.5825278	-5.3537114
5925000000	1.780235837	2.094395102	-7.251586951	-6.489615572	-12.13408196	-2.678896914	0.1882961	0.2244081	0.0611775	0.5396477	-5.9623677
5925000000	1.780235837	2.14675498	-7.641339938	-7.998977376	-12.86754054	-3.279487378	0.1721337	0.1585266	0.0516709	0.4699496	-6.7147726
5925000000	1.780235837	2.199114858	-8.460315588	-10.58996891	-14.74798061	-4.734739569	0.1425504	0.0872978	0.0335121	0.3361445	-8.2426732
5925000000	1.780235837	2.251474735	-9.78006467	-13.11535643	-16.49550686	-6.456668687	0.1051946	0.048805	0.0224127	0.226117	-9.9726251
5925000000	1.780235837	2.303834613	-9.946407931	-12.52165731	-16.1660607	-7.074792973	0.1012416	0.0595944	0.0241765	0.1961195	-10.251522
5925000000	1.780235837	2.35619449	-8.862626444	-10.46379315	-15.29106017	-7.786791143	0.1299384	0.0898712	0.0295729	0.1664642	-9.8312673
5925000000	1.780235837	2.40854368	-8.444052283	-8.504665552	-15.11726333	-10.76020142	0.1430852	0.1411021	0.0307804	0.0839421	-10.011853
5925000000	1.780235837	2.460914245	-9.280170774	-7.415973797	-15.13697824	-13.89959013	0.1180274	0.181302	0.0306409	0.0407419	-10.318323
5925000000	1.780235837	2.513274123	-10.62797931	-7.673187233	-14.39282982	-10.05574364	0.086537	0.1708761	0.0363678	0.0987247	-10.082142
5925000000	1.780235837	2.565634	-11.07456661	-8.983206957	-13.26103351	-7.907822862	0.0780806	0.1263803	0.0471951	0.1618891	-9.8535709
5925000000	1.780235837	2.617993873	-10.70500033	-10.50552735	-12.9754912	-8.281875085	0.0850159	0.0890117	0.0504024	0.1485294	-10.303985
5925000000	1.780235837	2.670353756	-10.25482751	-12.06473503	-14.16975026	-9.357817383	0.0943012	0.0621622	0.0382847	0.1115936	-11.09741
5925000000	1.780235837	2.722713633	-9.899241278	-14.33155154	-16.29887035	-9.140196298	0.1023472	0.0368846	0.0234484	0.1218935	-11.478654
5925000000	1.780235837	2.775073511	-9.522961422	-16.81646338	-17.11321239	-8.832516436	0.1116102	0.0208139	0.0194396	0.1308424	-11.507248
5925000000	1.780235837	2.827433388	-8.837406664	-17.86829564	-17.13625367	-9.5926349	0.1306951	0.0163369	0.0193364	0.1098391	-11.608327
5925000000	1.780235837	2.879793266	-8.362856795	-19.42712589	-18.78046251	-11.01860528	0.1457855	0.01141	0.013242	0.0709093	-12.049358
5925000000	1.780235837	2.932153143	-9.02329487	-20.87184054	-22.09409822	-12.55284432	0.1252191	0.0081812	0.0061743	0.055554	-13.117739
5925000000	1.780235837	2.984513021	-11.18961723	-18.01804802	-23.38344117	-14.38435284	0.0760393	0.0157832	0.0045883	0.0364389	-14.786993
5925000000	1.780235837	3.036878299	-14.075386	-17.35115635	-21.69956582	-16.62207895	0.0391256	0.0184028	0.0067615	0.0217667	-16.677275
5925000000	1.780235837	3.089232776	-15.60535288	-20.34176971	-20.65267048	-18.63933929	0.0275084	0.0092432	0.0080646	0.0136794	-18.309461
5925000000	1.780235837	3.141592654	-17.25575601	-20.41819982	-22.12442664	-18.28340302	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.832595715	3.141592654	-17.25575566	-20.41819973	-22.12442664	-18.28340322	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.832595715	3.089232776	-22.30506358	-16.91328824	-25.44624054	-15.37759593	0.0058816	0.020355	0.0028535	0.0289895	-18.380368
5925000000	1.832595715	3.036878299	-20.54519527	-14.21510412	-20.82934695	-12.78641214	0.0088202	0.0378869	0.0082616	0.0526452	-15.701912
5925000000	1.832595715	2.984513021	-14.8709569	-11.62459735	-17.75392929	-11.20759269	0.0325765	0.0687924	0.0167739	0.0572535	-13.145539
5925000000	1.832595715	2.932153143	-13.09134187	-10.25136531	-17.46522991	-10.91457737	0.0490756	0.0943764	0.0179257	0.0810107	-12.175481
5925000000	1.832595715	2.879793266	-14.03275032	-10.83049833	-16.43396807	-11.84374439	0.0395116	0.0825943	0.0227302	0.0654072	-12.793377
5925000000	1.832595715	2.827433388	-17.3395271	-12.43907862	-14.35967973	-12.69757907	0.1084522	0.0570285	0.0366552	0.0537331	-13.8242967
5925000000	1.832595715	2.775073511	-19.30261497	-11.58524289	-13.91903662	-12.47355224	0.0117419	0.0694186	0.0405598	0.0565776	-13.509136
5925000000	1.832595715	2.722713633	-15.61257474	-9.578579677	-15.20742381	-12.34139921	0.0274627	0.11019	0.0301479	0.0583185	-12.4777321
5925000000	1.832595715	2.670353756	-12.43921831	-9.070140121	-16.45420608	-11.59788968	0.0570267	0.1238757	0.0226245	0.0692167	-11.663054
5925000000	1.832595715	2.617993873	-9.874524153	-10.2740618	-16.88218186	-9.265805475	0.1029313	0.0938845	0.0205013	0.1184185	-10.760626
5925000000	1.832595715	2.565634	-7.561626281	-12.31004543	-18.22849212	-7.14056314	0.1753224	0.0587483	0.0150562	0.1931778	-9.5634435
5925000000	1.832595715	2.513									

5925000000	1.832595715	-0.104719755	-6.512377067	-12.01274812	-12.24306006	-10.89016298	0.223235	0.0629108	0.0596615	0.0814674	-9.7135287
5925000000	1.832595715	-0.052359878	-6.521790791	-12.62493043	-11.65802048	-10.1010471	0.2227516	0.0546395	0.068265	0.0977002	-9.5530709
5925000000	1.832595715	-4.44E-16	-6.963298717	-12.7776763	-11.03294136	-8.622648453	0.2012195	0.0575212	0.0788326	0.1373204	-9.2984779
5925000000	1.832595715	0.052359878	-8.103944667	-11.08791222	-12.46070458	-6.645929107	0.154741	0.0778411	0.0567453	0.2164747	-8.8007942
5925000000	1.832595715	0.104719755	-9.757716045	-9.122002019	-18.55610867	-5.16696598	0.1057373	0.1224052	0.0139441	0.3041098	-8.6471118
5925000000	1.832595715	0.157079633	-10.61770006	-8.00953179	-7.13438931	-4.616120025	0.0867421	0.1581417	0.0384292	0.3454522	-8.0357151
5925000000	1.832595715	0.20943951	-9.885955272	-7.356000513	-7.93342128	-4.783350668	0.1026608	0.183823	0.1609377	0.332403	-7.100631
5925000000	1.832595715	0.261799388	-8.876126438	-6.257027457	-5.384337039	-5.15649188	0.1295351	0.236754	0.2894452	0.3050358	-6.1944056
5925000000	1.832595715	0.314159265	-8.398959543	-4.501830696	-4.586444707	-5.266943756	0.1445786	0.3546639	0.3478208	0.2937375	-5.4346732
5925000000	1.832595715	0.366519143	-8.344258017	-2.680834554	-4.516836845	-4.829387566	0.1464112	0.359407	0.3534405	0.328898	-4.6592417
5925000000	1.832595715	0.41887902	-8.381658633	-1.316865843	-4.489420577	-3.640335684	0.1451557	0.7384369	0.3556788	0.4322116	-3.7895802
5925000000	1.832595715	0.471238898	-8.378426594	-0.691310724	-4.062669307	-2.072183264	0.1452638	0.8528427	0.3924037	0.620557	-2.9863342
5925000000	1.832595715	0.523598766	-8.33398129	-0.912097786	-3.321110436	-0.887263469	0.146758	0.8105694	0.4654671	0.8152178	-2.5219752
5925000000	1.832595715	0.575958653	-7.986076425	-1.707077012	-2.617000207	-0.54012601	0.1589983	0.6749822	0.5473939	0.8830543	-2.4710135
5925000000	1.832595715	0.628318531	-6.946406567	-1.91521058	-1.918346399	-0.922362291	0.2020037	0.6433969	0.6429325	0.8086559	-2.4090108
5925000000	1.832595715	0.686078408	-5.528190957	-0.605490585	-0.981470883	-1.071631384	0.2800147	0.8698632	0.7977245	0.7813342	-1.6606654
5925000000	1.832595715	0.733038286	-4.441235727	1.10617936	0.08963127	0.061638233	0.359647	1.2900838	0.2085288	1.0142939	-0.3563693
5925000000	1.832595715	0.785398163	-4.047572321	2.201946886	0.87632109	1.639485947	0.3937701	1.660331	1.2235536	1.4586416	0.7337888
5925000000	1.832595715	0.837758041	-4.33228324	2.478389785	1.108957565	2.50480132	0.3687837	1.7694528	1.2909094	1.7802465	1.1472770
5925000000	1.832595715	0.890117919	-4.957743519	2.06825136	0.89770657	2.307233601	0.3193197	1.5947129	1.296193	1.7010746	0.8320927
5925000000	1.832595715	0.942477796	-5.400862447	1.039419956	0.679125457	1.267541216	0.2883459	1.2704044	1.1692639	1.3389184	0.0720699
5925000000	1.832595715	0.994837674	-5.52089015	-0.187502422	0.839416179	0.499543421	0.2804859	0.9577447	1.2132257	1.1219005	-0.4898361
5925000000	1.832595715	1.047197551	-5.624250393	-1.208724471	1.251574813	1.300629282	0.2738892	0.7570552	1.3340062	1.3491584	-0.3220534
5925000000	1.832595715	1.099557429	-5.821148952	-1.635225096	1.479223954	2.803481838	0.261749	0.6862423	1.4057963	1.906989	0.7242878
5925000000	1.832595715	1.151917306	-5.908257737	-1.586144817	1.304658718	3.887753716	0.2565513	0.6904416	1.3504107	2.4477969	0.7452393
5925000000	1.832595715	1.204277184	-5.651618137	-1.479692763	0.884430448	4.411533444	0.2721687	0.7112638	1.258661	2.7615528	0.9437079
5925000000	1.832595715	1.256637061	-5.045883185	-1.471866083	0.54013223	4.599605776	0.3129044	0.7125468	1.1324348	2.8837697	1.005132
5925000000	1.832595715	1.308996939	-4.415968648	-1.468108817	0.367937679	4.607270228	0.3617455	0.7131635	1.0884131	2.8888635	1.0141931
5925000000	1.832595715	1.361356817	-4.125991849	-1.476894025	0.121229885	4.342861708	0.3867237	0.7117223	1.0283075	2.7182298	0.8329323
5925000000	1.832595715	1.413716694	-4.27491716	-1.685878438	-0.469053135	3.578851335	0.3736873	0.6782849	0.8976245	2.279739	0.2421216
5925000000	1.832595715	1.466076572	-4.679932311	-2.126804908	-1.391971192	2.152707427	0.3404135	0.6128081	0.7257855	2.6416228	-0.8084714
5925000000	1.832595715	1.518464946	-4.985286791	-2.377525057	-2.96526818	0.090810737	0.3173009	0.5784256	0.5759003	1.0221130	-2.0538006
5925000000	1.832595715	1.570796327	-4.8797186	-2.023413364	-3.70261465	-2.324136765	0.3251084	0.6275649	0.4602289	0.585801	-3.0135969
5925000000	1.832595715	1.623156204	-4.492744823	-1.462640972	-4.533779508	-4.754244017	0.3554066	0.714062	0.3520643	0.3346383	-3.5749314
5925000000	1.832595715	1.675516082	-4.366928326	-1.284330865	-6.023136808	-7.254600946	0.3658535	0.7439897	0.249854	0.1881655	-4.1232758
5925000000	1.832595715	1.72787596	-4.861260254	-1.571985178	-7.079134975	-8.632008058	0.3264931	0.6963082	0.1959334	0.1370248	-4.8937735
5925000000	1.832595715	1.780235837	-5.695218445	-1.956378221	-6.760499133	-6.075841648	0.26945	0.6373268	0.2108386	0.2468402	-4.6710061
5925000000	1.832595715	1.832595915	-5.985598196	-2.105214714	-6.267922971	-2.976615388	0.252023	0.6158551	0.2360629	0.5038932	-3.9581875
5925000000	1.832595715	1.884955592	-5.504151468	-2.337675382	-6.861691242	-1.249594734	0.281569	0.5837575	0.2059828	0.7499642	-3.4168484
5925000000	1.832595715	1.93731547	-5.077589076	-3.258217056	-6.890149305	-0.723328548	0.3106284	0.4722569	0.1352026	0.8465783	-3.5539731
5925000000	1.832595715	1.989675345	-5.295408847	-5.072266875	-11.04435537	-0.799840991	0.2954331	0.3110093	0.0786257	0.8317942	-4.2111385
5925000000	1.832595715	2.042053225	-6.087613124	-7.285282849	-0.84604062	-0.84604062	0.246172	0.1868408	0.057827	0.8229926	-4.8352001
5925000000	1.832595715	2.094395102	-6.855491561	-8.924763975	-12.56277103	-0.884571876	0.206277	0.1280925	0.0552552	0.8157232	-5.2094759
5925000000	1.832595715	2.14675498	-7.400223449	-10.00611831	-13.2327773	-1.577252158	0.1819607	0.0998592	0.0475031	0.6954627	-5.9142626
5925000000	1.832595715	2.199114858	-8.2846925	-10.89442821	-15.02809881	-3.41710742	0.1484331	0.0813874	0.0314188	0.4552912	-4.7468259
5925000000	1.832595715	2.251474735	-9.203510907	-10.50757191	-17.14114276	-5.843469675	0.1201293	0.0896968	0.0193146	0.2604072	-9.1291017
5925000000	1.832595715	2.303834613	-8.796298188	-9.090571763	-17.67976679	-6.740257988	0.1319381	0.1232943	0.0170617	0.2118235	-9.1710911
5925000000	1.832595715	2.35619449	-7.8130674	-7.753616142	-17.05519431	-7.056338734	0.1654601	0.1677407	0.0197007	0.1969546	-8.6181101
5925000000	1.832595715	2.408554368	-7.812304687	-6.5262491	-16.47933648	-9.579125757	0.1654892	0.2225208	0.022494	0.1101761	-8.8548907
5925000000	1.832595715	2.460914245	-9.157114346	-5.752748042	-15.83158068	-13.41605387	0.1214195	0.2659042	0.0261121	0.0455402	-9.4027001
5925000000	1.832595715	2.513274123	-10.94706072	-5.863601705	-14.7740957	-10.0819518	0.080407	0.2592029	0.0333112	0.0913917	-9.2899133
5925000000	1.832595715	2.565634	-11.26722136	-6.660112774	-13.72014859	-7.662419979	0.0746926	0.2157688	0.0424605	0.1713003	-8.9343799
5925000000	1.832595715	2.617993878	-10.44714627	-7.727390091	-13.64778069	-7.9048617	0.0902164	0.1687567	0.045001	0.1619996	-9.3696867
5925000000	1.832595715	2.670353756	-9.671204975	-9.327123328	-14.41491927	-8.833184446	0.1078647	0.1167583	0.0361833	0.1308222	-10.091857
5925000000	1.832595715	2.722713633	-9.210367852	-12.19112304	-15.93326168	-8.483376902	0.1199398	0.0603792	0.0255078	0.1417955	-10.609523
5925000000	1.832595715	2.775073511	-8.96144795	-16.20272691	-16.42793061	-8.40909863	0.1270151	0.0239733	0.0227618	0.1442415	-10.996443
5925000000	1.832595715	2.827433388	-8.574148957	-18.36862409	-16.7039819	-9.840061137	0.1388625	0.0145592	0.02136	0.1037514	-11.571831
5925000000	1.832595715	2.879793266	-8.352245117	-20.12765126	-18.82679279	-12.01192504	0.1461421	0.0097103	0.0131015	0.0629227	-12.368029
5925000000	1.832595715	2.932153143	-9.118993564	-23.42965061	-23.2766325	-13.39160074	0.12249	0.0045398	0.0047024	0.0457973	-13.527894
5925000000	1.832595715	2.984513021	-11.28864121	-19.21966093	-24.41041335	-14.54422022	0.0743252	0.0119683	0.0036221	0.0351219	-15.050198
5925000000	1.832595715	3.036872899	-14.17952424	-17.58895964	-21.70951653	-16.47957053	0.0381986	0.0174222	0.006746	0.0224928	-16.733587
5925000000	1.832595715	3.089232776	-15.72417105	-20.10235252	-20.59995253	-18.65207935	0.026766	0.0097671	0.0087097	0.0136939	-18.3207969
5925000000	1.832595715	3.141592654	-17.25575566	-20.41819973	-22.12442616	-18.28340322	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.884955592	-3.141592654	-17.25575582	-20.41819989	-22.1244265	-18.28340321	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	1.884955592	-3.089232776	-21.84157277	-17.12453762	-25.25148625	-15.39096431	0.006544	0.0193886	0.0029844	0.0289004	-18.40002
5925000000	1.884955592	-3.036872899	-20.42176674	-14.53386252	-20.7756028	-12.92578907	0.0090745	0.0352058	0.0083645	0.0509825	-15.85858
5925000000	1.884955592	-2.984513021	-14.84092521	-11.90556941	-17.84485398	-11.51666757	0.0328025	0.0644827	0.0164253	0.0705234	-13.366903
5925000000	1.884955592	-2.932153143	-12.6346017								

5925000000	1.884955592	-0.523598776	-1.656523968	-6.727884928	-1.207884986	-6.213807575	0.682885	0.2124279	0.7572016	0.2391218	-3.2522235
5925000000	1.884955592	-0.471238898	-1.5944397	-7.415127916	-2.296166281	-8.78148254	0.6927173	0.1813373	0.5893637	0.132389	-3.9907956
5925000000	1.884955592	-0.41887902	-1.412797545	-7.881765394	-4.012470822	-13.40019297	0.7223044	0.1628634	0.3969656	0.0457068	-4.789148
5925000000	1.884955592	-0.366519143	-1.924055296	-8.327228949	-5.506937773	-19.75523444	0.6420879	0.1469864	0.2813884	0.0105798	-5.6821724
5925000000	1.884955592	-0.314159265	-3.509264191	-9.009071253	-6.587880384	-15.36268703	0.4457318	0.1256299	0.2193875	0.0290892	-6.8833177
5925000000	1.884955592	-0.261799388	-5.708647178	-9.977641696	-8.024985757	-11.88029829	0.2686181	0.1005161	0.1575801	0.0648595	-8.3005138
5925000000	1.884955592	-0.20943951	-6.900689796	-10.85218012	-10.02094159	-10.91225865	0.2041414	0.082183	0.099519	0.0810539	-9.3283866
5925000000	1.884955592	-0.157079633	-6.702395955	-11.21339524	-11.7298344	-10.83095948	0.2136783	0.0756241	0.0671454	0.0825855	-9.595624
5925000000	1.884955592	-0.104719755	-6.437514478	-11.50832111	-12.25729672	-10.5647907	0.2271164	0.0706591	0.0594662	0.0878053	-9.5365406
5925000000	1.884955592	-0.052359878	-6.505084941	-12.33896616	-11.62144224	-9.956739186	0.2236101	0.0583584	0.0688424	0.1010011	-9.4710222
5925000000	1.884955592	-4.44E-16	-6.963299047	-12.77767615	-12.03294146	-8.622648571	0.2012195	0.0527512	0.0788326	0.1373204	-9.298478
5925000000	1.884955592	0.052359878	-8.011981545	-11.20797916	-12.52308213	-6.69841264	0.1580527	0.0757185	0.055936	0.2138744	-8.9999014
5925000000	1.884955592	0.104719755	-9.431402373	-9.22176209	-18.51675758	-5.207672994	0.1139882	0.1196255	0.104071	0.3014621	-8.6237159
5925000000	1.884955592	0.157079633	-10.0640805	-8.149819364	-13.9726978	-4.621045493	0.0985353	0.1531151	0.0400618	0.3450607	-7.9807543
5925000000	1.884955592	0.20943951	-9.338744932	-7.714745665	-7.856277992	-4.744610864	0.1164462	0.1692487	0.163822	0.3353814	-7.0724659
5925000000	1.884955592	0.261799388	-8.440783049	-6.939778772	-5.327436352	-5.070393824	0.143193	0.2023122	0.2932624	0.3111434	-6.2437708
5925000000	1.884955592	0.314159265	-8.145555536	-5.246018067	-4.571829484	-5.152499564	0.1532655	0.2988211	0.3489933	0.3053163	-5.5815284
5925000000	1.884955592	0.366519143	-8.347318547	-3.154426702	-4.608652052	-4.688688009	0.146308	0.4836791	0.3460468	0.3397279	-4.8288702
5925000000	1.884955592	0.41887902	-8.567632382	-1.388606163	-4.699130377	-3.486486634	0.1390711	0.726339	0.338912	0.4480385	-3.8395516
5925000000	1.884955592	0.471238898	-8.51277355	-0.361932711	-4.241011958	-1.994272466	0.1408389	0.92004	0.376616	0.63179	-2.8623968
5925000000	1.884955592	0.523598776	-8.286934435	-0.257877959	-3.319589538	-0.980651025	0.1483565	0.9423499	0.4656301	0.7978751	-2.302145
5925000000	1.884955592	0.575958653	-7.907296341	-0.991459391	-2.464641642	-0.826026351	0.1619088	0.7958919	0.5669384	0.8267941	-2.307089
5925000000	1.884955592	0.628318531	-7.053310561	-1.760145639	-1.74111811	-1.275608785	0.179092	0.6667844	0.6697122	0.7454854	-2.4430158
5925000000	1.884955592	0.680678408	-5.722559017	-1.130028392	-0.88682161	-1.142571434	0.267759	0.7708984	0.8158903	0.7686752	-1.8322479
5925000000	1.884955592	0.730382826	-4.467776957	0.528542253	0.095900249	0.344133538	0.3574558	1.1294168	1.0223275	1.0824637	-0.4676443
5925000000	1.884955592	0.785398163	-3.731339338	1.876019955	0.83453003	1.973582886	0.4235123	1.5402882	1.2118615	1.5774598	-0.7491896
5925000000	1.884955592	0.837578041	-3.599876877	2.501667595	0.57393345	2.731385525	0.4365282	1.7789624	1.2756729	1.8763716	1.277149
5925000000	1.884955592	0.890117919	-3.889064187	2.507636163	0.655292682	2.32783509	0.4084074	1.7814089	1.2176691	1.7091631	1.0692559
5925000000	1.884955592	0.942477796	-4.323514633	2.103103594	0.86183218	0.933035392	0.369529	1.6229695	1.1646172	1.2396627	0.4107459
5925000000	1.884955592	0.994837674	-4.83112881	1.445789282	0.871497847	-0.31784488	0.3287662	1.3950152	1.2222211	0.9294275	-0.137401
5925000000	1.884955592	1.047197551	-5.526546647	0.626935843	1.346631669	0.286196343	0.2801208	1.1552968	1.3635257	1.068179	-0.1467883
5925000000	1.884955592	1.095574299	-6.329821823	-0.224773691	1.627652977	1.823939947	0.2328187	0.9496065	1.4546727	1.5219276	0.1692679
5925000000	1.884955592	1.151917306	-6.828272373	-0.910540786	1.4805507	2.930132434	0.2075739	0.9810601	1.4062258	1.9634201	0.4021454
5925000000	1.884955592	1.204277184	-6.652429769	-1.341677059	1.052683738	3.504788848	0.2161509	0.7342303	1.2742903	2.2411911	0.4784536
5925000000	1.884955592	1.256637061	-5.990371006	-1.616821917	0.669148713	3.859259827	0.2517462	0.6891564	1.1665809	2.4317895	0.5492663
5925000000	1.884955592	1.308996399	-5.423190311	-1.81311714	0.444115094	4.127708828	0.2868672	0.6587009	1.1076728	2.5868478	0.4666391
5925000000	1.884955592	1.361356817	-5.349470222	-1.924753845	0.146299538	4.118411584	0.2917783	0.6419846	1.0342605	2.5813159	0.5588834
5925000000	1.884955592	1.413716694	-5.775134943	-2.032493031	-0.946890405	3.569727686	0.264537	0.6262543	0.8919059	2.2749548	0.0621481
5925000000	1.884955592	1.466076572	-6.368629765	-2.279608108	-1.492930827	2.377020153	0.2307475	0.591615	0.7090991	1.7286299	-0.888302
5925000000	1.884955592	1.518436449	-6.628491782	-2.575581456	-0.599378228	0.655335705	0.2173456	0.5526394	0.5496196	1.1628763	-2.0717409
5925000000	1.884955592	1.570796327	-6.290038705	-2.581591027	-3.679794238	-1.323241717	0.2349612	0.5518752	0.4285688	0.7373536	-3.1141137
5925000000	1.884955592	1.623156204	-5.685339938	-2.282517976	-4.907961116	-5.339953236	0.2700636	0.5912188	0.323001	0.4259931	-3.9070541
5925000000	1.884955592	1.675516082	-5.402838661	-2.099411717	-6.31574466	-6.859864585	0.2882147	0.6166785	0.2335745	0.2060694	-4.734872
5925000000	1.884955592	1.72787596	-5.682180443	-2.311044402	-7.026810142	-13.01600129	0.2702601	0.5873481	0.1982965	0.0499344	-5.5836806
5925000000	1.884955592	1.780235379	-6.088683322	-2.776329933	-6.43179433	-11.09501712	0.2461114	0.5276756	0.2274158	0.0771138	-5.6907214
5925000000	1.884955592	1.832595715	-5.910706792	-3.093396514	-5.933241448	-5.234225114	0.2564067	0.4905241	0.2550797	0.2996426	-4.8757075
5925000000	1.884955592	1.884955592	-5.36518692	-3.236398323	-6.617475693	-2.463163185	0.2907243	0.4746354	0.2178976	0.5671314	-4.116194
5925000000	1.884955592	1.93731547	-5.192647379	-3.694073137	-8.573845188	-1.327082868	0.3025069	0.4271161	0.1388723	0.7367018	-3.9651921
5925000000	1.884955592	1.989675347	-5.701775342	-4.813393988	-11.0823141	-0.871309389	0.2690435	0.3301115	0.0779415	0.882781	-3.2327344
5925000000	1.884955592	2.042035222	-6.676855395	-6.518601144	-12.56474998	-0.526676375	0.2149386	0.2229153	0.0554019	0.8857932	-6.424802
5925000000	1.884955592	2.094395125	-7.500917021	-8.306735172	-12.80091452	-0.448760214	0.1777904	0.1476816	0.0524697	1.0524865	-4.9492796
5925000000	1.884955592	2.14675498	-8.020917018	-9.434674451	-13.29755602	-1.236163621	0.1577278	0.1139023	0.0467998	0.7522871	-5.7238575
5925000000	1.884955592	2.199114858	-8.633245341	-9.424250894	-14.75365089	-3.326510697	0.1369858	0.114176	0.0334683	0.4648886	-7.2727251
5925000000	1.884955592	2.251474735	-8.768809993	-8.466546226	-16.94420119	-6.1342942	0.1327758	0.142346	0.0220106	0.2435055	-8.7060256
5925000000	1.884955592	2.303834613	-7.866430707	-7.459195747	-18.85764475	-6.934033375	0.1634395	0.1795066	0.0130087	0.20258	-8.5500971
5925000000	1.884955592	2.35619449	-7.153971021	-6.711043889	-18.86069992	-6.675995179	0.1925763	0.2132532	0.0129996	0.2149812	-8.0010066
5925000000	1.884955592	2.408554368	-7.67932116	-5.839153074	-17.33770734	-8.2881682	0.1706349	0.2606662	0.0184599	0.1498148	-8.2530408
5925000000	1.884955592	2.460914245	-9.586048164	-5.042764124	-15.90271429	-10.83701346	0.1100006	0.3131292	0.0256879	0.0824075	-8.7672978
5925000000	1.884955592	2.513274123	-11.51753175	-4.788902286	-14.90440967	-9.18761978	0.0705094	0.3319784	0.0323265	0.1025697	-8.574667
5925000000	1.884955592	2.565634	-11.17697786	-5.039040727	-14.3204395	-7.523397763	0.076261	0.3133978	0.0369791	0.1768725	-8.2137532
5925000000	1.884955592	2.617993878	-9.969147708	-5.726087801	-14.37501788	-8.109563319	0.1007129	0.2675415	0.0365173	0.1454541	-8.544005
5925000000	1.884955592	2.670353756	-9.14027223	-7.27374743	-15.07748153	-9.048599567	0.1218913	0.1873377	0.0310636	0.1224916	-8.3480859
5925000000	1.884955592	2.722713633	-8.741218538	-10.38342828	-15.59485235	-8.288688159	0.1336221	0.0915498	0.027755	0.1482966	-9.9886867
5925000000	1.884955592	2.775073511	-8.656391255	-15.57331266	-15.3991733	-8.162181287	0.1362576	0.0277121	0.028974	0.1526764	-10.63461
5925000000	1.884955592	2.827433388	-8.525624657	-20.01540764	-15.78749593	-10.10353382	0.1404228	0.0099646	0.0263785	0.0974641	-11.365599
5925000000	1.884955592	2.879793266	-8.492931959	-22.14152177	-18.35643228	-13.2546738	0.1414838	0.0061073	0.0146001	0.0472676	-12.809614
5925000000	1.884955592	2.932153143	-9.308193889	-27.57047273	-24.03554241	-14.9328421	0.1172683	0.0017497	0.0039486	0.0355362	-14.02023
5925000000	1.884955592	2.984513021	-11.442497								

5925000000	1.93731547	-0.942477796	3.099968564	-2.18425094	-0.122061	-2.539661476	2.0417232	0.6047486	0.9722857	0.5572292	0.1869912
5925000000	1.93731547	-0.890117919	3.241600297	-2.366711144	-0.374352187	-1.838392759	2.1094053	0.5798677	0.9174128	0.6548785	0.2750904
5925000000	1.93731547	-0.837758041	2.775989424	-2.291144214	-0.644468442	-1.512003799	1.8949552	0.5900456	0.8620911	0.7059917	0.5027557
5925000000	1.93731547	-0.785398163	1.727072565	-2.263278143	-1.250793643	-1.899202364	1.4883575	0.5938437	0.7497572	0.6457728	-0.6076398
5925000000	1.93731547	-0.733038286	0.574547846	-2.560517033	-1.945811322	-2.897436014	1.1414445	0.5546057	0.6388794	0.5131643	-1.4750571
5925000000	1.93731547	-0.680678408	-0.085779706	-3.245743421	-2.132889577	-3.915333809	0.9804423	0.4736152	0.6119431	0.4059445	-2.0902118
5925000000	1.93731547	-0.628318531	-0.374422117	-4.159372965	-1.643381404	-4.347690677	0.917398	0.3837626	0.6849547	0.3674777	-2.3032862
5925000000	1.93731547	-0.575958653	-0.716640191	-5.110579506	-1.097333699	-4.639318791	0.8478831	0.3082777	0.7767238	0.3436118	-2.4479302
5925000000	1.93731547	-0.523598776	-1.046482356	-6.018417749	-1.211304781	-5.630924919	0.7858719	0.2501256	0.7566055	0.2734686	-2.869146
5925000000	1.93731547	-0.471238898	-1.137570023	-6.804286502	-2.756006064	-7.774622458	0.7695609	0.2087235	0.5921612	0.1663913	-3.6216595
5925000000	1.93731547	-0.41887902	-1.297730769	-7.406002638	-3.985712809	-11.50652432	0.7416977	0.1817187	0.3994919	0.0706883	-4.5794562
5925000000	1.93731547	-0.366519143	-2.138489997	-7.933478398	-5.485127974	-16.56843203	0.6111545	0.1609356	0.2828051	0.0220372	-5.6987155
5925000000	1.93731547	-0.314159265	-3.956563145	-8.581035363	-6.539027448	-14.99357318	0.4021089	0.1386425	0.2218693	0.0316696	-7.020807
5925000000	1.93731547	-0.261779388	-6.156399921	-9.402122594	-7.947411328	-11.65954857	0.2423037	0.1147593	0.1604201	0.068241	-8.3436695
5925000000	1.93731547	-0.20943951	-7.010945061	-10.14596353	-9.977945559	-10.49354276	0.199024	0.0966499	0.1005091	0.0892577	-9.158835
5925000000	1.93731547	-0.157079633	-6.606233769	-10.55413887	-11.76050375	-10.37597561	0.2184624	0.088021	0.0666729	0.091707	-9.3473477
5925000000	1.93731547	-0.104719755	-6.35603323	-11.01753435	-12.26504147	-10.25621477	0.2314178	0.0791128	0.0593603	0.0942711	-9.3539052
5925000000	1.93731547	-0.052359878	-6.489862553	-12.06054617	-11.58140463	-9.813934279	0.2243953	0.0622222	0.06948	0.1043774	-9.3885405
5925000000	1.93731547	-4.44E-16	-6.963298573	-12.77767625	-11.03294122	-8.622648227	0.2012195	0.0572512	0.0788326	0.1373204	-9.2984777
5925000000	1.93731547	0.052359878	-7.921512571	-11.32914912	-12.57731515	-6.757344087	0.1613796	0.0736351	0.0552419	0.2109918	-9.0206063
5925000000	1.93731547	0.104719755	-9.129869775	-9.305752495	-18.41315263	-5.254254112	0.1221836	0.1173342	0.0144107	0.298246	-8.5998362
5925000000	1.93731547	0.157079633	-9.58731479	-8.22891336	-13.82537879	-4.62906494	0.1099686	0.1503518	0.041444	0.3444421	-7.9170077
5925000000	1.93731547	0.20943951	-8.89524018	-7.957812691	-7.812733849	-4.691785074	0.1289662	0.1600364	0.1654728	0.3394857	-7.0226079
5925000000	1.93731547	0.261799388	-8.104769507	-7.575594696	-5.301233757	-4.937498663	0.1547117	0.1747594	0.2950371	0.3208117	-6.2648124
5925000000	1.93731547	0.314159265	-7.956491445	-6.130070987	-4.586408611	-4.954994983	0.1600851	0.2437771	0.3478237	0.3195218	-5.7218632
5925000000	1.93731547	0.366519143	-8.380380809	-3.874182301	-4.72891273	-4.466184552	0.1451984	0.4098093	0.3365598	0.3575869	-5.0043136
5925000000	1.93731547	0.41887902	-8.799192258	-1.750338808	-4.927940427	-3.304244383	0.1318502	0.6682918	0.3215185	0.4672782	-4.0595285
5925000000	1.93731547	0.471238898	-8.709345863	-0.347474588	-4.403987746	-1.931362382	0.1346063	0.9231081	0.3627448	0.6410085	-2.8788347
5925000000	1.93731547	0.523598776	-8.253743092	0.099343546	-3.282871163	-1.068028031	0.1494947	1.0231383	0.4695836	0.7819828	-2.1749166
5925000000	1.93731547	0.575958653	-7.749240767	-0.410051317	-2.295788886	-1.015373363	0.1679098	0.9090025	0.5894149	0.7915214	-2.1134587
5925000000	1.93731547	0.628318531	-7.088243388	-1.406066134	-1.574740189	-1.406618339	0.195513	0.7234248	0.6958666	0.7233328	-2.3319
5925000000	1.93731547	0.680678408	-6.034182513	-1.575052421	-0.809050599	-1.05198862	0.2492193	0.6958166	0.8300322	0.7848762	-1.9382948
5925000000	1.93731547	0.733038286	-4.797127776	-0.365319747	0.088534744	0.509948141	0.3313502	0.913228	1.020595	1.1245915	-0.7110208
5925000000	1.93731547	0.785398163	-3.804657351	1.017271109	0.804910919	2.06913459	0.4164226	1.2639419	1.2036247	1.6103247	0.5060341
5925000000	1.93731547	0.837758041	-3.246556225	1.873987235	1.04923648	2.733764041	0.4735266	1.5395675	1.2732792	1.8766203	1.1084159
5925000000	1.93731547	0.890117919	-3.037400683	2.246870603	0.889342508	2.242212169	0.4968896	1.6775948	1.2257284	1.6757963	1.034624
5925000000	1.93731547	0.942477796	-3.001256573	2.352714263	0.726994642	0.704808622	0.5010422	1.7189824	1.1829597	1.1761992	0.5872805
5925000000	1.93731547	0.994837674	-3.065893023	2.295636793	0.982851907	-0.881112752	0.4936404	1.6965383	1.2539644	0.8163732	0.2740252
5925000000	1.93731547	1.047197551	-3.250095895	2.041983806	1.501772806	-0.69508	0.4731408	1.6002889	1.4131143	0.8521028	0.352943
5925000000	1.93731547	1.099557429	-3.517406868	1.577286689	1.814244975	0.605956897	0.4448968	1.4379	1.5185339	1.1497295	0.5605259
5925000000	1.93731547	1.151917306	-3.748189415	1.024070552	1.674065071	1.60145865	0.4218723	1.2659223	1.4703019	1.4459253	0.6107738
5925000000	1.93731547	1.204277184	-3.850840163	0.545665278	1.221151067	2.253770662	0.4120178	1.1338785	1.3246926	1.6802622	0.5603264
5925000000	1.93731547	1.256637061	-3.902214396	0.142211496	0.788192092	2.938538036	0.4071726	1.0332874	1.1990001	1.967224	0.6132844
5925000000	1.93731547	1.309969399	-4.136746223	-0.310770188	0.509063221	3.631071664	0.3857673	0.9309428	1.1243624	2.3073165	0.7448629
5925000000	1.93731547	1.361356817	-4.73448958	-0.848450244	0.162294642	3.961090303	0.3361639	0.8225361	1.0380767	2.4894822	0.6876629
5925000000	1.93731547	1.413716694	-5.635320139	-1.393014575	-0.533977315	3.67546058	0.273192	0.7526021	0.8843054	2.3310203	0.2264689
5925000000	1.93731547	1.466076572	-6.513572666	-1.929545774	-1.606610687	2.784388033	0.2231736	0.6412766	0.6907787	1.8986233	-0.6375625
5925000000	1.93731547	1.518436449	-6.970676275	-2.517455676	-2.813611101	1.50917482	0.200878	0.5600856	0.5231653	1.4155248	-1.7075194
5925000000	1.93731547	1.570796327	-6.925120698	-3.06950476	-0.097177506	0.097177506	0.2029962	0.49323	0.3998373	1.0262828	-2.7599222
5925000000	1.93731547	1.623156204	-6.689295356	-3.390574325	-1.257193576	-1.56262894	0.2143238	0.4480813	0.3007505	0.6978099	-3.790925
5925000000	1.93731547	1.675516082	-6.598654702	-3.540706084	-6.423055584	-4.147714825	0.2188439	0.4425164	0.2278738	0.3847942	-4.9688089
5925000000	1.93731547	1.72787596	-6.672788508	-3.838686834	-6.687310732	-8.613874888	0.21514	0.4131724	0.2144218	0.1375981	-6.1068667
5925000000	1.93731547	1.780235837	-6.513237544	-4.411259829	-5.857953477	-11.22349079	0.2231908	0.3621379	0.2595402	0.5754486	-6.1239229
5925000000	1.93731547	1.832595715	-5.947000275	-4.87841451	-5.398420588	-6.777236628	0.2542728	0.325206	0.2885081	0.2100276	-5.694354
5925000000	1.93731547	1.884955592	-5.536329034	-4.814271997	-6.70504873	-3.86363549	0.2794905	0.3300447	0.2394691	0.4180854	-5.0175501
5925000000	1.93731547	1.93731547	-5.807606515	-4.546068516	-8.347152106	-2.514961676	0.2625665	0.3510695	0.1463136	0.5604074	-4.813686
5925000000	1.93731547	1.989675347	-6.806683798	-4.672793606	-1.107005532	-1.782521719	0.2086083	0.3409735	0.0781613	0.6633578	-4.9109964
5925000000	1.93731547	2.042035225	-8.076989703	-5.467726619	-12.60141936	-1.194280441	0.1557045	0.2839405	0.0549361	0.7959773	-5.0370762
5925000000	1.93731547	2.094059102	-8.840256914	-6.790421421	-12.68268662	-1.005697985	0.1306094	0.2903909	0.0539177	0.7932868	-5.2753437
5925000000	1.93731547	2.14675498	-9.06180034	-7.992969759	-12.85894145	-1.762840095	0.1241138	0.1587461	0.0517733	0.6663708	-6.0162418
5925000000	1.93731547	2.199114858	-9.08568827	-8.289747963	-13.8065202	-3.779327026	0.123433	0.1482604	0.0416244	0.4188585	-7.3744436
5925000000	1.93731547	2.251474735	-8.434058765	-7.827275297	-15.72786747	-6.30880789	0.1434149	0.1649197	0.0267432	0.2327619	-8.4783429
5925000000	1.93731547	2.303834613	-7.372042555	-7.473675157	-18.57616811	-6.91337437	0.1831452	0.1789091	0.0138798	0.203546	-8.3902147
5925000000	1.93731547	2.35619449	-7.064321622	-7.356060777	-19.40543848	-6.503478034	0.1965929	0.1838205	0.0114672	0.2326929	-8.127801
5925000000	1.93731547	2.408554368	-8.176523228	-6.70180925	-16.88922541	-7.448473704	0.1521765	0.2137072	0.0204681	0.1784484	-8.5016515
5925000000	1.93731547	2.460914245	-10.63686706	-5.566484176	-15.06830954	-8.941052963	0.0863601	0.2775566	0.0311293	0.1276129	-8.8384519
5925000000	1.93731547	2.513274123	-12.15689899	-4.688501013	-14.47792208	-8.139447765	0.0608569	0.3397425	0.0356622	0.1534812	-8.3139731
5925000000	1.93731547	2.565634	-10.85486452	-4.306115123	-14.71305177	-7.43911874					

5925000000	1.989675347	-1.361356817	-0.062052716	0.140663993	0.033695076	-1.763840675	0.9858134	1.0329193	1.0077888	0.6662173	-0.347114
5925000000	1.989675347	-1.308996939	0.113136331	-0.125004432	0.275760205	-2.036801386	1.0263929	0.971627	1.0655554	0.6256333	-0.3512679
5925000000	1.989675347	-1.256637061	0.513751162	-0.441597206	1.061594458	-2.39085128	1.1255768	0.9033172	1.2769075	0.5766534	-0.1295357
5925000000	1.989675347	-1.204277184	1.214443965	-0.508732387	2.092350051	-2.487694956	1.3226484	0.8894607	1.6189558	0.5639369	0.0089906
5925000000	1.989675347	-1.151917306	1.939697507	-0.334169869	7.734391093	-2.339132227	1.5630388	0.9259404	1.8768912	0.5835617	0.9249538
5925000000	1.989675347	-1.099557429	2.452104649	-0.218833679	2.627031656	-2.307102133	1.7587757	0.9508601	1.8310625	0.5878815	1.0793713
5925000000	1.989675347	-1.047197551	2.769630168	-0.424201345	1.816169005	-2.665197004	1.8921825	0.9069427	1.519204	0.5413527	0.8457485
5925000000	1.989675347	-0.994837674	3.022224463	-0.926835606	0.76200701	-3.115745202	2.005499	0.8078234	1.1917926	0.4880064	0.5048816
5925000000	1.989675347	-0.942477796	3.177579766	-1.466137512	0.085458965	-2.912036327	2.078538	0.7134873	1.0198725	0.5114442	0.3375938
5925000000	1.989675347	-0.890117919	3.022316782	-1.822127582	-0.143225883	-2.158715457	2.0055416	0.6573357	0.9675589	0.6083149	0.2517793
5925000000	1.989675347	-0.837758041	2.39428038	-1.985782471	-0.243939743	-1.700633556	1.7355137	0.6330263	0.9051197	0.6759844	-0.0550203
5925000000	1.989675347	-0.785398163	1.434001799	-2.109139498	-1.090454965	-1.976961596	1.391234	0.6152988	0.777955	0.6343133	-0.6818615
5925000000	1.989675347	-0.733038286	0.675995567	-2.408286576	-1.855120265	-2.9160038	1.1684215	0.574343	0.652361	0.510975	-1.3874936
5925000000	1.989675347	-0.680678408	0.453898725	-2.98765709	-2.114777507	-3.929377668	1.110171	0.5026137	0.6145005	0.404634	-1.8178745
5925000000	1.989675347	-0.628318531	0.365105914	-3.755530617	-1.679245034	-1.381369718	1.0877037	0.4211598	0.6793217	0.369967	-1.9413361
5925000000	1.989675347	-0.575958653	0.027321206	-4.586046111	-1.157549911	-4.437404157	1.0063108	0.3478527	0.7660286	0.3599646	-2.075809
5925000000	1.989675347	-0.523598776	-0.4536959	-5.436533656	-1.27296111	-5.142381369	0.9008042	0.2859872	0.74594	0.3060285	-2.5205247
5925000000	1.989675347	-0.471238898	-0.867225217	-6.216498154	-2.327245678	-6.871666229	0.8189879	0.2389737	0.5851611	0.2055102	-3.3520931
5925000000	1.989675347	-0.41887902	-1.412049866	-6.822488304	-0.427424478	-9.895087916	0.7224287	0.2078505	0.3956012	0.1024451	-4.4723279
5925000000	1.989675347	-0.366519143	-2.570703663	-7.342336435	-5.06636363	-13.94797449	0.5532605	0.1844023	0.281408	0.4002905	-5.7701592
5925000000	1.989675347	-0.314159265	-4.568184599	-7.955646242	-6.507476773	-14.1240238	0.3492863	0.1601162	0.223487	0.0386899	-7.1467933
5925000000	1.989675347	-0.261799388	-6.625347811	-8.709925854	-7.870788869	-11.37874701	0.217503	0.1345883	0.1632755	0.072799	-8.325602
5925000000	1.989675347	-0.20943951	-7.046283698	-9.420013532	-9.925722756	-10.12394519	0.1974111	0.1142875	0.101725	0.0790635	-8.9407524
5925000000	1.989675347	-0.157079633	-6.478648173	-9.914688061	-11.78263479	-9.973542841	0.2249755	0.1019838	0.0663341	0.1006111	-9.084711
5925000000	1.989675347	-0.104719755	-6.271707562	-10.54502266	-12.26520806	-9.965304714	0.235955	0.0882059	0.059358	0.1008021	-9.1692666
5925000000	1.989675347	-0.052359878	-6.476777217	-11.79065346	-11.53781531	-9.673177368	0.2250724	0.0662117	0.0701808	0.1078150	-9.306273
5925000000	1.989675347	-4.44E-16	-6.963298959	-12.77767638	-11.03294126	-8.622648665	0.2012195	0.0527512	0.0788326	0.1373204	-9.298478
5925000000	1.989675347	0.052359878	-7.833187435	-11.45194796	-12.62323357	-8.622823077	0.1646953	0.0715822	0.0546598	0.2078345	-9.0415808
5925000000	1.989675347	0.104719755	-8.853818532	-9.376714566	-18.25584459	-5.309447499	0.1302021	0.1154326	0.0149422	0.2944796	-5.257277
5925000000	1.989675347	0.157079633	-9.182491645	-8.248945668	-13.70877469	-4.639856929	0.1207121	0.1496599	0.0425719	0.3435693	-7.8481658
5925000000	1.989675347	0.20943951	-8.553164799	-8.052966327	-7.799708549	-4.626030998	0.1395351	0.1565681	0.1659671	0.3446648	-6.9652904
5925000000	1.989675347	0.261799388	-7.878310178	-8.042940965	-5.001738553	-4.766396948	0.162993	0.15693	0.2950028	0.3337031	-6.2496362
5925000000	1.989675347	0.314159265	-7.85707892	-7.049676493	-6.232737751	-4.69516934	0.1637918	0.197257	0.3448472	0.332213	-5.8289499
5925000000	1.989675347	0.366519143	-8.472261319	-4.808879802	-4.867410874	-4.181131623	0.1421588	0.3304548	0.326031	0.3818448	-5.2999791
5925000000	1.989675347	0.41887902	-9.1007488	-2.397149086	-5.163511943	-3.08283664	0.1230057	0.5758178	0.3054331	0.4971783	-4.2739415
5925000000	1.989675347	0.471238898	-8.998248227	-0.653815348	-5.446652346	-1.829904759	0.1259433	0.8602377	0.3510224	0.651616	-3.0742352
5925000000	1.989675347	0.523598776	-8.268459088	0.122956146	-2.326981516	-1.062913594	0.148989	1.0287163	0.4760255	0.7829042	-2.1526962
5925000000	1.989675347	0.575958653	-7.521839711	-0.09299003	-2.126405216	-1.008932789	0.1769359	0.9788159	0.6128575	0.7926961	-1.9358984
5925000000	1.989675347	0.628318531	-6.940946715	-1.021324959	-1.41906695	-1.283566975	0.2022578	0.7904374	0.7212624	0.7441206	-2.1146429
5925000000	1.989675347	0.680678408	-6.274785929	-1.747189144	-0.736828307	-0.882485548	0.2357878	0.6687766	0.8439509	0.8160475	-1.9304604
5925000000	1.989675347	0.73038286	-5.348457459	-1.309986919	0.098015934	0.552235095	0.2918463	0.7396075	1.0228256	1.1359591	-0.9828639
5925000000	1.989675347	0.785398163	-4.347979745	-0.254367852	0.813700209	2.034456057	0.3674532	0.9431119	1.2060631	1.5975174	-0.1221966
5925000000	1.989675347	0.837758041	-3.505352041	0.597991309	1.097153237	2.734257488	0.4461335	1.1476227	1.2874054	1.8768335	0.75364
5925000000	1.989675347	0.890117919	-2.849293542	1.156632839	0.976833369	2.358308648	0.5188844	1.3051586	1.2522278	1.7211981	0.7895218
5925000000	1.989675347	0.942477796	-2.299708639	1.611211636	0.853591812	0.983554822	0.5888832	1.4491761	1.2171923	1.2541673	0.5206058
5925000000	1.989675347	0.994837674	-1.820260866	2.015003197	1.124910967	-0.585573951	0.6576183	1.5903779	1.2956601	0.8738615	0.4311083
5925000000	1.989675347	1.047197551	-1.443325184	2.24633267	1.656615576	-0.846002994	0.7172449	1.677387	1.4644062	0.8229997	0.6837493
5925000000	1.989675347	1.099557429	-1.202706276	2.221299715	1.972943417	-0.032034838	0.758105	1.6677462	1.57505	0.9926508	0.9634959
5925000000	1.989675347	1.151917306	-1.088139595	2.038692622	1.81135475	0.753551206	0.7783699	1.5990766	1.5196217	1.1894745	-0.175617
5925000000	1.989675347	1.204277184	-1.0862288	1.882342996	1.324660074	1.567492684	0.7787125	1.5252324	1.3566443	1.3466609	1.0657759
5925000000	1.989675347	1.256637061	-1.254927115	1.779353465	0.803932991	2.700980234	0.7490439	1.5063828	1.2134987	1.8625071	-0.7287935
5925000000	1.989675347	1.308996939	-1.70196199	1.577511337	0.517729652	3.8017709	0.6757776	1.4377973	1.1266083	2.3998113	1.4923232
5925000000	1.989675347	1.361356817	-2.461390403	1.164888886	0.134489324	4.368575985	0.5673629	1.3076421	1.0314518	2.734372	1.4928293
5925000000	1.989675347	1.413716694	-3.396211906	0.594379507	-0.608660356	4.224828428	0.4574871	1.1466687	0.8692285	2.6453482	1.0710244
5925000000	1.989675347	1.46076572	-4.23964471	-0.007104321	-1.754268902	3.478503938	0.3767346	0.9983655	0.6676873	2.2726676	0.2841416
5925000000	1.989675347	1.518436449	-4.806616863	-0.608299381	-3.045639795	2.392094305	0.30627	0.8693008	0.9459479	1.7346403	-0.6670055
5925000000	1.989675347	1.570796327	-5.183739846	-1.259865289	-4.59651163	1.163577379	0.303128	0.7481927	0.3754382	1.3072473	-1.625605
5925000000	1.989675347	1.623156204	-5.590839741	-1.944656283	-5.419826738	-0.373555201	0.2760044	0.6390493	0.2870895	0.9175811	-2.757806
5925000000	1.989675347	1.675161082	-6.068210785	-2.596222938	-6.331942054	-2.804294003	0.2477743	0.550019	0.2327044	0.5242888	-4.1052892
5925000000	1.989675347	1.72787596	-6.377519923	-3.294115523	-6.180102505	-6.90627994	0.2302756	0.4683693	0.2409849	0.2038788	-5.4382056
5925000000	1.989675347	1.780235837	-6.249804483	-4.237011501	-5.213671067	-11.220569	0.237148	0.3769631	0.301046	0.0754993	-6.0613689
5925000000	1.989675347	1.832595715	-5.88438242	-5.329564153	-4.826165045	-8.554314037	0.2579656	0.2931187	0.3291421	0.1394982	-6.6454709
5925000000	1.989675347	1.884955592	-5.882493538	-5.918197531	-5.782499483	-5.553705036	0.2580778	0.2596488	0.2640888	0.2783475	-5.7818804
5925000000	1.989675347	1.93731547	-6.624657318	-5.648705448	-8.171657587	-3.980674486	0.2175376	0.2723513	0.1523471	0.3998826	-5.8411283
5925000000	1.989675347	1.98967347	-7.970212727	-5.245199212	-11.18971955	-2.969051586	0.1959801	0.2988685	0.0760375	0.5047715	-5.8533678
5925000000	1.989675347	2.042035225	-9.192754181	-5.451660465	-12.5634221	-2.162048812	0.1204272	0.2849928	0.055416	0.6078482	-5.7321059
5925000000	1.989675347	2.094395102	-9.595061547	-6.385211663	-12.21296798	-1.847515589	0.1097726	0.2298682	0.0600763	0.6535043	-5.7954036
5925000000	1.989675347	2.14675498	-9.51952699								

5925000000	2.042035225	-1.780235837	-5.753998098	-3.567958095	-4.728762952	-6.880646941	0.2658277	0.4397483	0.3366074	0.2050857	-5.0609983
5925000000	2.042035225	-1.72787596	-4.285994075	-1.957151414	-4.153597602	-5.243762625	0.3727354	0.6372129	0.3842733	0.2989673	-3.7335456
5925000000	2.042035225	-1.675516082	-3.47691963	-0.917589395	-4.07670158	-4.203555592	0.4490638	0.8095451	0.3911378	0.3798783	-2.9464418
5925000000	2.042035225	-1.623156204	-3.06777037	-0.455732967	-4.147387502	-3.866543188	0.4934271	0.9003818	0.3848232	0.4105307	-2.6178193
5925000000	2.042035225	-1.570796327	-2.511390986	-0.21107873	-3.610938722	-3.918898813	0.5608683	0.9525595	0.4354177	0.0466114	-2.3016924
5925000000	2.042035225	-1.518436449	-1.488142301	-0.177032469	-2.898087642	-3.867348028	0.7098814	1.0416055	0.5902173	0.4104547	-1.6238651
5925000000	2.042035225	-1.466076572	-0.260178387	0.735928935	-0.970006684	-3.478231456	0.9418509	1.1846577	0.7998328	0.4489282	-0.7375258
5925000000	2.042035225	-1.413716694	0.6853683	1.194698836	-0.243845882	-3.001579685	1.1709459	1.3166486	0.9453996	0.501005	-0.0722574
5925000000	2.042035225	-1.361356817	1.134779318	1.320600383	-0.020615444	-2.799729384	1.2986076	1.3553768	0.9952644	0.5248040	0.185017
5925000000	2.042035225	-1.308996939	1.238729204	1.128644779	-0.284896852	-2.917159101	1.3300652	1.2967745	1.0677994	0.5108391	0.2175539
5925000000	2.042035225	-1.256637061	1.325778381	0.852215303	1.104065708	-3.013589437	1.3569397	1.2168065	1.2894561	0.4996214	0.3771306
5925000000	2.042035225	-1.204277184	1.600617095	0.73310819	2.129250346	-2.736881142	1.4456452	1.1838885	1.6327701	0.5324905	0.7870999
5925000000	2.042035225	-1.151917306	2.000367082	0.789381495	2.75496048	-2.232669684	1.5850272	1.1993285	1.8864664	0.5992845	1.197594
5925000000	2.042035225	-1.099557429	2.355012594	0.811038379	2.647791943	-1.985700096	1.7198923	1.2053241	1.8398363	0.6330383	1.3018022
5925000000	2.042035225	-1.047197551	2.601865557	0.59020685	1.865706513	-2.358462725	1.8204827	1.1455675	1.5366348	0.58097	1.0411608
5925000000	2.042035225	-0.994837674	2.771485733	0.118136608	0.879292758	-3.038256059	1.8929911	1.0275753	1.2244168	0.4967918	0.6462409
5925000000	2.042035225	-0.942477796	2.808354046	-0.447120056	0.281071516	-3.106977307	1.9091296	0.9021692	1.0668593	0.4889926	0.3813818
5925000000	2.042035225	-0.890117919	2.561419503	-0.978012879	0.090382806	-2.445453549	1.8036072	0.7983599	1.0210295	0.5694488	0.2040741
5925000000	2.042035225	-0.837758041	1.989573881	-1.451271454	-0.21126708	-1.95000362	1.5810929	0.7159338	0.9525182	0.638263	-0.123552
5925000000	2.042035225	-0.785398163	1.354435278	-1.884445965	-0.91535908	-2.15036317	1.3659774	0.6479702	0.809961	0.6094859	-0.6633628
5925000000	2.042035225	-0.733038286	1.082655581	-2.352046701	-1.749394996	-3.018713507	1.2831149	0.581829	0.668437	0.4990323	-1.0272161
5925000000	2.042035225	-0.680678408	1.144251653	-2.932334208	-2.090594699	-4.005708062	1.301443	0.5090572	0.6179318	0.3975843	-1.5088533
5925000000	2.042035225	-0.628318531	1.062630655	-3.596076624	-0.788011464	-4.371135549	1.2772122	0.4369104	0.6717271	0.3654992	-1.6251433
5925000000	2.042035225	-0.575958653	0.592422343	-4.294473207	-1.25251698	-4.34751431	1.146152	0.3720083	0.7494597	0.3674926	-1.812608
5925000000	2.042035225	-0.523598776	-0.1237703	-5.028830763	-1.388310765	-4.779794156	0.9719031	0.3141354	0.7263873	0.3326753	-2.3189842
5925000000	2.042035225	-0.471238898	-0.880561658	-5.703799712	-2.445002327	-6.132746337	0.8164768	0.2689181	0.5695079	0.243627	-2.3264258
5925000000	2.042035225	-0.41887902	-1.793472818	-6.206031176	-4.131718576	-8.606346821	0.6616872	0.2395504	0.3862141	0.1378368	-4.481572
5925000000	2.042035225	-0.366519143	-3.235707263	-6.651205785	-5.5649192	-11.93796473	0.474711	0.2162118	0.2776567	0.0640035	-5.8813506
5925000000	2.042035225	-0.314159265	-5.323358845	-7.233245036	-6.487453595	-12.99100263	0.2935379	0.180903	0.2245207	0.0502227	-7.2274946
5925000000	2.042035225	-0.261799388	-7.052031007	-7.977939057	-7.379345541	-11.02248636	0.1971501	0.1592964	0.1662132	0.0790226	-8.2269277
5925000000	2.042035225	-0.20943951	-6.995981386	-8.711611207	-9.865625482	-9.802514081	0.1997109	0.1345361	0.1031425	0.1046523	-8.6802724
5925000000	2.042035225	-0.157079633	-6.328930401	-9.307013306	-11.79606803	-9.616455619	0.2328665	0.1173002	0.0661292	0.1092331	-8.8146332
5925000000	2.042035225	-0.104719535	-6.188612207	-10.09428751	-12.25662904	-9.69223052	0.2405131	0.0978523	0.0594754	0.1073438	-8.9860986
5925000000	2.042035225	-0.052359878	-6.466496802	-11.53012457	-11.4906211	-9.534931411	0.2256058	0.0703052	0.0709476	0.111303	-9.2248523
5925000000	2.042035225	-4.44E-16	-6.96329882	-12.77767665	-11.03294416	-8.622646455	0.2012195	0.0527512	0.0788326	0.1373204	-9.298478
5925000000	2.042035225	0.052359878	-7.747574079	-11.57700886	-12.66113791	-6.894937232	0.1679742	0.0695503	0.0541859	0.2044119	-9.0647119
5925000000	2.042035225	0.104719755	-8.603440034	-9.438658119	-18.05563522	-5.37329795	0.1379291	0.1137979	0.0156472	0.2901818	-8.7577147
5925000000	2.042035225	0.157079633	-8.844888013	-8.219624759	-13.61938893	-4.653443443	0.1304702	0.1506737	0.0434571	0.3421968	-7.8877071
5925000000	2.042035225	0.20943951	-8.310542417	-7.996474183	-7.814125946	-4.550308465	0.1475522	0.158618	0.1654198	0.350797	-6.8702073
5925000000	2.042035225	0.261799388	-7.772750182	-8.227114015	-4.570758578	-4.570758578	0.1670033	0.1504141	0.2934564	0.3407093	-6.1908094
5925000000	2.042035225	0.314159265	-7.877431505	-7.806201876	-4.676650592	-4.401414056	0.163026	0.1657219	0.3406697	0.3629599	-5.882215
5925000000	2.042035225	0.366519143	-8.666244666	-5.856937217	-5.013076152	-3.859495556	0.1359489	0.259601	0.3152771	0.4111549	-5.520742
5925000000	2.042035225	0.41887902	-9.521776699	-3.291235111	-5.39525133	-2.821504359	0.1116406	0.4686801	0.2887007	0.5222153	-5.865897
5925000000	2.042035225	0.471238898	-9.448889749	-1.261656309	-4.674862008	-1.661722886	0.1135301	0.7478842	0.3408112	0.6820681	-3.2691134
5925000000	2.042035225	0.523598776	-8.418625236	-0.179249464	-3.167217416	-0.928365731	0.1439254	0.9595664	0.4822567	0.8075389	-2.2306514
5925000000	2.042035225	0.575958653	-7.311191804	-0.073010109	-1.98205107	-0.79778034	0.1857295	0.9833293	0.6335695	0.832189	-1.8313049
5925000000	2.042035225	0.628318531	-6.581035935	-0.72673795	-1.286840223	-0.976342822	0.2197336	0.845914	0.7435599	0.798667	-1.8577331
5925000000	2.042035225	0.680678408	-6.139330449	-1.542397367	-0.665222339	-0.704124719	0.2432579	0.7010682	0.8579812	0.8503301	-1.7838211
5925000000	2.042035225	0.730388286	-5.69537547	-1.736083521	0.130565821	0.519361303	0.2694402	0.670489	0.1035204	0.1270317	-1.1105129
5925000000	2.042035225	0.785398163	-5.074359168	-1.293259059	0.857446483	2.030907491	0.3108595	0.7424618	1.2182731	1.5962127	-1.045952
5925000000	2.042035225	0.837578041	-4.293626601	-0.756988354	0.179306177	2.94522808	0.3720809	0.8400423	1.3120066	1.9702567	0.5061042
5925000000	2.042035225	0.890117919	-3.410455754	-0.284456975	1.091924876	2.86998723	0.4558991	0.9366003	1.2858564	1.9364163	0.6209874
5925000000	2.042035225	0.942477796	-2.46574566	0.268477339	0.975905796	1.847584718	0.5667942	1.06377	1.2519604	1.530236	0.4265038
5925000000	2.042035225	0.994837674	-1.541456596	0.905247836	1.234472917	0.502916251	0.7012021	1.2317563	1.3287623	1.1227721	0.3986115
5925000000	2.042035225	1.047197551	-0.766167812	1.411081909	1.750652802	-0.078850699	0.8382686	1.3839111	1.4964606	0.9820078	0.7090775
5925000000	2.042035225	1.099557429	-0.223691313	1.63742252	2.048950143	0.143575113	0.9497972	1.4579487	1.6028579	1.0336191	1.0073366
5925000000	2.042035225	1.151917306	0.102510622	1.692191592	1.86231958	0.531576623	1.0238847	1.4764514	1.5354368	1.1302061	1.1109265
5925000000	2.042035225	1.204277184	0.254835477	1.811170744	1.323246221	1.307302582	1.0604338	1.5714594	1.3562028	1.351233	1.2101203
5925000000	2.042035225	1.256637061	0.206394373	2.037278591	0.794878736	2.672897186	1.0486714	1.598556	1.2008475	1.8505197	1.5370778
5925000000	2.042035225	1.308996939	-0.116392313	2.174200434	0.446637855	3.973439831	0.9735556	1.6497572	1.1083165	2.4965714	1.9230261
5925000000	2.042035225	1.361356817	-0.731200205	2.056177478	0.043304486	4.611884549	0.8450453	1.6055275	1.0100211	2.8919148	2.0088528
5925000000	2.042035225	1.413716694	-1.524685495	1.71228365	-0.738634514	4.453906118	0.7039332	1.4832978	0.8436	2.7886282	1.6282264
5925000000	2.042035225	1.466076572	-2.282291678	1.304495172	-1.950096857	3.65430656	0.5912496	1.3503599	0.6382493	2.3196938	1.8809642
5925000000	2.042035225	1.518436449	-2.854582753	0.927303788	-3.299585123	2.503155378	0.5182529	1.2380277	0.4677798	1.7795179	0.003942
5925000000	2.042035225	1.570796327	-3.307437655	0.517013138	-4.490616453	1.196867575	0.4669348	1.1264225	0.3558808	1.3173063	-0.8801131
5925000000	2.042035225	1.623156204	-3.828448659	-0.00521573	-5.511529179	-0.464253154	0.4141476	0.9987998	0.281091	0.8986171	-0.8835117
5925000000	2.042035225	1.675516082	-4.488340908	-0.623630409	-6.116833949	-3.120326523	0.3557672	0.8662375	0.2445212	0.4874918	-3.1131439
5925000000	2.042035225	1.72787596									

5925000000	2.094395102	-2.199114858	-10.66759178	-7.10133417	-9.265454884	-6.398485131	0.0857513	0.1949246	0.118428	0.2291667	-8.0391325
5925000000	2.094395102	-2.14675498	-10.78733871	-6.634907253	-9.564169623	-8.051510215	0.0834192	0.2170248	0.1105562	0.1566206	-8.4800169
5925000000	2.094395102	-2.094395102	-9.81099984	-5.710084893	-10.25597166	-9.300936701	0.104448	0.2685292	0.0942764	0.1174644	-8.3511357
5925000000	2.094395102	-2.042035225	-8.625032003	-4.727045214	-10.9929967	-9.098805184	0.1372451	0.3367406	0.079561	0.1230607	-7.7172323
5925000000	2.094395102	-1.989675347	-7.968352226	-4.097707999	-10.6171781	-8.579433069	0.1596485	0.3892505	0.0867525	0.1386937	-7.1312537
5925000000	2.094395102	-1.93731547	-7.687916221	-3.958865785	-8.898391	-8.552280986	0.1702975	0.4018958	0.1288713	0.1393565	-6.774561
5925000000	2.094395102	-1.884955592	-7.129151844	-4.1358517	-7.082967033	-8.569231245	0.19368	0.3833906	0.1957507	0.1309199	-6.4214048
5925000000	2.094395102	-1.832595715	-5.86545376	-4.202433741	-5.751081674	-7.710626574	0.2590924	0.3799764	0.2660062	0.1694093	-5.708599
5925000000	2.094395102	-1.780235837	-4.161516916	-3.502543175	-4.886803693	-6.039046089	0.3835732	0.4464221	0.3245784	0.2489404	-4.5484319
5925000000	2.094395102	-1.72787596	-2.646112732	-2.318652024	-4.58315513	-4.501196587	0.5437368	0.5863201	0.3582354	0.3547156	-3.3653279
5925000000	2.094395102	-1.675516082	-1.681834873	-1.322387738	-4.441034363	-3.7010453	0.6789167	0.7374986	0.3596637	0.4264679	-2.5913305
5925000000	2.094395102	-1.623156204	-1.198060741	-0.717514688	-4.476582036	-3.707867001	0.7589164	0.8477124	0.3567318	0.4258075	-2.2381329
5925000000	2.094395102	-1.570796327	-0.858648444	-0.287193165	-3.859247476	-4.175854791	0.8206069	0.9360104	0.411221	0.382309	-1.9549473
5925000000	2.094395102	-1.518436449	-0.35082413	0.228329117	-2.486568958	-4.51114844	0.9223964	1.0539813	0.5640831	0.3539037	-1.4050676
5925000000	2.094395102	-1.466076572	0.349810926	0.835521152	-1.141590107	-4.343672039	1.0838797	1.2121381	0.7688489	0.3678178	-0.6642609
5925000000	2.094395102	-1.413716694	0.980215719	1.321583272	-0.380958607	-3.920905735	1.2532034	1.3556836	0.9160183	0.405424	-0.0763106
5925000000	2.094395102	-1.361356817	1.292039401	1.511444314	-0.097288098	-3.717865233	1.3464925	1.4162647	0.9778476	0.4248283	0.1760018
5925000000	2.094395102	-1.30896939	1.300158253	1.436938803	0.273445422	-3.820304251	1.349012	1.3921752	1.0649876	0.414925	0.2365621
5925000000	2.094395102	-1.256637061	1.227807598	1.30636344	1.11455896	-3.793490765	1.3276245	1.3509409	1.2925754	0.4174947	0.4018045
5925000000	2.094395102	-1.204277184	1.259018416	1.310525927	1.2198155	-3.200705916	1.3362935	1.3522363	1.6292268	0.4785523	0.7884751
5925000000	2.094395102	-1.151917306	1.414232504	1.438494445	2.721078426	-2.317299076	1.3849154	1.3926739	1.8711467	0.5865028	1.1687651
5925000000	2.094395102	-1.099557429	1.634124854	1.506685704	2.605326757	-1.831442676	1.4564821	1.4147137	1.8219341	0.6559273	1.2624649
5925000000	2.094395102	-1.047197551	1.882620964	1.34978749	1.854633985	-2.120155616	1.5426311	1.3645164	1.532722	0.61374	1.0515616
5925000000	2.094395102	-0.994837674	2.129296664	0.954699086	0.947487226	-2.889234028	1.6327875	1.2458619	1.2437948	0.5141343	0.6413762
5925000000	2.094395102	-0.942477796	2.254815993	0.414467982	0.440145503	-3.190784572	1.6806667	1.1001371	1.1066607	0.4796468	0.3813427
5925000000	2.094395102	-0.890117919	2.1200801	-0.219894823	0.29474563	-2.712256418	1.6293261	0.9506278	1.0720237	0.5355184	0.1970769
5925000000	2.094395102	-0.837758041	1.767192699	-0.956753188	-0.014296462	-2.264500628	1.5021706	0.8022776	0.9967135	0.5936766	-0.1157005
5925000000	2.094395102	-0.785398163	1.484761928	-1.744940752	-0.761127568	-2.417111702	1.4075901	0.6691229	0.8392421	0.5731771	-0.5934257
5925000000	2.094395102	-0.733038286	1.505320519	-2.484245264	-1.661988772	-3.182920901	1.4142691	0.564385	0.6820263	0.4805161	-1.0496489
5925000000	2.094395102	-0.680678408	1.617698757	-3.133618886	-2.0853014	-4.088777138	1.4513424	0.4860021	0.6186854	0.3900518	-1.3281522
5925000000	2.094395102	-0.628318531	1.427113542	-3.699847326	-1.801231122	-4.441066089	1.3890291	0.4265945	0.6605062	0.359661	-0.1948359
5925000000	2.094395102	-0.575958653	0.792090554	-4.234103106	-1.381735255	-4.331594884	1.2000768	0.3771156	0.7274891	0.3688421	-1.7495971
5925000000	2.094395102	-0.523598776	-0.144735254	-4.794688699	-0.550170204	-4.53459272	0.9672227	0.3315363	0.6998146	0.3519984	-2.0886463
5925000000	2.094395102	-0.471238898	-1.204234297	-5.287826868	-2.619175469	-5.564228543	0.7578383	0.2959493	0.5471198	0.2777008	-3.2822376
5925000000	2.094395102	-0.41887902	-2.445974826	-5.617427883	-4.288395669	-7.06900446	0.5693804	0.2743198	0.3725293	0.1735042	-4.591284
5925000000	2.094395102	-0.366519143	-4.120230248	-5.954019026	-5.649845621	-10.39745942	0.3872371	0.2538622	0.2722798	0.0912545	-6.0005229
5925000000	2.094395102	-0.314159265	-6.160402637	-6.508099685	-6.471651143	-11.81467143	0.2420805	0.223455	0.2253382	0.0658465	-7.2312467
5925000000	2.094395102	-0.261799388	-7.36123579	-7.269734935	-7.712703466	-10.59426283	0.1836016	0.1875109	0.1693283	0.0872115	-8.0346086
5925000000	2.094395102	-0.20943951	-6.86502416	-8.047924938	-9.79850773	-9.498943209	0.2058247	0.15675	0.1074488	0.1122292	-8.3896705
5925000000	2.094395102	-0.157079633	-6.168750733	-8.739376812	-11.80036798	-9.2977039	0.2416156	0.1336787	0.0660637	0.1175519	-8.5471815
5925000000	2.094395102	-0.104719755	-6.110929989	-9.667844591	-12.23811454	-9.436644898	0.2448539	0.1079482	0.0597295	0.1138506	-8.8075878
5925000000	2.094395102	-0.052359878	-6.459687742	-11.27965736	-11.43981798	-9.395584494	0.2259598	0.0744791	0.0717824	0.1148263	-9.1448851
5925000000	2.094395102	-4.44E-16	-6.963298873	-12.77767655	-11.03294092	-8.62264865	0.2012195	0.0527152	0.0788326	0.1373204	-9.2984779
5925000000	2.094395102	0.052359878	-7.665154309	-11.70505133	-12.69089336	-6.973762158	0.1711924	0.0675297	0.0538159	0.2007353	-9.0897233
5925000000	2.094395102	0.104719755	-8.378486636	-9.496558908	-17.82257098	-5.445897201	0.1452618	0.1122908	0.0165098	0.2853173	-8.5431138
5925000000	2.094395102	0.157079633	-8.569761767	-8.156547221	-13.55082082	-4.670178482	0.1390029	0.128981	0.0441257	0.3411789	-7.7135228
5925000000	2.094395102	0.20943951	-8.165123555	-7.816417307	-7.852263475	-4.468825953	0.1525765	0.1653325	0.1639735	0.3573694	-6.7816764
5925000000	2.094395102	0.261799388	-7.800079256	-8.092015993	-5.365095474	-4.366029662	0.1659557	0.1551667	0.2907304	0.3659292	-6.11818
5925000000	2.094395102	0.314159265	-8.051093782	-8.157773153	-4.737775388	-4.102026153	0.1566357	0.1528314	0.3359096	0.3889637	-5.8743849
5925000000	2.094395102	0.366519143	-9.01431636	-6.807027577	-5.154787701	-3.53051359	0.1254782	0.2085918	0.3051555	0.4435562	-5.6751907
5925000000	2.094395102	0.41887902	-10.12512715	-4.342911007	-6.168677286	-2.534132164	0.09716	0.3678823	0.2743552	0.5579391	-4.8907333
5925000000	2.094395102	0.471238898	-10.15301489	-2.131080081	-3.803464284	-1.434440172	0.096538	0.6121981	0.3308671	0.7187138	-3.569628
5925000000	2.094395102	0.523598776	-8.818359611	-0.784845879	-4.14374506	-0.686806397	0.1312696	0.8346712	0.4848691	0.8537277	-2.394762
5925000000	2.094395102	0.575958653	-7.246708808	-0.352011802	-1.891407736	-0.444512413	0.1885077	0.9221442	0.6469329	0.9027111	-1.7713006
5925000000	2.094395102	0.628318531	-6.122174547	-0.612568673	-1.200589149	-0.570726585	0.2442207	0.8684466	0.7584747	0.8768541	-1.6304387
5925000000	2.094395102	0.680678408	-5.515533935	-1.110243637	-0.613025184	-0.536211988	0.280832	0.7744184	0.8683553	0.883805	-1.53747
5925000000	2.094395102	0.733038286	-5.261359563	-1.33003981	-0.46406892	-0.4447766	0.2977584	0.7362003	1.038499	1.0781406	-0.9959199
5925000000	2.094395102	0.785398163	-5.117601528	-1.16539446	0.902521843	2.090583324	0.3077796	0.7646462	1.2309834	1.6182974	-0.0854889
5925000000	2.094395102	0.837758041	-4.827301154	-0.872675991	-0.27614209	3.318175713	0.3290561	0.8179606	1.3327891	1.469285	0.6231456
5925000000	2.094395102	0.890117919	-4.190983724	-0.568102553	1.169486876	3.566247638	0.3809795	0.8773841	1.3090273	2.2731326	0.8283233
5925000000	2.094395102	0.942477796	-3.183982141	-0.163062854	1.034423892	2.850599521	0.4803987	0.9631495	1.2689438	1.927791	0.6448440
5925000000	2.094395102	0.994837674	-2.024716182	0.33774492	1.257462722	1.707438651	0.6273767	1.0808726	1.3358149	1.481464	0.5362655
5925000000	2.094395102	1.047197551	-1.031426083	0.716142619	1.742714554	0.968654499	0.7886011	1.1792727	1.4937278	1.2498717	0.7109675
5925000000	2.094395102	1.099557429	-0.371455855	0.800119992	2.013572564	0.701369983	0.9180248	1.2022977	1.589854	1.1752682	0.8684411
5925000000	2.094395102	1.151917306	0.004695244	0.713701683	1.79193607	0.489661742	1.0010758	1.1786101	1.5107535	1.1193507	0.8006613
5925000000	2.094395102	1.204277184	0.784246232	1.211247125	0.801915009	0.801915009	1.0509717	1.1979112	1.3216751	1.2027947	0.7676353
5925000000	2.094395102	1.256637061	0.28792422	1.114028551	0.654531764	2.092479145	1.068544	1.2924176	1.1626612	1.6199004	1.09

5925000000	2.14675498	-2.617993878	-7.813452591	-11.31370985	-11.08818138	-5.329495565	0.1654454	0.0738974	0.0778362	0.2931234	-8.1651491
5925000000	2.14675498	-2.566534	-8.662259791	-9.003807621	-11.67899313	-5.046605238	0.1360736	0.1257822	0.0679361	0.3128524	-7.9408929
5925000000	2.14675498	-2.513274123	-10.18235584	-7.415175345	-12.12686874	-5.157832804	0.095888	0.1813353	0.0612792	0.3049416	-7.9354909
5925000000	2.14675498	-2.460914245	-11.23615661	-6.708463494	-12.43645234	-5.309126314	0.0752288	0.21338	0.057063	0.2945014	-7.9576248
5925000000	2.14675498	-2.408554368	-10.39557483	-6.303386377	-12.87483555	-5.569164665	0.0912941	0.2342402	0.0515842	0.2773854	-7.8614785
5925000000	2.14675498	-2.35619449	-8.877588849	-5.876835419	-12.07889429	-5.815845463	0.1294915	0.2584142	0.0619599	0.2620896	-7.9461997
5925000000	2.14675498	-2.303834613	-7.956825985	-5.597945314	-10.35285042	-6.006692918	0.1600727	0.2755532	0.0921966	0.2508018	-7.1073291
5925000000	2.14675498	-2.251474735	-7.718430259	-5.681841493	-9.409168779	-6.538296347	0.1691052	0.2702829	0.1145732	0.2219067	-7.1227215
5925000000	2.14675498	-2.199114858	-7.829097475	-6.027795087	-9.468425771	-7.695285978	0.1648505	0.2495862	0.1130206	0.1700088	-7.5853695
5925000000	2.14675498	-7.941266587	-7.941266587	-6.128005593	-10.01637689	-9.037331077	0.1606473	0.2438931	0.0996236	0.1248415	-8.0342386
5925000000	2.14675498	-2.094395102	-7.749879228	-5.515138682	-10.77910694	-9.371484545	0.1678851	0.2808576	0.0835775	0.1155177	-7.9055748
5925000000	2.14675498	-2.042035225	-7.28118014	-4.47867681	-11.49138897	-8.57206398	0.1870174	0.3565598	0.0709351	0.1389292	-7.2501048
5925000000	2.14675498	-1.989675347	-6.861912776	-3.604030429	-10.88702163	-7.752651976	0.2059723	0.4361109	0.0815263	0.1677779	-6.519935
5925000000	2.14675498	-1.93731547	-6.513476219	-3.161366541	-8.857551687	-7.392006171	0.2231785	0.4829068	0.1300903	0.1823053	-5.9410708
5925000000	2.14675498	-1.884955592	-5.974202504	-3.127773209	-6.943537798	-7.127091757	0.2526852	0.4866567	0.2021372	0.1937719	-5.4696812
5925000000	2.14675498	-1.832595715	-5.111160834	-3.270887846	-5.71782468	-6.265848026	0.3082364	0.4708811	0.2680511	0.2362736	-4.9368371
5925000000	2.14675498	-1.780235837	-3.983380201	-3.213416647	-5.051305818	-4.818235725	0.3996336	0.4771537	0.312514	0.3297436	-4.1052546
5925000000	2.14675498	-1.727875962	-2.827491815	-2.771767249	-4.780195631	-3.525141658	0.5214958	0.5282303	0.3326464	0.4441052	-3.4044607
5925000000	2.14675498	-1.675516082	-1.93945013	-2.18138222	-4.814650567	-2.950865568	0.6398158	0.6051482	0.330016	0.5068987	-2.8360644
5925000000	2.14675498	-1.623156204	-1.399813155	-1.674136281	-4.809331166	-3.193975411	0.7244671	0.6801213	0.3304204	0.4792945	-2.5682588
5925000000	2.14675498	-1.570796327	-1.054302695	-1.196871567	-4.123068155	-3.916721608	0.7844581	0.7591242	0.3869842	0.4058148	-2.3351629
5925000000	2.14675498	-1.518436449	-0.733268349	-0.61602751	-2.709174252	-4.49262836	0.844643	0.8677552	0.5358985	0.3554162	-1.864669
5925000000	2.14675498	-1.466076572	-0.387761099	0.0354138241	-1.334348241	-4.49700028	0.9145846	1.0081883	0.7354704	0.3505085	-1.2301736
5925000000	2.14675498	-1.413716694	-0.072261023	0.578756999	-0.528178858	-4.166810192	0.9834989	1.1425513	0.8854868	0.383106	-0.7126587
5925000000	2.14675498	-1.361356817	0.141659287	0.884753117	-0.178025949	-4.044326407	1.0331561	1.2259572	0.9598368	0.3940645	-0.1052546
5925000000	2.14675498	-1.30896939	0.309044468	1.009112716	0.249597281	-4.262281234	1.0737531	1.2615698	1.0591555	0.3747761	-0.2580453
5925000000	2.14675498	-1.256637061	0.560663412	1.142936313	1.09536867	-4.289893573	1.1378011	1.3010489	1.2868765	0.3724008	-0.1052546
5925000000	2.14675498	-1.204277184	0.881895303	1.412221098	2.066034275	-3.53165344	1.2251508	1.3842742	1.6091756	0.4434398	0.6651603
5925000000	2.14675498	-1.151917306	1.158492626	1.742300064	2.631121036	-2.376910898	1.3057176	1.4935852	1.8327875	0.5785074	1.1482753
5925000000	2.14675498	-1.095557429	1.365194787	1.944180784	2.501592808	-1.69351725	1.3693658	1.5645351	1.7789317	0.6770929	1.2953229
5925000000	2.14675498	-1.047197551	1.570479183	1.886050058	1.779999497	-1.885568323	1.4356478	1.5438497	1.5066069	0.6478033	1.0838806
5925000000	2.14675498	-0.994837674	1.800501073	1.565039062	0.954314337	-2.672899628	1.5137359	1.4338506	1.2457151	0.5403934	0.7134362
5925000000	2.14675498	-0.942477796	1.948314665	1.040282195	0.540727727	-3.163798449	1.5661432	1.2706567	1.1325901	0.4826365	0.4649751
5925000000	2.14675498	-0.890117919	1.898952636	0.316296735	0.443502144	-2.92764453	1.5484431	1.0755477	1.1075165	0.5096072	0.2542001
5925000000	2.14675498	-0.837758041	1.718395909	-0.649598602	0.131182594	-2.602744717	1.4853869	0.8610733	1.0306667	0.5491397	-0.0807423
5925000000	2.14675498	-0.785398163	1.628996032	-1.785418319	-0.65388995	-2.731709267	1.4551227	0.6629155	0.8602229	0.533125	-0.3884475
5925000000	2.14675498	-0.733038286	1.71305415	-2.833517366	-1.616925432	-3.350903251	1.483561	0.5207728	0.68914	0.4622849	-1.0295621
5925000000	2.14675498	-0.680678408	1.734590238	-3.570641291	-2.116039822	-4.102921838	1.4909361	0.4394767	0.6143219	0.3887835	-1.346712
5925000000	2.14675498	-0.628318531	1.397995802	-0.401930158	-1.904222307	-4.445778861	1.3797472	0.3963418	0.6450268	0.359271	-1.5795479
5925000000	2.14675498	-0.575958653	0.616966772	-4.357969997	-1.4530972514	-4.330972514	1.1526479	0.3666089	0.7014054	0.388895	-1.3883449
5925000000	2.14675498	-0.523598776	-0.492493916	-4.705720782	-1.747654043	-4.375350395	0.8927927	0.3383981	0.668705	0.3651447	-2.4698403
5925000000	2.14675498	-0.471238898	-4.971813785	-2.836468473	-5.144235748	-4.347355738	0.6606856	0.3182868	0.520419	0.3058979	-1.2555142
5925000000	2.14675498	-0.41887902	-3.327506022	-5.099629018	-4.48339944	-6.845003201	0.4647821	0.3090559	0.3561722	0.2607758	-4.7599808
5925000000	2.14675498	-0.366519143	-5.161117476	-5.320665502	-5.748635069	-9.204785009	0.3047111	0.29372	0.2661561	0.1200941	-5.8136415
5925000000	2.14675498	-0.314159265	-6.960321641	-5.848133487	-6.452585961	-10.71351983	0.2013575	0.2601277	0.2263962	0.0848493	-7.1406925
5925000000	2.14675498	-0.2681799388	-7.493124622	-6.628657668	-7.626766689	-10.1107549	0.1781097	0.2173733	0.1727123	0.097482	-7.7881972
5925000000	2.14675498	-0.20943951	-6.673781446	-7.446388462	-9.725156608	-9.208419299	0.2150908	0.1800367	0.106533	0.1199936	-8.0851112
5925000000	2.14675498	-0.157079633	-6.010901655	-8.216913934	-11.79494814	-9.010777511	0.2505589	0.1507678	0.0661462	0.1255805	-8.2896615
5925000000	2.14675498	-0.104719755	-6.042777438	-9.26737552	-12.20852402	-9.197833661	0.2487266	0.1183757	0.0601378	0.1202864	-8.6365463
5925000000	2.14675498	-0.052359878	-6.456998731	-11.03982163	-11.3854507	-9.267451858	0.2260998	0.0780778	0.0726867	0.1183736	-9.0669402
5925000000	2.14675498	-4.44E-16	-6.963298827	-12.77767616	-11.03294135	-8.622648345	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984779
5925000000	2.14675498	0.052359878	-7.586324776	-11.83685739	-12.71281994	-7.059361573	0.1743822	0.065511	0.0535449	0.1981676	-9.1168527
5925000000	2.14675498	-0.104719755	-8.178331432	-9.555991084	-17.56536029	-5.527393498	0.1521132	0.1107646	0.0175172	0.0800661	-8.5354154
5925000000	2.14675498	-0.10797633	-8.352154789	-8.078500458	-13.50521273	-4.690690075	0.1461452	0.1556503	0.0446148	0.3395713	-7.6574754
5925000000	2.14675498	0.20943951	-8.113653145	-7.561988843	-7.910538995	-4.386333755	0.1543955	0.1753077	0.1617879	0.3642224	-6.6973157
5925000000	2.14675498	0.261799388	-7.972250841	-7.709736985	-4.518689887	-4.166413922	0.1595052	0.169444	0.2871647	0.383141	-6.023837
5925000000	2.14675498	0.314159265	-8.414477806	-7.996854973	-4.799751737	-3.819618033	0.1440629	0.1586041	0.3311501	0.4149905	-5.8136415
5925000000	2.14675498	0.366519143	-9.570494814	-7.369295183	-5.281845667	-3.216404242	0.1103953	0.1832612	0.2963572	0.4678256	-5.7396101
5925000000	2.14675498	0.41887902	-10.96014022	-5.387130345	-5.822454676	-2.243598569	0.0801652	0.2892591	0.2616704	0.5965408	-5.1299058
5925000000	2.14675498	0.471238898	-11.17676138	-3.19797846	-4.9492061	-1.181204983	0.0762648	0.4788529	0.319948	0.7618676	-3.8802901
5925000000	2.14675498	0.523598776	-9.55825155	-1.671547477	-3.178777045	-0.395479283	0.1107069	0.6805268	0.4809755	0.9129607	-6.2574777
5925000000	2.14675498	0.575958653	-7.442054545	-0.938644922	-1.876984452	-0.029537596	0.1802165	0.8085298	0.6490873	0.9932218	-1.8240895
5925000000	2.14675498	0.628318531	-5.754103552	-0.770430824	-1.182419884	-0.119557321	0.2658212	0.8374462	0.7616545	0.9728464	-1.0983036
5925000000	2.14675498	0.680678408	-4.673656969	-0.767769969	-0.607621928	-0.362540177	0.3409057	0.8379595	0.8694355	0.9199114	-1.2965506
5925000000	2.14675498	0.733038286	-4.129945512	-0.584302434	0.162510008	0.309160061	0.3863718	0.8741174	1.0381282	1.0737817	-0.7412102
5925000000	2.14675498	0.785398163	-3.961433632	-0.178418645	0.904158182	2.078077722	0.4016582	0.95975	1.2314473	1.6136442	0.2186087
5925000000	2.14675498	0.837758041	-3.945332564	0.276533641	1.251099449	3.578971861	0.4031501	1.0657451	1.3338591	2.2798023	1.0402223
5925000000	2.14675498	0.890117919	-3.802735355	0.678552197	1.158221078</						

5925000000	2.199114858	-3.036872899	-17.62780297	-16.68538813	-20.68769537	-14.26776741	0.0172671	0.0214517	0.0085355	0.0374303	-16.742555
5925000000	2.199114858	-2.984513021	-14.4186117	-13.56140738	-18.7511639	-13.94116103	0.0361525	0.0440412	0.0133316	0.0403537	-14.753471
5925000000	2.199114858	-2.932153143	-11.32968282	-10.97025362	-17.83351966	-15.12082765	0.0736261	0.0799788	0.0164683	0.0307551	-12.992353
5925000000	2.199114858	-2.879793266	-8.823920893	-10.18849394	-15.15982242	-13.36013278	0.1311016	0.0957526	0.0304802	0.0461303	-11.199518
5925000000	2.199114858	-2.827433388	-7.327720412	-10.37109713	-12.94690055	-9.79280365	0.185024	0.0918101	0.0507353	0.1048865	-9.6611827
5925000000	2.199114858	-2.775073511	-6.831730768	-10.17345479	-12.15771883	-8.194994526	0.2074087	0.0960848	0.0608455	0.1515307	-8.8952009
5925000000	2.199114858	-2.722713633	-7.070046959	-10.08030396	-11.63718394	-7.305182218	0.1963339	0.0981679	0.0685933	0.1859687	-8.6242297
5925000000	2.199114858	-2.670353756	-7.66602704	-10.78409512	-10.97665319	-5.832243072	0.171158	0.0834815	0.079861	0.2610813	-8.2711855
5925000000	2.199114858	-2.617993878	-8.356451121	-10.87395295	-11.0048752	-4.789529164	0.1460007	0.081772	0.0793437	0.3319304	-7.965273
5925000000	2.199114858	-2.565634	-9.234437314	-9.297404601	-11.5461146	-4.763134073	0.1192769	0.111756	0.0700468	0.333954	-7.9531196
5925000000	2.199114858	-2.513274123	-10.18114798	-7.676193522	-11.67482419	-5.215790156	0.0959147	0.1707578	0.0680014	0.3008992	-7.9889451
5925000000	2.199114858	-2.460914245	-10.2880883	-6.62080889	-11.82073032	-5.586680149	0.0935818	0.2177304	0.0657547	0.2762689	-7.8692354
5925000000	2.199114858	-2.408554368	-9.174779019	-5.756388901	-12.29367363	-5.891396137	0.1209267	0.2656814	0.0589702	0.2575493	-7.5502587
5925000000	2.199114858	-2.35619449	-7.746934664	-4.876196163	-11.59128252	-6.232451372	0.1679989	0.3253722	0.0693221	0.2380975	-6.9854096
5925000000	2.199114858	-2.303834613	-6.703699812	-4.206324889	-10.0654879	-6.751879346	0.2136142	0.3796361	0.0985034	0.2112575	-6.4636689
5925000000	2.199114858	-2.251474735	-6.180313798	-3.996641713	-9.449901026	-7.636867086	0.2409731	0.3984151	0.1135037	0.1723111	-6.3582294
5925000000	2.199114858	-2.199114858	-6.106905703	-4.269570586	-9.904865471	-8.63770319	0.2540809	0.3741476	0.1022147	0.1368452	-6.6842764
5925000000	2.199114858	-2.14675498	-6.408079169	-4.717633759	-10.69652354	-9.055923991	0.228661	0.3374711	0.0851873	0.1242818	-7.1242152
5925000000	2.199114858	-2.094395102	-6.908483238	-4.737394045	-11.3965532	-8.597954933	0.2037754	0.3359391	0.0725011	0.1381034	-7.2681402
5925000000	2.199114858	-2.042035225	-7.334559046	-4.099899446	-11.8211177	-7.573993143	0.1847328	0.3980542	0.0657489	0.1748239	-6.9124372
5925000000	2.199114858	-1.989675347	-7.52862081	-3.274556264	-10.77473352	-6.524523216	0.1766599	0.4704835	0.0836617	0.2226115	-6.2277729
5925000000	2.199114858	-1.93731547	-7.373980474	-2.678805692	-8.508665898	-5.875769154	0.1830636	0.539659	0.1409722	0.2584777	-5.5200038
5925000000	2.199114858	-1.884955592	-6.811024464	-2.383946667	-6.507283047	-5.507820844	0.2083999	0.5775709	0.217356	0.2813312	-4.9327243
5925000000	2.199114858	-1.832595715	-6.055711197	-2.286307588	-5.58636512	-4.865355876	0.2479869	0.5907031	0.2762889	0.3261853	-4.433465
5925000000	2.199114858	-1.780235837	-5.302951381	-2.225775948	-5.151429768	-3.755596882	0.2949204	0.5989939	0.3053916	0.4211534	-3.9242181
5925000000	2.199114858	-1.72787596	-4.528207974	-2.081124628	-5.045085121	-2.706763336	0.3525163	0.6192807	0.3129619	0.5361961	-3.4176077
5925000000	2.199114858	-1.675516082	-3.696790679	-1.862103922	-5.124537319	-2.290101147	0.4268949	0.6513128	0.3072894	0.5901873	-3.0634241
5925000000	2.199114858	-1.623156204	-2.831560828	-1.604333911	-5.079557364	-2.65311247	0.5210074	0.6911409	0.3104876	0.5428611	-2.870354
5925000000	2.199114858	-1.570796327	-1.978486354	-1.241236994	-4.344825131	-3.463633788	0.6340907	0.7514088	0.3677492	0.4504397	-2.5890981
5925000000	2.199114858	-1.518436449	-1.267269781	-0.706407001	-2.904851914	-4.082649379	0.7469182	0.8498833	0.5122887	0.3906205	-2.0417336
5925000000	2.199114858	-1.466076572	-0.815271036	-0.070175267	-1.500510711	-4.10371921	0.8288442	0.9839714	0.7078625	0.3887121	-1.3825871
5925000000	2.199114858	-1.413716694	-0.572372867	0.500427987	-0.646007782	-3.789323726	0.8765218	1.122129	0.8617857	0.4178954	-0.8640707
5925000000	2.199114858	-1.361356817	-0.325699147	0.899505945	-0.236557289	-3.710368938	0.9277481	1.2301288	0.9469874	0.4255623	-0.542328
5925000000	2.199114858	-1.308996939	0.153121838	1.185788752	0.22596899	-4.03249299	1.0358865	1.3139501	1.0534087	0.3951397	-0.22461
5925000000	2.199114858	-1.256637061	0.866686272	1.509243081	1.0524417	-4.178889866	1.2208678	1.415547	1.2742193	0.3820149	0.3068812
5925000000	2.199114858	-1.204277184	1.566947575	1.926509449	1.97359586	-3.411599485	1.4344809	1.5582995	1.5752866	0.4558689	0.9089841
5925000000	2.199114858	-1.151917306	2.032913645	2.324714121	2.493899511	-2.15337662	1.5969502	1.7079353	1.7757832	0.6090632	1.5303181
5925000000	2.199114858	-1.099557429	2.226110763	2.530680589	2.343783461	-1.382374525	1.6695948	1.7908865	1.7154511	0.727382	1.6035952
5925000000	2.199114858	-1.047197551	2.241189063	2.447294949	1.648493592	-1.519559005	1.6754015	1.756829	1.460459	0.7047646	1.4593055
5925000000	2.199114858	-0.994837674	2.18287552	2.084022747	1.89467218	-2.314363019	1.6530559	1.6158546	1.2287606	0.5868994	1.0419421
5925000000	2.199114858	-0.942477796	2.06935161	1.482641462	0.570269503	-2.975953694	1.6104052	1.406903	1.1403205	0.5039699	0.6647489
5925000000	2.199114858	-0.890117919	1.884796915	0.621946962	0.521520854	-3.023557438	1.5434042	1.1539705	1.1275923	0.498476	0.3376974
5925000000	2.199114858	-0.837758041	1.698876531	-0.565734509	0.210432302	-2.890480316	1.4787258	0.8778626	1.0496469	0.5139868	-0.0874932
5925000000	2.199114858	-0.785398163	1.626794089	-2.007003135	-0.60699378	-3.023043332	1.4543851	0.6299407	0.8695621	0.498535	-0.63936
5925000000	2.199114858	-0.733038286	1.640240074	-3.323816631	-1.624478803	-3.453706546	1.4588949	0.4651771	0.6879425	0.4514705	-1.5884244
5925000000	2.199114858	-0.680678408	1.520866819	-4.116313195	-2.786318073	-3.986308337	1.4193408	0.3876027	0.6044525	0.3936405	-1.3523619
5925000000	2.199114858	-0.628318531	1.050225228	-4.435411849	-2.031821287	-4.319675122	1.2735691	0.3601296	0.6263511	0.3698558	-1.8211981
5925000000	2.199114858	-0.575958653	0.168494019	-4.587423781	-1.716444494	-4.28603418	1.0395596	0.3477424	0.6735278	0.3727319	-1.5818762
5925000000	2.199114858	-0.523598776	-1.05447296	-4.723749351	-1.965615917	-4.260395194	0.7844273	0.3369962	0.6359726	0.3749389	-2.7320455
5925000000	2.199114858	-0.471238898	-2.556632132	-4.755019267	-3.080303407	-4.837318155	0.555056	0.3345785	0.4920052	0.328298	-3.6907972
5925000000	2.199114858	-0.41887902	-4.324805406	-4.683882821	-4.699598142	-6.266823415	0.3694192	0.340104	0.3388755	0.2362205	-3.9258577
5925000000	2.199114858	-0.366519143	-6.212823889	-4.797416481	-5.847164619	-8.268045913	0.239176	0.3313282	0.2601858	0.1490303	-6.1069695
5925000000	2.199114858	-0.314159265	-7.557392272	-5.295429042	-6.471235923	-9.728612072	0.1754934	0.2954317	0.2278453	0.1064483	-6.9614631
5925000000	2.199114858	-0.261799388	-7.435239669	-6.080286532	-7.534406399	-9.593755144	0.1804995	0.2465877	0.1764247	0.1098056	-7.4877713
5925000000	2.199114858	-0.20943951	-6.452855827	-6.916594195	-9.823825104	-9.263156	0.2263156	0.2033951	0.1084767	0.1281202	-7.7838524
5925000000	2.199114858	-0.157079633	-5.868138983	-7.742263864	-11.77921624	-8.749824017	0.2589322	0.1681797	0.0663863	0.1333575	-6.0489236
5925000000	2.199114858	-0.104719755	-5.988059922	-8.893869483	-12.16684661	-8.974844794	0.2518802	0.1290069	0.0607177	0.1266239	-8.4753684
5925000000	2.199114858	-0.052359878	-6.459047426	-10.81106837	-11.37262514	-9.138782101	0.2259391	0.0829647	0.073661	0.1219331	-8.9915412
5925000000	2.199114858	-4.44E-16	-6.963299067	-12.77767632	-11.03294113	-8.622648545	0.2012195	0.0527512	0.0788326	0.1373204	-9.298478
5925000000	2.199114858	0.052359878	-7.511395316	-11.97324409	-12.7272313	-7.1517864	0.177362	0.0634857	0.0533675	0.1926732	-9.1463062
5925000000	2.199114858	0.104719755	-8.002012225	-9.622748435	-17.29117188	-5.617997056	0.1584159	0.109075	0.0186588	0.2742839	-8.5353588
5925000000	2.199114858	0.157079633	-8.186706877	-8.00474318	-13.47073532	-4.71581704	0.1518201	0.1583163	0.0449704	0.3376123	-7.6150281
5925000000	2.199114858	0.20943951	-8.150930111	-7.287247117	-7.985211941	-4.307440019	0.153076	0.1867563	0.1590299	0.3708993	-6.6265983
5925000000	2.199114858	0.261799388	-8.300018372	-7.210397406	-5.48087873	-3.982877318	0.1479102	0.1909504	0.2830819	0.3996808	-5.9313515
5925000000	2.199114858	0.314159265	-9.007027198	-7.45799566	-8.585805736	-3.568575252	0.125689	0.1795562	0.3269034	0.4396858	-5.7193228
5925000000	2.199114858	0.366519143	-10.38178334	-7.373857765	-5.835153507	-2.932965501	0.0915844	0.1830688	0.2894574	0.5089837	-5.1742201
5925000000	2.199114858	0.41887902	-12.00092683	-6.194867253	-6.00600765	-1.971394043	0.0630823	0.240167	0.2508418	0.6350481	-5.2682733
5925000000	2.199114858	0.471238898	-1								

5925000000	2.199114858	2.879793266	-11.24888836	-12.11272348	-16.14062167	-14.84221153	0.0750086	0.0614791	0.0243186	0.0327928	-13.151566
5925000000	2.199114858	2.932153143	-11.48131434	-13.00358	-25.63457896	-17.00003408	0.0710998	0.0500774	0.0027324	0.0199525	-14.441136
5925000000	2.199114858	2.984513021	-13.08624354	-13.742728	-24.64703065	-16.00097681	0.0491333	0.0422403	0.00343	0.0251132	-15.231799
5925000000	2.199114858	3.036872899	-15.74952214	-14.90899794	-20.53720979	-16.05236012	0.0266102	0.0322924	0.0088365	0.022375	-16.472673
5925000000	2.199114858	3.089232766	-16.77076341	-17.91470492	-20.18976547	-19.08526594	0.0210341	0.0161633	0.0095725	0.0123445	-18.306763
5925000000	2.199114858	3.141592654	-17.25575589	-20.41819971	-22.12442612	-18.28340327	0.0188115	0.0090082	0.0061314	0.0148477	-19.129946
5925000000	2.251474735	-3.141592654	-17.25575598	-20.41820003	-22.12442629	-18.28340297	0.0188115	0.0090082	0.0061314	0.0148477	-19.129946
5925000000	2.251474735	-3.089232776	-18.36490858	-18.83539055	-23.6830423	-15.8370417	0.0145717	0.0130756	0.0042825	0.0260793	-18.385645
5925000000	2.251474735	-3.036872899	-17.01774114	-17.08411029	-20.62771164	-14.52922619	0.0198713	0.0195699	0.0086542	0.0352434	-16.812127
5925000000	2.251474735	-2.984513021	-14.24693653	-13.93640421	-18.84404092	-14.21346225	0.0376103	0.040398	0.0130485	0.0379013	-14.916118
5925000000	2.251474735	-2.932153143	-11.45879578	-11.22528432	-17.84672353	-14.86557883	0.0714694	0.0754174	0.0164183	0.0326169	-13.099768
5925000000	2.251474735	-2.879793266	-9.054492354	-10.4148236	-15.14995032	-12.3856343	0.1243228	0.0908903	0.0305496	0.0577347	-11.199051
5925000000	2.251474735	-2.827433388	-7.54326553	-10.59306147	-12.95561431	-9.104234107	0.1760652	0.0872356	0.0506336	0.122907	-9.6173625
5925000000	2.251474735	-2.775073511	-6.947317142	-10.05995607	-12.05049083	-7.747979	0.2019614	0.0986289	0.0623664	0.1679585	-8.7703476
5925000000	2.251474735	-2.722713633	-7.077775366	-9.29967597	-11.42436658	-6.872604642	0.1959848	0.1174985	0.0720383	0.2054658	-8.3048175
5925000000	2.251474735	-2.670353756	-7.691703283	-9.260199964	-10.9023533	-5.352815775	0.1701491	0.1185714	0.081239	0.2915536	-7.8152151
5925000000	2.251474735	-2.617938878	-8.443540939	-9.277117519	-11.14021791	-4.398313108	0.1431021	0.1181104	0.0769092	0.3632191	-7.5613089
5925000000	2.251474735	-2.565634	-8.966853886	-8.539976531	-11.64692163	-4.597231745	0.1268571	0.1399595	0.0684397	0.3469579	-7.6813928
5925000000	2.251474735	-2.513274123	-8.887818112	-7.570687787	-11.50019492	-5.382790379	0.1291868	0.174957	0.0707914	0.2895483	-7.7975583
5925000000	2.251474735	-2.460914245	-8.171624439	-6.776265702	-11.52094484	-6.009517297	0.1523483	0.2100745	0.070454	0.2506388	-7.6731157
5925000000	2.251474735	-2.408554368	-7.324027937	-5.853079881	-11.98272755	-6.397457484	0.1851813	0.2598316	0.0633472	0.2292209	-7.3425024
5925000000	2.251474735	-2.35619449	-6.671161	-4.657485204	-11.29994635	-6.864156281	0.2152206	0.3421775	0.0741319	0.2058659	-6.7912912
5925000000	2.251474735	-2.303834613	-6.220321058	-3.554260881	-9.962098163	-7.71522298	0.2387635	0.4411374	0.1008765	0.1692301	-6.2433292
5925000000	2.251474735	-2.251474735	-5.943380173	-2.906604322	-9.68605767	-8.813574226	0.2544849	0.5120821	0.1074963	0.1314143	-5.9968763
5925000000	2.251474735	-2.199114858	-5.930459621	-2.846624443	-10.53103139	-9.211145566	0.2552431	0.5192034	0.0884905	0.1199183	-6.0957707
5925000000	2.251474735	-2.14675498	-6.389702041	-3.248285307	-11.42967327	-8.635030682	0.2296306	0.4733381	0.0719503	0.1369295	-6.421373
5925000000	2.251474735	-2.094395102	-7.433827523	-3.643975537	-11.77294447	-7.759049367	0.1805582	0.4321181	0.0664922	0.167531	-6.7433072
5925000000	2.251474735	-2.042035225	-8.813355287	-3.544724034	-11.61861391	-6.582601034	0.1314209	0.4421072	0.0688872	0.2196544	-6.665176
5925000000	2.251474735	-1.989675347	-9.739264249	-3.057011449	-10.12723131	-5.296530115	0.1061875	0.494651	0.0971129	0.2953568	-6.0493597
5925000000	2.251474735	-1.93731547	-9.29896175	-2.545516168	-7.833078845	-4.462560195	0.1175178	0.5564785	0.1646994	0.3578854	-5.2411783
5925000000	2.251474735	-1.884955592	-7.829747065	-2.12772501	-6.123152577	-4.107324691	0.1648258	0.6126712	0.2441657	0.3883895	-4.5282475
5925000000	2.251474735	-1.832595715	-6.380257701	-1.763379927	-5.32459546	-3.706079753	0.2301305	0.666288	0.2934543	0.4259828	-3.9365744
5925000000	2.251474735	-1.780235837	-5.372514474	-1.407426374	-5.139478981	-2.896903447	0.2902342	0.7321982	0.3062331	0.5132272	-3.3892295
5925000000	2.251474735	-1.72787596	-4.660049728	-1.068423923	-5.19068006	-2.045761036	0.3419755	0.7819115	0.3026439	0.6243439	-2.9012082
5925000000	2.251474735	-1.675516082	-3.886952477	-0.787420959	-5.296405124	-1.737299093	0.408606	0.8341764	0.2953653	0.6703013	-2.579726
5925000000	2.251474735	-1.623156204	-2.839207441	-0.528225036	-5.296201267	-1.262578136	0.5200909	0.8854774	0.3013616	0.6077741	-2.3756453
5925000000	2.251474735	-1.570796327	-1.65390509	-0.166191892	-4.449263554	-2.989855491	0.683297	0.9624558	0.3589828	0.5023599	-2.0889922
5925000000	2.251474735	-1.518436449	-0.637178957	0.367173687	-3.009183316	-3.567083559	0.8635393	1.0882217	0.5001286	0.4398369	-1.4090927
5925000000	2.251474735	-1.466076572	0.032608919	0.992182697	-1.588043848	-3.514066641	1.0075367	1.2566614	0.6937382	0.4451838	-0.7018271
5925000000	2.251474735	-1.413716694	0.403563642	1.548151429	-0.695950295	-3.140796094	1.0973783	1.4282859	0.851932	0.4852026	-0.5478302
5925000000	2.251474735	-1.361356817	0.694106004	1.941503644	-0.249024304	-3.03941173	1.1733041	1.5636889	0.944273	0.4966595	0.1890072
5925000000	2.251474735	-1.308996939	1.132975471	2.226200498	0.14966818	-3.381105573	1.2980683	1.6696293	1.0507434	0.5490811	0.4897775
5925000000	2.251474735	-1.256637061	1.755556511	2.520420844	0.993730675	-3.575218353	1.4981512	1.7866607	1.2571094	0.4390138	0.9525089
5925000000	2.251474735	-1.204277184	2.391484807	2.850833316	1.851019329	-2.848312625	1.7343969	1.9278948	1.5314469	0.5190016	1.5478848
5925000000	2.251474735	-1.151917306	2.850253796	3.110328143	2.320374242	-1.615432297	1.9273676	2.0465993	1.7062294	0.689377	2.0206873
5925000000	2.251474735	-1.099557429	3.040675122	3.157146136	2.144525644	-0.85736613	2.0140373	2.0687815	1.6385231	0.8208492	2.1366323
5925000000	2.251474735	-1.047197551	2.972386595	2.921878574	1.460554013	-0.993364827	1.9826162	1.9596922	1.3997659	0.7955427	1.8593979
5925000000	2.251474735	-0.994837674	2.711792311	2.421758432	0.774905935	-1.814879811	1.8671501	1.7465292	1.1953376	0.6584337	1.3572487
5925000000	2.251474735	-0.942477796	2.339699696	1.687307279	0.530007021	-2.641576138	1.7138388	1.4747918	1.1297977	0.5443051	0.8820407
5925000000	2.251474735	-0.890117919	1.949527748	0.68164636	0.527300607	-2.98626027	1.5665807	1.1699428	1.1290939	0.5027753	0.3826169
5925000000	2.251474735	-0.837758041	1.646635021	-0.672075533	0.261276857	-3.08944139	1.4610447	0.8666284	1.052269	0.409071	-0.1536996
5925000000	2.251474735	-0.785398163	1.477823926	-2.28802872	-0.621042676	-3.242203384	1.4053432	0.590469	0.8667538	0.4740014	-0.7876009
5925000000	2.251474735	-0.733038286	1.356166763	-3.718775367	-1.680229496	-3.445298944	1.3665222	0.4247393	0.6791678	0.4523453	-1.3626647
5925000000	2.251474735	-0.680678408	1.096110022	-4.508206339	-2.842725612	-3.716771441	1.2870962	0.3541436	0.5909799	0.4249353	-1.7764309
5925000000	2.251474735	-0.628318531	0.536231948	-4.768651217	-2.166557014	-4.037549229	1.1314183	0.33353	0.6072175	0.39468	-2.09918
5925000000	2.251474735	-0.575958653	-0.380773197	-4.833981955	-1.891254898	-4.151609931	0.9160574	0.3285503	0.6469557	0.3844492	-0.8488534
5925000000	2.251474735	-0.523598776	-1.652669708	-4.818934162	-2.18532427	-4.146343812	0.6834914	0.3296906	0.6045981	0.3849157	-0.3004451
5925000000	2.251474735	-0.471238898	-3.29438896	-4.644158945	-3.331869284	-4.60294877	0.4683398	0.3432291	0.4643154	0.3605105	-3.9190585
5925000000	2.251474735	-0.41887902	-5.239530977	-4.396769111	-4.81046515	-5.821745765	0.2992588	0.3634483	0.3222518	0.2617131	-5.0564265
5925000000	2.251474735	-0.366519143	-7.042615611	-4.414450104	-5.931590517	-7.517334715	0.1975779	0.361872	0.2551767	0.1771196	-0.0655946
5925000000	2.251474735	-0.314159265	-7.815260066	-4.37688441	-6.379930886	-8.861883906	0.1653766	0.3255604	0.2301478	0.1299606	-0.7170277
5925000000	2.251474735	-0.261799388	-7.232050487	-5.637325887	-7.435858426	-9.063740038	0.189145	0.2730659	0.1804738	0.1240583	-7.1740104
5925000000	2.251474735	-0.20943951	-6.236126835	-6.462310393	-9.564483711	-8.640790426	0.2378961	0.2258324	0.1105482	0.1367478	-7.5018081
5925000000	2.251474735	-0.157079633	-5.752312096	-7.316135272	-11.75269379	-8.507936098	0.2659309	0.1851812	0.0667929	0.1409349	-6.0350632
5925000000	2.251474735	-0.104719755	-5.950360577	-8.547749401	-12.1122824	-8.766591683	0.2540762	0.1397092	0.0614854	0.1328437	-8.3259817
5925000000	2.251474735	-0.052359878	-6.466407208	-10.59373826	-11.26650647	-9.013765479	0.2256105	0.087222	0.0747049	0.1254941	-8.9195187
5925000000	2.251474735	-4.44E-16	-6.963298956	-12.77767645	-11.03294126	-8.622648323	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984779
5925000000	2.251474735	0.0523598									

5925000000	2.251474735	2.460914245	-12.06630914	-5.485850251	-8.81139318	-9.741432852	0.0621397	0.282758	0.1314803	0.1061345	-8.3675469
5925000000	2.251474735	2.513274123	-15.16657628	-6.792505637	-10.51491037	-13.18352783	0.0304328	0.2092905	0.0888196	0.0480449	-10.261937
5925000000	2.251474735	2.565634	-19.95233004	-6.894093572	-13.63747327	-9.398194107	0.0101104	0.2044517	0.0432766	0.1148631	-10.306986
5925000000	2.251474735	2.61799387	-20.4596778	-6.395373891	-15.2460732	-8.417681808	0.0089956	0.2293309	0.0298785	0.1439567	-9.8699228
5925000000	2.251474735	2.670353756	-14.46331151	-6.624755292	-13.08519209	-10.77936466	0.0357823	0.2175327	0.0491452	0.0835725	-10.154359
5925000000	2.251474735	2.722713633	-11.43568003	-7.722694431	-10.929627	-13.96002357	0.0718509	0.1689392	0.0807304	0.0401789	-10.437122
5925000000	2.251474735	2.775073511	-10.83531919	-8.948651377	-10.3793417	-12.84951057	0.0825027	0.1273899	0.0916359	0.0518859	-10.537758
5925000000	2.251474735	2.827433388	-11.35567894	-9.686595494	-11.95754756	-12.25323251	0.0731867	0.1074832	0.0637155	0.0595219	-11.193189
5925000000	2.251474735	2.879793266	-11.54275171	-10.41077913	-16.54821747	-13.88794499	0.0701011	0.090975	0.02214	0.0408513	-12.516813
5925000000	2.251474735	2.932153143	-11.78306996	-11.51375492	-26.7499747	-13.00186945	0.0663274	0.0705707	0.0021135	0.0251081	-13.868993
5925000000	2.251474735	2.984513021	-13.40208235	-12.72029072	-23.78263405	-15.98215814	0.0456869	0.0534529	0.0041854	0.0252223	-14.929966
5925000000	2.251474735	3.036872899	-16.07455617	-14.37812689	-20.24042177	-16.62095529	0.0246913	0.0364911	0.0094618	0.0217723	-16.3631
5925000000	2.251474735	3.089232776	-16.94129681	-17.61616583	-20.31469667	-19.21197185	0.0202242	0.0171314	0.0097018	0.0119895	-18.295259
5925000000	2.251474735	3.141592654	-17.25575598	-20.41820003	-22.12442629	-18.28340297	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.303834613	-3.141592654	-17.25575569	-20.41820006	-22.12442636	-18.28340329	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.303834613	-3.089232776	-17.93066027	-19.09696701	-23.4460383	-15.9369398	0.016104	0.0123113	0.0045227	0.0254863	-18.354567
5925000000	2.303834613	-3.036872899	-16.41921831	-17.48358178	-20.53642446	-14.78482134	0.0228075	0.0178501	0.0088384	0.033229	-16.844224
5925000000	2.303834613	-2.984513021	-14.01525364	-14.36708897	-18.88709086	-14.37198037	0.0396711	0.036584	0.0129208	0.0365428	-15.026598
5925000000	2.303834613	-2.932153143	-11.60875612	-11.57549272	-17.84687456	-14.34585196	0.0690438	0.0695746	0.0164177	0.0367633	-13.192128
5925000000	2.303834613	-2.879793266	-9.410689709	-10.81153673	-15.2054028	-11.50066401	0.1145331	0.0829557	0.0301819	0.0707838	-11.27182
5925000000	2.303834613	-2.827433388	-7.917590989	-11.16615236	-13.05023644	-8.549905008	0.1615254	0.0764513	0.0495423	0.1396399	-9.7147051
5925000000	2.303834613	-2.775073511	-7.156057129	-10.39312106	-12.04908623	-7.405287624	0.1924838	0.0913457	0.0623866	0.1817487	-8.7945504
5925000000	2.303834613	-2.722713633	-6.997899892	-8.944102657	-11.35811816	-6.55368291	0.1996227	0.1275234	0.0731456	0.2211219	-8.0867926
5925000000	2.303834613	-2.670353756	-7.326575983	-8.130542012	-10.98604163	-5.035153226	0.1850727	0.1537963	0.0796885	0.3136784	-7.3740893
5925000000	2.303834613	-2.617993878	-7.841145588	-7.655629095	-11.43103365	-4.179333074	0.1643938	0.1715683	0.0719277	0.3820029	-7.0449184
5925000000	2.303834613	-2.565634	-8.075750484	-7.125226673	-11.91307068	-4.568249959	0.1557489	0.193851	0.0643723	0.343227	-7.1938897
5925000000	2.303834613	-2.513274123	-7.701614602	-6.765045585	-11.55060909	-5.634755934	0.1697612	0.2126158	0.0699744	0.2792275	-7.4257277
5925000000	2.303834613	-2.460914245	-6.981314697	-6.665450942	-11.84508867	-6.498188771	0.2003865	0.2155038	0.0710381	0.2329655	-7.5025521
5925000000	2.303834613	-2.408554368	-6.541319194	-6.299386609	-11.89018431	-6.976633969	0.2217523	0.234456	0.0647115	0.2006206	-7.4381017
5925000000	2.303834613	-2.35619449	-6.618956177	-5.202863133	-11.17770296	-7.578092597	0.2178233	0.3017961	0.0762482	0.1746589	-7.1527237
5925000000	2.303834613	-2.303834613	-6.952140755	-3.803336889	-10.03588422	-8.737298476	0.2017372	0.4165492	0.099177	0.1337427	-6.7202524
5925000000	2.303834613	-2.251474735	-7.139508617	-2.732024468	-10.09610382	-9.841284798	0.1932187	0.5330642	0.0978114	0.1037222	-6.3459789
5925000000	2.303834613	-2.199114858	-7.163937854	-2.290857481	-11.25186105	-9.338091123	0.1921349	0.5900846	0.075582	0.1164638	-6.1382729
5925000000	2.303834613	-2.14675498	-7.473042035	-2.479440255	-11.86060047	-8.053088541	0.1789352	0.5650098	0.0651538	0.1565637	-6.172346
5925000000	2.303834613	-2.094395102	-8.349252318	-2.967164973	-11.53399826	-6.998571843	0.1462429	0.5049908	0.0702425	0.1995919	-6.3776824
5925000000	2.303834613	-2.042035225	-9.290298507	-3.245538851	-10.78709327	-5.702487596	0.1177525	0.4736375	0.0834084	0.2689994	-6.7718103
5925000000	2.303834613	-1.989675347	-9.172871615	-3.124906123	-9.085461677	-4.269652699	0.1209798	0.4849639	0.1234394	0.3741405	-5.5927837
5925000000	2.303834613	-1.93731547	-7.881660056	-2.838510221	-6.951190501	-3.382614182	0.1628673	0.520172	0.2017813	0.4589227	-4.7374399
5925000000	2.303834613	-1.884955592	-6.301923277	-2.453154818	-5.4971744874	-3.104973143	0.2343191	0.5684399	0.2823745	0.4892183	-4.0495822
5925000000	2.303834613	-1.832595715	-4.988679948	-2.007665834	-4.964710528	-2.894994618	0.3170531	0.6298446	0.3188078	0.5134528	-3.7481017
5925000000	2.303834613	-1.780235837	-4.060019733	-1.512260289	-5.03683077	-2.282765796	0.3926432	0.70595	0.3140015	0.591185	-3.0021002
5925000000	2.303834613	-1.72787596	-3.414773029	-1.025237507	-5.123144852	-1.548464316	0.455536	0.7897257	0.3010825	0.7008895	-2.5056639
5925000000	2.303834613	-1.675516082	-2.865788594	-0.613346861	-5.05627311	-1.297164873	0.5169174	0.868291	0.2947388	0.7417943	-2.179322
5925000000	2.303834613	-1.623156204	-2.233880392	-0.232946325	-5.160796326	-1.7438872	0.5978772	0.9477753	0.3047336	0.6692853	-2.007161
5925000000	2.303834613	-1.570796327	-1.470897361	0.237914782	-4.396371591	-2.546781385	0.7127058	1.0563102	0.3633815	0.5563164	-1.725154
5925000000	2.303834613	-1.518436449	-0.685008865	0.845207287	-2.986571454	-3.093448261	0.8540811	1.2144846	0.5027393	0.4966554	-1.1515928
5925000000	2.303834613	-1.466076572	-0.002701101	1.502143327	-1.571825478	-2.871352613	0.9993782	1.4132348	0.6963338	0.5162556	-0.4272773
5925000000	2.303834613	-1.413716694	0.534281783	2.065404583	-0.663306826	-2.410767992	1.1309103	1.6084923	0.8583597	0.5740149	-0.830796
5925000000	2.303834613	-1.361356817	0.966557358	2.462801407	-0.208630604	-2.267082827	1.2492683	1.761313	0.9530966	0.9532327	-0.5679071
5925000000	2.303834613	-1.309969391	1.372147228	2.749677585	0.220618761	-2.584805412	1.3715597	1.8835093	1.0521118	0.5514669	0.8445541
5925000000	2.303834613	-1.256637063	1.810093789	3.01729875	0.924751703	-2.766676047	1.5170831	2.0032257	1.2373021	0.8288992	1.2110502
5925000000	2.303834613	-1.204277186	2.277344496	3.264100148	1.706938684	-2.083061614	1.6894076	2.120362	1.4814734	0.6190045	1.6965469
5925000000	2.303834613	-1.151917304	2.701493105	3.38954985	2.123065465	-0.936267753	1.8627274	2.1825037	1.6304465	0.6060709	2.0953278
5925000000	2.303834613	-1.099557429	2.977366049	3.288480934	1.920201603	-0.247753977	1.9848097	2.132299	1.5560379	0.945492	2.1865212
5925000000	2.303834613	-1.047197551	3.027653828	2.927768741	1.245488349	-0.425506483	2.0080077	1.9623518	1.3321368	0.9066202	1.9097332
5925000000	2.303834613	-0.994837674	2.840841503	2.3408228	0.61234769	-1.306040754	1.9234646	1.7142821	1.1514227	0.7402798	1.4062186
5925000000	2.303834613	-0.942477796	2.475092095	1.552146598	0.433537334	-2.300960128	1.7681097	1.4296004	1.1049783	0.5887135	-0.8737335
5925000000	2.303834613	-0.890117919	2.039767336	0.515889388	0.470275453	-2.925604101	1.5994723	1.1263111	1.1143652	0.5098467	0.3641082
5925000000	2.303834613	-0.837758041	1.641739102	-0.827978618	0.170799738	-3.256073422	1.4593985	0.8620801	1.0401117	0.47249	-0.2249585
5925000000	2.303834613	-0.785398163	1.31808744	-2.365789432	-0.687127809	-3.394743612	1.3545927	0.5799907	0.8536645	0.4576418	-0.9072623
5925000000	2.303834613	-0.733038286	1.016840185	-3.680167902	-1.768150646	-3.314323739	1.2638165	0.428532	0.6655565	0.466195	-1.5117993
5925000000	2.303834613	-0.680678408	0.626763729	-4.469163053	-2.385881794	-3.307502806	1.1552511	0.3573417	0.5773535	0.4696278	-1.9435076
5925000000	2.303834613	-0.628318531	0.031241757	-4.865278422	-2.827237716	-3.611643005	1.0072196	0.3261911	0.5911908	0.4353471	-2.2915743
5925000000	2.303834613	-0.575958653	-0.856390302	-5.037559112	-2.042347678	-3.904272349	0.8210337	0.3135047	0.6248348	0.4069797	-2.0635078
5925000000	2.303834613	-0.523598776	-2.120820367	-4.984157765	-2.387202186	-3.995466797	0.6136461	0.3173834	0.5771381	0.3985229	-3.0217497
5925000000	2.303834613	-0.471238898	-4.658244606	-4.658244606	-3.572057423	-4.402765792	0.4132648	0.3421177	0.4393334	0.3628469	-4.096144
5925000000	2.303834613	-0.41887902	-5.853764508	-4.263998393	-5.19707515	-5.466052458	0.2597907	0.3746279	0.3076304	0.28405	-5.1353446
5925000000	2.303834613	-									

5925000000	2.303834613	2.042035225	-4.383763378	-5.00986196	-8.920689317	-2.658667007	0.364438	0.3155105	0.1282127	0.5421673	-4.7162056
5925000000	2.303834613	2.094395102	-4.747533207	-5.185809451	-8.157198293	-1.981200148	0.3351558	0.3029836	0.1528552	0.6336946	-4.483399
5925000000	2.303834613	2.14675498	-5.300407524	-5.241213705	-9.756721539	-1.289724951	0.2950932	0.2991429	0.1057616	0.7430662	-4.4277445
5925000000	2.303834613	2.199114858	-6.263233057	-5.752819446	-12.15669235	-0.940184873	0.2364159	0.2658998	0.0608598	0.8053442	-4.6580893
5925000000	2.303834613	2.251474735	-7.62315783	-6.371371233	-12.2885627	-1.136089062	0.1728559	0.2360619	0.0590396	0.7698234	-5.1133621
5925000000	2.303834613	2.303834613	-8.92302904	-6.170215128	-10.83136519	-1.675568606	0.1281437	0.2415341	0.0825778	0.6798927	-4.8515501
5925000000	2.303834613	2.35619449	-9.756639624	-5.472977869	-9.352349715	-2.422807221	0.1057636	0.2835974	0.116082	0.5724259	-5.6949406
5925000000	2.303834613	2.408554368	-10.81731747	-5.379086077	-8.469379093	-3.964401901	0.0828454	0.2897953	0.1422532	0.4013838	-6.4003288
5925000000	2.303834613	2.460914245	-13.10672361	-6.204367678	-8.990004317	-7.143620138	0.0489021	0.2396422	0.1261827	0.1930359	-8.1832588
5925000000	2.303834613	2.513274123	-16.15397939	-7.198914908	-11.52451707	-10.01979399	0.0242439	0.1905937	0.0703961	0.0995453	-10.168488
5925000000	2.303834613	2.565634	-16.76675438	-7.207538395	-15.43852469	-8.229124098	0.0210535	0.1902156	0.0285856	0.1503445	-10.107736
5925000000	2.303834613	2.617993878	-14.59172036	-6.76653327	-14.81598131	-7.380941971	0.0347399	0.2105458	0.0329915	0.1827704	-9.3831427
5925000000	2.303834613	2.670353756	-11.88322575	-6.900600514	-11.82500916	-9.223813755	0.0648153	0.2041456	0.06569	0.119569	-9.447939
5925000000	2.303834613	2.722713633	-10.28473175	-7.579181442	-10.20094523	-12.64798493	0.0936541	0.1746151	0.0954785	0.0543502	-9.8078195
5925000000	2.303834613	2.775073511	-10.29855358	-8.177109197	-10.16186014	-13.22876383	0.0933565	0.152156	0.0963416	0.0475471	-10.116627
5925000000	2.303834613	2.827433388	-11.24502076	-8.550143301	-12.13024931	-12.31571304	0.0750754	0.1396322	0.0612315	0.0586717	-10.775199
5925000000	2.303834613	2.879793266	-11.71116351	-9.212539067	-12.17860373	-13.17354451	0.0674347	0.1198798	0.0189732	0.0485563	-11.957856
5925000000	2.303834613	2.932153143	-12.03775023	-10.39437919	-28.03436178	-15.18437873	0.0625497	0.0913192	0.0015724	0.0303083	-13.31321
5925000000	2.303834613	2.984513021	-13.72192766	-11.88655588	-22.85862285	-15.94971727	0.0424431	0.0647656	0.0051778	0.0254114	-14.628175
5925000000	2.303834613	3.036872899	-16.41868752	-13.90445242	-19.93133469	-16.76738506	0.0228103	0.0406963	0.0101594	0.0210505	-16.256347
5925000000	2.303834613	3.089232776	-17.11295203	-17.33571679	-20.07548285	-19.35787668	0.0194404	0.0184684	0.0098277	0.0115934	-18.287865
5925000000	2.303834613	3.141592654	-17.25575569	-20.41820006	-22.12442636	-18.28340329	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.35619449	-3.141592654	-17.25575608	-20.41819988	-22.12442626	-18.28340347	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.35619449	-3.089232776	-17.52175199	-19.35598923	-23.21034357	-16.04203618	0.017694	0.0115985	0.0047749	0.0248769	-18.316185
5925000000	2.35619449	-3.036872899	-15.8437633	-17.87058013	-20.41140526	-15.02807492	0.026039	0.0163283	0.0090962	0.031419	-16.835971
5925000000	2.35619449	-2.984513021	-13.71789376	-14.85386895	-18.87121275	-14.40559869	0.0424826	0.0327049	0.0129682	0.036261	-15.071814
5925000000	2.35619449	-2.932153143	-11.70931021	-12.02284643	-17.82792651	-13.64809856	0.0674635	0.0627647	0.01649	0.0428144	-13.23176
5925000000	2.35619449	-2.879793266	-9.783485253	-11.36482528	-15.31130526	-10.73982787	0.1051118	0.0730327	0.0294354	0.0843368	-11.36801
5925000000	2.35619449	-2.827433388	-8.314496779	-12.11522059	-13.23609866	-8.116041995	0.1474179	0.0614438	0.0474668	0.1543106	-9.8859964
5925000000	2.35619449	-2.775073511	-7.31924147	-11.26174793	-12.16737095	-7.148082341	0.1853855	0.047868	0.0607104	0.1928376	-8.913332
5925000000	2.35619449	-2.722713633	-6.771342605	-9.114349811	-11.43300854	-6.337735998	0.2103128	0.122621	0.0718951	0.2327948	-7.9776805
5925000000	2.35619449	-2.670353756	-6.700608163	-7.6006604	-11.18666472	-4.878033162	0.2137663	0.1737537	0.0760875	0.3252346	-7.050698
5925000000	2.35619449	-2.617993878	-6.920689282	-6.592689188	-11.79989118	-4.139465343	0.2032034	0.191448	0.0660702	0.3855258	-6.6057628
5925000000	2.35619449	-2.565634	-7.113227052	-5.881012856	-12.2647581	-4.687619736	0.1943915	0.2581658	0.0593641	0.3398115	-6.7175656
5925000000	2.35619449	-2.513274123	-7.042637155	-5.673178513	-11.76874474	-5.962128223	0.197577	0.2708209	0.0665465	0.2533834	-7.0535315
5925000000	2.35619449	-2.460914245	-6.802638069	-6.047950572	-11.64872865	-6.995600963	0.2088027	0.2484305	0.0684112	0.2972847	-7.4149868
5925000000	2.35619449	-2.408554368	-6.883978705	-6.50832658	-11.94692987	-7.521361574	0.2049284	0.2219201	0.0638715	0.1769554	-7.774495
5925000000	2.35619449	-2.35619449	-7.586434197	-6.200686949	-11.19336452	-10.763633039	0.1743238	0.2398454	0.0759737	0.1521727	-7.9431156
5925000000	2.35619449	-2.303834613	-8.560534949	-4.898771204	-10.27661208	-9.014383221	0.1392985	0.3236852	0.0982894	0.1144357	-7.7517643
5925000000	2.35619449	-2.251474735	-8.980587479	-3.512981818	-10.63261672	-10.45875107	0.1264565	0.4453504	0.0864438	0.0986563	-7.2301746
5925000000	2.35619449	-2.199114858	-8.643509992	-2.690086189	-11.73131037	-8.677812656	0.1366624	0.5382591	0.0671226	0.1355872	-6.5874787
5925000000	2.35619449	-2.14675498	-8.207100731	-2.597202697	-11.66720294	-7.104234336	0.1511089	0.5498949	0.0681208	0.1947944	-6.8107943
5925000000	2.35619449	-2.094395102	-7.870702648	-3.014243757	-10.7087773	-6.063807157	0.1632788	0.4995462	0.084942	0.2475251	-6.0410947
5925000000	2.35619449	-2.042035225	-7.179147055	-3.457428714	-9.656347919	-4.817179848	0.1914632	0.5451067	0.1082344	0.3289238	-5.6819932
5925000000	2.35619449	-1.989675347	-6.137178917	-3.569292789	-7.960933853	-3.441390143	0.2433784	0.4396132	0.1599214	0.4527256	-4.8956703
5925000000	2.35619449	-1.93731547	-5.25392	-3.356174237	-6.052136916	-2.642368506	0.2982689	0.4617241	0.2481912	0.5442058	-4.1105916
5925000000	2.35619449	-1.884955592	-4.707860168	-2.990934589	-4.856439523	-2.497291485	0.3382314	0.5022345	0.3268557	0.5626921	-3.6401043
5925000000	2.35619449	-1.832595715	-4.349516998	-2.621133582	-4.604188989	-2.453887369	0.3673232	0.5468732	0.3464026	0.568344	-3.3985985
5925000000	2.35619449	-1.798205837	-3.987205427	-2.274850544	-4.914915489	-1.971738686	0.3992817	0.5922635	0.3224842	0.63057	-3.1225599
5925000000	2.35619449	-1.72787596	-3.569326774	-1.920157576	-5.188096991	-1.29459018	0.4396098	0.6426644	0.302824	0.7422342	-2.7422464
5925000000	2.35619449	-1.675516082	-3.196594042	-1.542960523	-5.207209194	-1.057214204	0.4790056	0.7009773	0.3014943	0.7839233	-2.4691327
5925000000	2.35619449	-1.623156204	-2.923653516	-1.10198216	-4.974437668	-1.482832196	0.5100757	0.7578929	0.3180946	0.7107499	-2.3754407
5925000000	2.35619449	-1.570796327	-2.62829371	-0.548907459	-4.21180082	-2.20870517	0.5459723	0.8812705	0.3791577	0.6013578	-2.2044708
5925000000	2.35619449	-1.518436449	-2.121714181	0.093520076	-2.854818365	-2.564466712	0.6135198	1.0217673	0.5182248	0.5540326	-1.6948439
5925000000	2.35619449	-1.466076572	-1.357349408	0.740042603	-1.469196584	-2.257551442	0.7315854	1.1857804	0.7129849	0.5946273	-0.9353323
5925000000	2.35619449	-1.413716694	-0.491697438	1.298279812	-0.566673771	-1.721246527	0.8929564	1.3484287	0.8776728	0.6727835	-0.2320983
5925000000	2.35619449	-1.361358817	0.270815312	1.738111994	-0.13177345	-1.553879266	1.0643428	1.4921456	0.9701137	0.6992172	0.2385041
5925000000	2.35619449	-1.308996939	0.837522867	2.111368153	0.23951228	-1.853014101	1.212697	1.6260609	1.0553466	0.6526774	0.5564413
5925000000	2.35619449	-1.256637061	1.25140501	2.458468231	0.849518496	-2.020584643	1.3339577	1.7613547	1.2148382	0.6279738	0.9510204
5925000000	2.35619449	-1.204277184	1.617647269	2.726694049	1.547577771	-1.388277921	1.4513252	1.8735678	1.4280972	0.7263939	1.3667175
5925000000	2.35619449	-1.151917306	1.99661904	2.818225563	1.913427403	-0.340583368	1.5836598	1.913474	1.5536126	0.924574	1.7430121
5925000000	2.35619449	-1.099557429	2.348502025	2.679981418	1.687269445	0.262532126	1.7173159	1.8535237	1.474779	1.0623148	1.838343
5925000000	2.35619449	-1.047197551	2.580669704	2.334821965	1.020310446	0.016366828	1.8116194	1.711915	1.2648268	1.0037757	1.6077883
5925000000	2.35619449	-0.994837674	2.627946939	1.836973768	0.428781274	-0.958738079	1.8314484	1.526502	1.1037688	0.801911	1.1922539
5925000000	2.35619449	-0.942477796	2.485496624	1.192198323	0.299762686	-2.136584133	1.7723507	1.3158907	1.0714608	0.6114229	0.7656081
5925000000	2.35619449	-0.890117919	2.189259014	0.337634758	0.364508912	-3.012154133	1.6554875	1.0808451	1.0875542	0.4997866	0.7337928
5925000000	2.35619449	-0.837758041	1.781981221	-0.765936592	0.070168335	-3.500874882	1.5072945	0.8383133	1.0162881	0.4457936	-0.2130773
5925000000	2.35619449	-0.785398163	1.306011514	-1.996038827	-0						

5925000000	2.35619449	1.623156204	-2.118015213	0.582985041	-4.122289564	1.430504488	0.6140426	1.1436641	0.3870535	1.3901141	-0.5368601
5925000000	2.35619449	1.675516082	-2.243064528	0.332327835	-4.289779103	0.340638107	0.5966141	0.1095252	0.3724106	1.0815929	-1.0649583
5925000000	2.35619449	1.72787596	-2.424493285	-0.160556724	-4.485064279	-1.488093027	0.5722037	0.9637055	0.3560357	0.7098894	-1.8670081
5925000000	2.35619449	1.780235837	-2.687311993	-0.640015371	-4.965394976	-3.529051762	0.538603	0.8629755	0.3187576	0.4437055	-2.6679438
5925000000	2.35619449	1.82595715	-2.994029206	-0.969511261	-4.725447604	-4.725447604	0.5018768	0.7999243	0.2260375	0.3368645	-3.0481341
5925000000	2.35619449	1.884955592	-3.290461396	-1.397926291	-10.10903783	-4.708284847	0.4687636	0.724782	0.0975206	0.3381984	-3.900684
5925000000	2.35619449	1.93731547	-3.533949113	-2.264046584	-16.03480517	-4.266260802	0.4432054	0.5937387	0.0249184	0.3744328	-4.4481625
5925000000	2.35619449	1.989675347	-3.710167525	-3.5341355	-11.8136198	-3.916860641	0.425582	0.4431864	0.0658625	0.4058018	-4.7481499
5925000000	2.35619449	2.042035225	-3.864732328	-4.577904694	-8.256447337	-3.475957004	0.410702	0.3485054	0.1494016	0.4491633	-4.6923304
5925000000	2.35619449	2.093495102	-4.160230075	-4.799862917	-7.953340605	-2.631514965	0.3836869	0.3311416	0.1602013	0.5455675	-4.9458901
5925000000	2.35619449	2.14675498	-4.853507477	-4.692241035	-15.701704376	-1.732818406	0.3270764	0.3394501	0.0964485	0.6709933	-4.4552044
5925000000	2.35619449	2.191114858	-6.126285014	-4.982884893	-13.01134446	-1.391050886	0.2439897	0.3174764	0.049988	0.7259303	-4.7580374
5925000000	2.35619449	2.251474735	-7.850216879	-5.662305134	-12.22111572	-1.706278934	0.1640508	0.2714998	0.0599637	0.6751062	-5.3364387
5925000000	2.35619449	2.303834613	-9.402932354	-6.108807687	-10.2395211	-2.162543397	0.1147379	0.2449736	0.0946342	0.607779	-5.7588455
5925000000	2.35619449	2.35619449	-10.34855652	-6.171029977	-8.8856163	-2.455143728	0.0922878	0.2414888	0.1292523	0.5681796	-5.8871349
5925000000	2.35619449	2.408554368	-11.40136416	-6.5608404	-8.402033185	-3.298200939	0.0724208	0.2207578	0.1444763	0.4679289	-6.4513132
5925000000	2.35619449	2.460914245	-12.80309035	-7.633425005	-9.522463084	-5.385716002	0.0524434	0.1724477	0.111623	0.2893533	-8.0557764
5925000000	2.35619449	2.513274123	-12.75974021	-8.516100122	-13.18641543	-7.471008577	0.0529695	0.1407311	0.048013	0.179019	-8.7805388
5925000000	2.35619449	2.565634	-11.35217755	-8.116508048	-7.53085013	-7.004555954	0.0732457	0.1542941	0.0176569	0.199317	-9.5417482
5925000000	2.35619449	2.617993878	-10.19233838	-7.413195551	-13.58182898	-6.551628938	0.0956679	0.181418	0.0438346	0.212265	-8.6794294
5925000000	2.35619449	2.670353756	-9.311205282	-7.332626652	-10.55299428	-7.943018527	0.117187	0.1848151	0.0880442	0.1605825	-8.6120115
5925000000	2.35619449	2.722713633	-8.943702996	-7.630483284	-9.533606872	-10.79921578	0.1273531	0.1725646	0.1113369	0.0831914	-9.0778127
5925000000	2.35619449	2.775073511	-9.630068372	-7.777924214	-10.04218087	-12.57892345	0.1088913	0.1668044	0.0990335	0.0552214	-9.6864143
5925000000	2.35619449	2.827433388	-11.04560756	-7.877443374	-12.46032168	-12.17498772	0.078603	0.1630255	0.0567503	0.060604	-10.469863
5925000000	2.35619449	2.879793266	-11.82198185	-8.417259399	-18.16814415	-12.61928395	0.0657358	0.1397077	0.015247	0.0547106	-11.5542323
5925000000	2.35619449	2.932153143	-12.26945141	-9.581125317	-28.85415155	-14.61104978	0.0593	0.1101254	0.0013019	0.0345856	-12.896437
5925000000	2.35619449	2.984513021	-14.05271747	-11.23025298	-21.91941977	-15.94004391	0.0393304	0.0753312	0.0064277	0.025468	-14.360524
5925000000	2.35619449	3.036872899	-16.77913311	-13.49705342	-19.61811205	-16.94323872	0.0209936	0.046987	0.0109191	0.0202151	-16.160656
5925000000	2.35619449	3.089232776	-17.28376616	-17.07559682	-20.02275122	-19.52370433	0.0186906	0.0196083	0.009477	0.0111591	-18.282313
5925000000	2.35619449	3.141592654	-17.25575608	-20.41819988	-22.12442626	-18.28340347	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.408554368	3.141592654	-17.25575623	-20.41811991	-22.12442638	-18.28340327	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.408554368	3.089232776	-17.13886821	-19.60905089	-22.97765597	-16.15099729	0.0193247	0.010942	0.0050377	0.0242605	-18.720694
5925000000	2.408554368	3.036872899	-15.29967879	-18.22549759	-20.25436886	-15.25323627	0.0295143	0.015047	0.0094311	0.0283618	-16.789611
5925000000	2.408554368	2.984513021	-13.35862543	-15.38693032	-18.79374757	-14.32059871	0.0461464	0.0289272	0.0132016	0.0369777	-15.042723
5925000000	2.408554368	2.932153143	-11.68986492	-12.55873539	-17.78186169	-12.98181275	0.0677663	0.0554787	0.0166653	0.050329	-13.227596
5925000000	2.408554368	2.879793266	-10.03379129	-12.02779753	-15.46397078	-10.10547167	0.0992249	0.0626932	0.0284186	0.0976007	-11.4276131
5925000000	2.408554368	2.827433388	-8.571903133	-13.39678217	-13.51298376	-7.785038498	0.1389344	0.0457427	0.044535	0.1665314	-10.046462
5925000000	2.408554368	2.775073511	-7.336422195	-12.732451	-12.41340154	-6.955537704	0.1846536	0.0533034	0.0573667	0.2015794	-9.0578826
5925000000	2.408554368	2.722713633	-6.464024572	-9.845098679	-11.64210309	-6.206440222	0.2257343	0.1036311	0.0685156	0.2395278	-7.9764189
5925000000	2.408554368	2.670353756	-6.105338439	-7.702339608	-11.46846473	-4.867056278	0.2451693	0.1697329	0.0713075	0.3260576	-6.9236098
5925000000	2.408554368	2.617993878	-6.131906856	-6.219451216	-12.17489053	-4.712338376	0.2436741	0.2388113	0.0606053	0.3739914	-6.3965176
5925000000	2.408554368	2.565634	-6.367790589	-5.214789756	-12.63234974	-4.961122848	0.2307921	0.3009685	0.0545463	0.3190713	-6.4522999
5925000000	2.408554368	2.513274123	-6.746783715	-4.874487777	-12.10375626	-3.686695445	0.2115055	0.3255002	0.0616062	0.2297896	-6.8381912
5925000000	2.408554368	2.460914245	-7.218888924	-5.284584886	-11.94934144	-7.527039462	0.1897191	0.2961703	0.063836	0.1767242	-7.8035446
5925000000	2.408554368	2.408554368	-7.902719459	-6.213590271	-12.09539583	-8.031573296	0.1620795	0.2391338	0.0617249	0.1574133	-8.0947258
5925000000	2.408554368	2.35619449	-6.882521265	-11.33129315	-8.569080281	-7.569080281	0.1315081	0.2049972	0.0735988	0.1390247	-8.6238582
5925000000	2.408554368	2.303834613	-9.237765949	-6.351821475	-10.67361152	-9.451667748	0.1191855	0.2316423	0.0856325	0.1134575	-8.6176219
5925000000	2.408554368	2.251474735	-8.695454629	-4.984361498	-11.21490593	-9.218270365	0.1350375	0.3173685	0.0755978	0.1197217	-9.706689
5925000000	2.408554368	2.199114858	-7.844587306	-3.84642005	-11.84905427	-7.349163673	0.1642636	0.4124374	0.0653273	0.1841127	-8.6508599
5925000000	2.408554368	2.14675498	-7.128646973	-3.446397404	-10.94533367	-5.784707978	0.1937025	0.4522309	0.0806393	0.2639656	-6.0619353
5925000000	2.408554368	2.094395102	-6.338663239	-3.707272777	-9.696494376	-4.864286463	0.2323452	0.4258658	0.1072385	0.3262657	-5.9390969
5925000000	2.408554368	2.042035225	-5.289281868	-4.15248704	-8.60726714	-3.865652482	0.2958502	0.3843716	0.1378089	0.4122339	-5.1206145
5925000000	2.408554368	1.989675347	-4.359423942	-4.246336235	-7.004179957	-2.739772592	0.3664862	0.3761546	0.1993343	0.5321356	-4.3352296
5925000000	2.408554368	1.93731547	-4.000974545	-3.860140322	-5.3043321	-2.164095657	0.3980178	0.4111364	0.2948267	0.6075616	-3.6867228
5925000000	2.408554368	1.884955592	-3.287958962	-3.452354201	-4.228255396	-3.3777152	0.4690338	0.3669243	0.598652	0.34382386	-3.4382386
5925000000	2.408554368	1.832595715	-4.610038994	-2.584892113	-4.375011934	-2.400754362	0.3459363	0.518216	0.3651731	0.57534	-3.4566331
5925000000	2.408554368	1.780235837	-4.602928694	-2.64642538	-4.927006614	-2.072719279	0.3465031	0.5436997	0.3215876	0.6204804	-3.390708
5925000000	2.408554368	1.72778596	-4.130022544	-2.5343556	-5.235431356	-1.444761865	0.386365	0.5579104	0.2995414	0.7170077	-3.0962128
5925000000	2.408554368	1.675516082	-3.538459437	-2.344887033	-5.098870303	-1.19516252	0.4427454	0.5827889	0.3091099	0.759423	-2.8106936
5925000000	2.408554368	1.623156204	-3.025353366	-1.992349777	-4.734184086	-1.560697594	0.4982699	0.6320698	0.3361875	0.6981203	-2.6667281
5925000000	2.408554368	1.570796327	-2.482011339	-1.518421783	-3.963046318	-2.155980651	0.5646754	0.7049492	0.4015091	0.6086981	-2.4415719
5925000000	2.408554368	1.518436449	-1.767826064	-1.024178769	-2.266524012	-2.328094493	0.6656063	0.7899182	0.541347	0.5850467	-1.90011752
5925000000	2.408554368	1.466076572	-0.934817368	-0.566130881	-1.322890349	-1.877292157	0.8063401	0.8777825	0.7374133	0.6496291	-1.1474788
5925000000	2.408554368	1.413716694	-0.127409525	-0.131066527	-0.443744937	-1.277200871	0.971089	0.9702717	0.9028706	0.7452121	-0.4703288
5925000000	2.408554368	1.361356817	0.58942515	0.327194506	-0.048317037	-1.10063934	1.1373503	1.07825	0.9889362	0.7761329	-0.0210388
5925000000	2.408554368	1.308996939	1.096575755	0.832707261	-0.37687657	-1.388021384	1.2872342	1.211353	1.056255	0.7264368	-0.2951354
5925000000	2.408554368	1.256637061	1.503480813	1.327712278	0.750341224	-1.543127355	1.4136701	1.3575981	1.1885956	0.7009504	0.664018
5925000000	2.408554368	1.204277184	1.808727518	1.6924							

5925000000	2.408554368	1.204277184	0.082838042	0.632664154	0.275952457	5.615329937	1.0192572	1.1568217	1.0656025	3.6436193	2.3586292
5925000000	2.408554368	1.256637061	0.2585478	0.307052919	-0.231844334	5.524164971	1.0613406	1.0732609	0.9480158	3.5679314	2.2079748
5925000000	2.408554368	1.308996939	0.276463407	0.237512851	-0.520545734	5.390732924	1.0657279	1.0562125	0.8861269	3.4599762	2.0871304
5925000000	2.408554368	1.361356817	0.104784463	0.389920177	-0.858678785	4.849053609	1.0244209	1.0939363	0.8206012	3.0542555	1.7559988
5925000000	2.408554368	1.413716694	-0.231451759	0.527955479	-1.538364025	3.791177279	0.9481015	1.1292642	0.7017196	2.3939646	1.1168667
5925000000	2.408554368	1.466076572	-0.671499704	0.531326421	-2.499668855	2.618045869	0.8567419	1.130141	0.5623842	1.8727278	0.3907141
5925000000	2.408554368	1.518436449	-1.140442131	0.510835079	-0.371022882	1.973148613	0.7690521	1.1248212	0.4708252	1.5751244	-0.0658328
5925000000	2.408554368	1.570796327	-1.564215169	0.597158259	-3.571512774	1.807211374	0.697555	1.1474026	0.4393885	1.5160766	-0.2222808
5925000000	2.408554368	1.623156204	-1.90144008	0.681501017	-3.688276678	1.44001907	0.6454402	1.1699307	0.4277326	1.3931629	-0.4107573
5925000000	2.408554368	1.675516082	-2.173000573	0.543062181	-3.925704869	0.452319117	0.6063173	1.1331991	0.4049762	1.1097167	-0.8960771
5925000000	2.408554368	1.72787596	-2.436789823	0.135069216	-4.39729067	-1.071454474	0.5705859	1.0315895	0.3633046	0.7813661	-1.6322566
5925000000	2.408554368	1.780235837	-2.749165075	-0.363251205	-5.365598609	-2.546206143	0.5309865	0.9197606	0.2906967	0.5563901	-2.4074136
5925000000	2.408554368	1.832595715	-3.157330687	-0.791449911	-7.501633053	-3.278109943	0.4833558	0.8334029	0.1777611	0.4700987	-3.0878178
5925000000	2.408554368	1.884955592	-3.67113166	-1.322821205	-12.0900411	-3.349919648	0.4294245	0.737425	0.0618011	0.4623896	-3.7390606
5925000000	2.408554368	1.93731547	-4.214468688	-2.320825804	-16.72284813	-3.380934562	0.3789249	0.5860267	0.0212674	0.4590992	-4.420965
5925000000	2.408554368	1.989675347	-4.659462635	-3.864056888	-10.66971029	-3.642251736	0.3420218	0.4107658	0.0857095	0.4322896	-4.9798732
5925000000	2.408554368	2.042035225	-4.986762902	-5.304464531	-7.697047756	-3.711478382	0.3171931	0.2948177	0.1699398	0.4254536	-5.2020731
5925000000	2.408554368	2.094395102	-5.399778155	-5.598111609	-7.841203733	-3.059339173	0.2884179	0.2755427	0.1643916	0.4943859	-5.1472657
5925000000	2.408554368	2.14675948	-6.193326313	-5.075971795	-10.67952638	-2.259003464	0.2402522	0.310744	0.085516	0.5944285	-5.1182283
5925000000	2.408554368	2.199114858	-7.471030585	-4.761182763	-14.05523481	-2.167910847	0.1790181	0.334104	0.0393076	0.6070283	-5.1388047
5925000000	2.408554368	2.251474735	-8.85560782	-4.862989954	-12.18432346	-2.794789412	0.1301485	0.3263631	0.0604739	0.5254375	-5.8401604
5925000000	2.408554368	2.303834613	-9.60621174	-5.080163144	-9.84912249	-3.154592032	0.1094911	0.3104443	0.1035351	0.4836607	-5.9879393
5925000000	2.408554368	2.35619449	-9.755382304	-5.421310651	-8.69676882	-2.793217986	0.1057942	0.2869914	0.1358415	0.5256265	-5.7911444
5925000000	2.408554368	2.408554368	-9.954910532	-6.383764799	-8.589188574	-2.87703951	0.1010436	0.2299448	0.1383825	0.515558	-6.0864542
5925000000	2.408554368	2.460914245	-9.90950747	-8.241764061	-10.3612756	-4.156615671	0.1021055	0.1499076	0.0920179	0.3840062	-6.7395963
5925000000	2.408554368	2.513274123	-9.0217522	-9.883340196	-15.41460689	-5.84805926	0.1252636	0.1027226	0.0287435	0.2601322	-8.8868554
5925000000	2.408554368	2.565634	-8.043123976	-9.424052809	-17.77117069	-6.185036864	0.1569234	0.1141812	0.0167064	0.2407112	-8.7896732
5925000000	2.408554368	2.617993878	-7.59507013	-8.348225094	-11.89886056	-6.046285895	0.1739775	0.1462775	0.0645824	0.2485258	-8.0040725
5925000000	2.408554368	2.670353756	-7.521124639	-7.945516978	-9.398379708	-6.957824005	0.1769651	0.1604901	0.1148582	0.2014733	-7.8662389
5925000000	2.408554368	2.722713633	-7.874827506	-7.890326388	-9.82083893	-9.066097327	0.1631238	0.1625427	0.126413	0.123991	-8.4158441
5925000000	2.408554368	2.775073511	-7.718640933	-10.03841192	-11.29893432	-11.29893432	0.1233058	0.169097	0.0991194	0.0741492	-9.3398044
5925000000	2.408554368	2.827433388	-10.92818237	-7.593535912	-12.95301499	-11.86506805	0.0807573	0.1740389	0.0506639	0.0650688	-10.332167
5925000000	2.408554368	2.879393266	-11.96450513	-7.996071267	-19.42069828	-12.32769578	0.0636135	0.1599053	0.011427	0.05851	-11.344464
5925000000	2.408554368	2.932153143	-12.51228998	-9.030231808	-28.2945501	-14.28970724	0.0560752	0.1250192	0.001481	0.0372417	-12.599985
5925000000	2.408554368	2.984513021	-14.40507055	-10.73893324	-21.00110894	-15.98149033	0.0362654	0.0843542	0.0079413	0.0522261	-14.151403
5925000000	2.408554368	3.036872899	-17.15211387	-13.16018692	-19.30771891	-17.15018997	0.0192659	0.0483038	0.0117274	0.0192744	-16.083077
5925000000	2.408554368	3.089232776	-17.45157927	-16.83720897	-19.97428164	-19.710059	0.0179822	0.0207147	0.0100594	0.0106904	-18.2793242
5925000000	2.408554368	3.141592654	-17.25575623	-20.41819991	-22.12442638	-18.28340327	0.0188115	0.009082	0.0061314	0.0148477	-19.129936
5925000000	2.460914245	3.141592654	-17.25575584	-20.41819982	-22.12442602	-18.28340324	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.460914245	-3.089232776	-16.78223663	-22.74969085	-16.26249653	-16.26249653	0.0209786	0.0103458	0.0053092	0.0236456	-18.1281963
5925000000	2.460914245	-3.036872899	-14.79278605	-18.5226046	-20.06914874	-15.45577953	0.0331682	0.014052	0.009842	0.0284723	-16.6999186
5925000000	2.460914245	-2.984513021	-12.95076244	-15.94136903	-18.65732286	-14.13818718	0.0506902	0.0254603	0.0136228	0.038564	-19.3397072
5925000000	2.460914245	-2.932153143	-11.50642062	-13.16191421	-17.70176061	-12.30278269	0.07069	0.0482846	0.0169762	0.0588466	-13.124769
5925000000	2.460914245	-2.879793266	-10.04060663	-12.70936704	-15.64140855	-9.587339926	0.0990694	0.0535875	0.0272809	0.099679	-11.398033
5925000000	2.460914245	-2.827433388	-8.566475254	-14.75251435	-13.87190865	-7.573936477	0.1391081	0.0334772	0.0410024	0.1762221	-10.112073
5925000000	2.460914245	-2.775073511	-7.187180372	-14.68488251	-12.7887562	-16.809414788	0.1911094	0.0340026	0.0526168	0.2085732	-9.1515399
5925000000	2.460914245	-2.722713633	-6.188001432	-11.04824615	-11.98125929	-6.135605598	0.240547	0.0785553	0.0633686	0.2434666	-8.0552905
5925000000	2.460914245	-2.670353756	-5.741406263	-8.372368809	-11.81362171	-4.976338667	0.2665995	0.1454665	0.0586879	0.3179553	-7.0120773
5925000000	2.460914245	-2.617993878	-5.67276307	-6.512720899	-12.525438578	-4.554538578	0.2708468	0.2321213	0.0559437	0.3503855	-6.4762731
5925000000	2.460914245	-2.565634	-5.863695104	-5.229438728	-12.98856517	-5.384733119	0.2591973	0.299955	0.0502475	0.2894188	-6.4838795
5925000000	2.460914245	-2.513274123	-6.447514599	-4.673849368	-12.52710616	-6.948010309	0.2265941	0.3408906	0.0558829	0.2019291	-6.8544987
5925000000	2.460914245	-2.460914245	-7.414491347	-4.880356198	-12.34362918	-8.193080355	0.1813639	0.3250606	0.0582958	0.1515975	-7.4695425
5925000000	2.460914245	-2.408554368	-8.401612597	-5.692554261	-12.31425857	-8.630066036	0.1444903	0.2696153	0.0586914	0.1370861	-8.168134
5925000000	2.460914245	-2.35619449	-8.659415273	-6.685134555	-11.60051117	-8.874600196	0.1361628	0.2145293	0.069175	0.1295806	-8.621337
5925000000	2.460914245	-2.303834613	-7.728713122	-7.014562343	-11.21431057	-9.096543974	0.1687053	0.1988583	0.0756083	0.1231248	-8.4901595
5925000000	2.460914245	-2.251474735	-6.502164651	-6.193090945	-11.73136325	-8.040481462	0.2237606	0.2402652	0.0671218	0.1570189	-7.6436694
5925000000	2.460914245	-2.199114858	-5.782983862	-5.027919071	-11.53120624	-5.983175986	0.2640594	0.3142014	0.0702877	0.2521636	-6.4474
5925000000	2.460914245	-2.14675948	-5.481347421	-4.417872273	-10.03809767	-4.474717412	0.2830514	0.361587	0.0991266	0.356885	-5.6040179
5925000000	2.460914245	-2.094395102	-5.098117136	-4.539286045	-8.836403266	-3.647524229	0.3091636	0.3516182	0.1307253	0.4317651	-5.1453687
5925000000	2.460914245	-2.042035225	-4.434316483	-4.971443165	-7.844394325	-2.889042345	0.3602204	0.318314	0.1642709	0.514157	-4.6949221
5925000000	2.460914245	-1.989675347	-3.864208381	-5.030947932	-6.344674627	-2.133355139	0.4107515	0.3139823	0.2320238	0.6108775	-4.0653805
5925000000	2.460914245	-1.93731547	-3.786752731	-4.440045712	-4.822736175	-1.870265595	0.4181429	0.3597455	0.3294021	0.6500899	-3.5719419
5925000000	2.460914245	-1.884955592	-4.100558404	-3.562385857	-4.105072462	-2.234570672	0.3889951	0.4403129	0.388591	0.5977821	-3.430204
5925000000	2.460914245	-1.832595715	-4.16499333	-2.840786625	-4.410510314	-2.747593612	0.3832663	0.5199018	0.3622004	0.5311787	-3.462134
5925000000	2.460914245	-1.780235837	-3.590916369	-2.425932538	-5.204532552	-2.69939837	0.4374298	0.5720141	0.3016802	0.5371062	-3.3530391
5925000000	2.460914245	-1.72787596	-2.740791343	-2.212625492	-5.5550451	-2.170232509	0.5320113	0.6008104	0.2847407	0.6067308	-2.9573923
5925000000	2.460914245	-1.675516082	-1.934083181	-2.012570756	-4.50780817	-1.901577352	0.640607	0.6291337	0.3127657	0.6454198	-2.5415918
5925000000	2.460914245	-1.623									

5925000000	2.460914245	0.785398163	-2.818649776	-0.741362111	0.143045573	1.010965633	0.5225586	0.8430703	1.0334859	1.2621081	-0.3843381
5925000000	2.460914245	0.837758041	-1.86523234	-0.261077004	0.448831352	1.919205754	0.6508438	0.941656	1.1088764	1.5556811	0.2704951
5925000000	2.460914245	0.890117919	-1.271385185	0.110353633	0.200864437	2.100864437	0.7462107	1.2236015	1.0689162	1.6221329	0.4756684
5925000000	2.460914245	0.942477796	-0.971794073	0.405110556	0.066536956	1.803898348	0.7995039	1.0977692	1.0154387	1.5149205	0.4411156
5925000000	2.460914245	0.994837674	-0.761210358	0.693927666	0.263067084	2.57130545	0.8392261	1.173256	1.0624456	1.8077174	0.865951
5925000000	2.460914245	1.047197551	-0.440820027	0.995010336	0.787822141	4.138215894	0.9034789	1.2574798	1.1988979	2.5931139	1.7267374
5925000000	2.460914245	1.099557429	-0.004077886	1.226490977	1.109284635	5.161638369	0.9990615	1.3263224	1.2910066	3.2821909	2.366998
5925000000	2.460914245	1.151917306	0.392139507	1.275506791	0.924330586	5.397629523	1.0944954	1.3413765	1.2371805	3.4654765	2.5154873
5925000000	2.460914245	1.204277184	0.625142575	1.115957272	0.368665717	5.251375594	1.1548199	1.2929971	1.0885956	3.3507155	2.3597783
5925000000	2.460914245	1.256637061	0.689897741	0.876399913	-0.153716754	5.126505533	1.1721678	1.2236015	0.9652245	3.2557463	2.1858408
5925000000	2.460914245	1.308996939	0.643581186	0.764693285	-0.429760883	4.94451284	1.1597333	1.19253	0.9057825	3.1221322	2.027728
5925000000	2.460914245	1.361356817	0.527107955	0.849112581	-0.701973106	4.369020327	1.1290438	1.2159375	0.8507514	2.7346518	1.7102286
5925000000	2.460914245	1.413716694	0.334592225	0.982582924	-1.29061661	3.356347418	1.0800882	1.2538867	0.7429137	2.1658817	1.1750084
5925000000	2.460914245	1.466076572	0.027801836	1.014324091	-2.159780761	2.383887643	1.0064221	1.2630845	0.6081657	1.7313655	0.6155029
5925000000	2.460914245	1.518436449	-0.434592151	0.981411646	-2.887303072	2.016565105	0.9047754	1.2535486	0.514363	1.5909499	0.2772022
5925000000	2.460914245	1.570796327	-1.066351843	1.022480718	-3.190242436	2.036679508	0.7822847	1.265459	0.4797067	1.5983355	0.1344669
5925000000	2.460914245	1.623156204	-1.827442905	1.118478682	-3.321519261	1.819610623	0.6565317	1.2937426	0.4654232	1.5204112	-0.069929
5925000000	2.460914245	1.675516082	-2.613794333	1.08756142	-3.655264679	1.094956255	0.5477982	1.2845652	0.4309963	1.2867543	-0.518177
5925000000	2.460914245	1.72787596	-3.30047811	0.819719314	-4.427072261	0.032102896	0.4676837	1.2077358	0.3608218	1.0074194	-1.1866377
5925000000	2.460914245	1.780235837	-3.85917309	0.381654154	-5.939632292	-0.92377115	0.411228	1.0918561	0.2547045	0.8084029	-1.9277091
5925000000	2.460914245	1.832595715	-4.42301083	-0.109424719	-8.875050598	-1.461307518	0.3611594	0.9751188	0.1295672	0.7142812	-2.6357828
5925000000	2.460914245	1.884955592	-5.168378618	-0.750023711	-14.746007305	-1.719149294	0.3042021	0.8413905	0.0343004	0.6731085	-3.3418422
5925000000	2.460914245	1.93731547	-6.126110525	-1.854526407	-15.55782953	-2.027997778	0.2349995	0.8624502	0.027811	0.6269028	-4.114024
5925000000	2.460914245	1.989675347	-7.099438677	-3.614460987	-9.522301214	-2.490879906	0.1950097	0.4350648	0.1116272	0.5635203	-4.8637459
5925000000	2.460914245	2.042035225	-7.821129099	-5.676268829	-7.171942191	-2.707700573	0.1651532	0.2706282	0.1917811	0.5360804	-5.3624024
5925000000	2.460914245	2.094395102	-8.259638795	-6.764563699	-7.192014474	-2.289190295	0.1492919	0.2106414	0.1690752	0.5903111	-5.5310592
5925000000	2.460914245	2.14675498	-8.569808372	-6.269646181	-11.15790928	-1.84069725	0.1390014	0.2360641	0.0756965	0.6545311	-5.8242788
5925000000	2.460914245	2.199114858	-8.708837438	-5.430199204	-15.23052579	-2.183009474	0.1346221	0.2864047	0.029988	0.6049215	-5.7842229
5925000000	2.460914245	2.251474735	-8.440270219	-4.862886902	-12.29060924	-3.266122427	0.1432099	0.3263708	0.0590118	0.471398	-6.620641
5925000000	2.460914245	2.303834613	-7.875025174	-4.450081546	-9.708360495	-3.712404469	0.1631163	0.3589152	0.1064959	0.4253628	-5.7907921
5925000000	2.460914245	2.35619449	-7.463933581	-4.37035895	-8.70325896	-2.945304162	0.1793109	0.3655623	0.1347867	0.5057392	-5.7824788
5925000000	2.460914245	2.408554368	-7.353197284	-5.148574962	-9.011445506	-2.603991865	0.1839417	0.3059924	0.1255612	0.549036	-5.3605803
5925000000	2.460914245	2.460914245	-7.163208081	-7.130750022	-11.45124112	-3.58210383	0.1921672	0.1396088	0.0715939	0.4477915	-6.4725747
5925000000	2.460914245	2.513274123	-6.652911634	-9.694065071	-17.69532855	-5.185356093	0.2161269	0.1072985	0.0170007	0.3030152	-7.9355108
5925000000	2.460914245	2.565634	-6.241983657	-10.33279879	-15.68563618	-6.033403118	0.2375755	0.0926233	0.0270045	0.2492641	-8.1925257
5925000000	2.460914245	2.617993878	-6.237490312	-9.291684205	-10.34050776	-5.951851516	0.2378214	0.1177149	0.092459	0.2539911	-7.5573129
5925000000	2.460914245	2.670333756	-6.553633601	-8.59144374	-8.486142039	-6.277750896	0.2220428	0.1383107	0.1417052	0.2356269	-7.3418872
5925000000	2.460914245	2.722713633	-7.255847977	-8.266529591	-8.612035866	-7.690859081	0.1881114	0.1490552	0.1376564	0.1701822	-7.9249788
5925000000	2.460914245	2.775073511	-8.836566593	-7.930604182	-10.18959713	-9.98096317	0.1307204	0.1610422	0.0958086	0.1004393	-9.1363091
5925000000	2.460914245	2.825147338	-11.02451924	-7.637464274	-13.6284318	-11.48038389	0.0789856	0.1722874	0.0433667	0.1711151	-10.388699
5925000000	2.460914245	2.879793266	-12.21818249	-7.792958081	-21.001071	-12.24686694	0.0600042	0.166228	0.0079413	0.0596092	-11.340337
5925000000	2.460914245	2.932153143	-12.80065458	-8.709072941	-26.49805214	-14.20843492	0.0524728	0.1346148	0.0022397	0.0379452	-12.455131
5925000000	2.460914245	2.984513029	-14.79141303	-10.40049068	-20.13116018	-16.09102668	0.0331786	0.0911398	0.0097025	0.0245979	-14.015657
5925000000	2.460914245	3.036878991	-17.53218716	-12.89486086	-19.0079519	-17.38955237	0.0176515	0.0513469	0.0125662	0.0185408	-16.029059
5925000000	2.460914245	3.089232776	-17.61407705	-16.62124273	-19.93111888	-19.91740639	0.0173218	0.0217709	0.0101599	0.010192	-18.279483
5925000000	2.460914245	3.141592654	-17.25575584	-20.41819982	-22.12442602	-18.28340324	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.513274123	-3.141592654	-17.25575552	-20.41820008	-22.12442652	-18.28340311	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.513274123	-3.089232776	-16.45175859	-20.08182966	-22.5281375	-16.32753036	0.0226373	0.0098133	0.0055871	0.0203097	-18.161793
5925000000	2.513274123	-3.036872899	-14.32705408	-18.73263854	-19.86202482	-15.63281418	0.0369228	0.0133886	0.0103228	0.027335	-17.5577294
5925000000	2.513274123	-2.984513021	-12.51440021	-16.47182123	-18.46987084	-13.8878464	0.056048	0.0225329	0.0142237	0.0408522	-17.606889
5925000000	2.513274123	-2.932153143	-11.16262347	-13.7968474	-17.58162257	-11.68000226	0.0765134	0.0417172	0.0174517	0.0679203	-12.932765
5925000000	2.513274123	-2.879793266	-9.772329694	-13.28063267	-15.81792521	-9.711290253	0.1053821	0.0469826	0.0261963	0.1210239	-11.255401
5925000000	2.513274123	-2.827433388	-8.292783115	-15.51591162	-14.29060281	-7.363533307	0.1481568	0.0280808	0.037234	0.1835045	-10.032397
5925000000	2.513274123	-2.775073511	-6.931176296	-16.13793147	-13.28515686	-6.68639003	0.2027134	0.0243336	0.0469336	0.2144673	-9.1324175
5925000000	2.513274123	-2.722713633	-6.028002878	-12.23973463	-12.45013056	-6.098565926	0.2495742	0.0597072	0.0568836	0.245552	-8.1550949
5925000000	2.513274123	-2.670353756	-5.675734944	-9.338651334	-12.23006984	-5.171059863	0.2706615	0.1164488	0.0598402	0.3040143	-7.2644043
5925000000	2.513274123	-2.617993878	-5.557906593	-7.313722902	-12.87287154	-4.955167086	0.2781053	0.1856213	0.0516075	0.1935091	-6.8045505
5925000000	2.513274123	-2.565634	-5.529313276	-5.872212549	-13.37265447	-5.934220337	0.2799424	0.2568995	0.0459975	0.2550222	-6.7796088
5925000000	2.513274123	-2.513274123	-5.890016391	-5.154489637	-13.04661097	-7.660527705	0.2576311	0.3051765	0.0495837	0.1713749	-7.0787346
5925000000	2.513274123	-2.460914245	-6.711752525	-5.122958202	-12.82276343	-9.070358719	0.2132184	0.3074002	0.0522064	0.1238694	-7.5901763
5925000000	2.513274123	-2.408554368	-7.39730697	-5.568922728	-12.627539	-9.406781126	0.182083	0.2774008	0.0546067	0.1146362	-8.0359877
5925000000	2.513274123	-2.35619449	-7.109587389	-6.203077955	-12.03161997	-9.210387298	0.1945545	0.2797133	0.062638	0.1199392	-8.1188388
5925000000	2.513274123	-2.303834613	-5.979322034	-6.555114737	-11.87841982	-8.71895284	0.2523875	0.221049	0.064887	0.1343089	-7.7428222
5925000000	2.513274123	-2.251474735	-4.948590847	-6.137761637	-12.07302926	-7.115341883	0.3199933	0.2433458	0.0620411	0.1942969	-6.884171
5925000000	2.513274123	-2.199114858	-4.529619562	-5.22163289	-10.96504772	-4.993381072	0.3524017	0.3004946	0.080747	0.3167101	-5.810026
5925000000	2.513274123	-2.14675498	-4.564644808	-4.612790247	-9.27097252	-3.504420387	0.3495711	0.3457172	0.1182777	0.4642292	-5.0176007
5925000000	2.513274123	-2.094395102	-4.599768846	-4.684140135	-8.270586867	-2.69799823	0.3467553	0.3030838	0.148916	0.5357794	-4.6437854
5925000000	2.513274123	-2.0									

5925000000	2.513274123	0.366519143	-11.20667861	-5.014309587	-5.107929956	-1.851438945	0.0757412	0.3151875	0.3084658	0.6529142	-4.7098415
5925000000	2.513274123	0.41887902	-7.384182255	-5.029473378	-5.859635632	-1.08226372	0.1826341	0.314089	0.2594397	0.7794237	-4.1578572
5925000000	2.513274123	0.471238898	-5.242769855	-5.103026388	-5.644501129	-0.743912583	0.2990357	0.3088143	0.2726151	0.8425753	-3.6576454
5925000000	2.513274123	0.523598766	-4.316835402	-4.6699605	-4.27035989	-0.230384165	0.3700978	0.341196	0.3740816	0.9483346	-2.9377097
5925000000	2.513274123	0.575958653	-4.17447078	-3.575953483	-2.05234214	1.035277667	0.3824309	0.4389395	0.4982712	1.2691933	-1.8895955
5925000000	2.513274123	0.628318531	-4.357425057	-2.330139526	-2.2482762	2.083375899	0.3666549	0.5847713	0.5966467	1.6156139	-0.1866651
5925000000	2.513274123	0.680678408	-4.376580833	-1.381010632	-1.514721505	2.1188959	0.3650412	0.7276105	0.7055501	1.6288819	-0.6713529
5925000000	2.513274123	0.733038286	-3.962555351	-0.801301923	-0.593997768	1.615249487	0.4015545	0.8315145	0.8721682	1.4505241	-0.5112741
5925000000	2.513274123	0.785398163	-3.273531284	-0.447451738	0.236688181	1.866965015	0.4705945	0.9021003	1.0560119	1.5370801	-0.0373062
5925000000	2.513274123	0.873758041	-2.635022633	-0.171777738	0.60652683	2.584532101	0.5451271	0.9612187	1.1498804	1.8132276	0.4819446
5925000000	2.513274123	0.890117919	-2.171819159	0.085627402	0.492223286	2.539382178	0.6064822	1.0199121	1.1200111	1.7944783	0.5508039
5925000000	2.513274123	0.942477796	-1.733003543	0.34894924	0.292632749	1.883447247	0.6709647	1.0836647	1.0697032	1.5429247	0.3814878
5925000000	2.513274123	0.994837674	-1.10299852	0.648537847	0.491583097	2.176130746	0.7757114	1.1610577	1.119846	1.6504907	0.7069396
5925000000	2.513274123	1.047197551	-0.297326787	0.977353162	1.005059382	3.512426076	0.9338289	1.2523777	1.2603929	2.2451358	-0.531847
5925000000	2.513274123	1.099557429	0.452133684	1.251228396	1.307821346	4.458036478	1.1097199	1.3338987	1.3513945	2.7912816	2.1658116
5925000000	2.513274123	1.151917306	0.943553534	1.351804576	1.098014363	4.640909394	1.2426687	1.3651503	1.2876607	2.9113267	2.308834
5925000000	2.513274123	1.204277184	1.122322802	1.226060871	0.512167209	4.460386517	1.2948882	1.326191	1.1251663	2.7927924	2.1345387
5925000000	2.513274123	1.256637061	1.058066866	0.96267408	0.96267408	4.346759879	1.2758708	1.2481518	0.9943066	2.7206708	1.9305499
5925000000	2.513274123	1.308996939	0.872107682	0.757217433	-0.267983777	4.221150842	1.2223928	1.190479	0.9401597	2.6431091	1.7581181
5925000000	2.513274123	1.361356817	0.653893269	0.734810992	-0.470797483	3.754459389	1.1624903	1.1843528	0.897264	2.3738099	1.4751533
5925000000	2.513274123	1.413716694	0.410417147	0.813510368	-0.988245009	2.966157616	1.0991114	1.2060104	0.7964811	1.9797747	1.0392147
5925000000	2.513274123	1.466076572	0.070338443	0.830373274	-1.814393868	2.357358267	1.0163279	1.2107022	0.6585073	1.7208215	0.6129778
5925000000	2.513274123	1.518436449	-0.47649107	0.769791877	-2.55230573	2.300229619	0.8960885	1.1939309	0.5556092	1.6983334	0.5826203
5925000000	2.513274123	1.570796327	-1.317686633	0.771125724	-2.894276081	2.45033681	0.7382974	1.1942976	0.5135378	1.75806	0.2162263
5925000000	2.513274123	1.623156204	-2.436681861	0.891662857	-3.070392994	2.310822574	0.5706001	1.2279093	0.4931292	1.7024809	-0.0663894
5925000000	2.513274123	1.675516082	-3.643860921	0.998501098	-3.539039079	1.725928124	0.4321295	1.258491	0.4426863	1.4879653	-0.4319883
5925000000	2.513274123	1.72787596	-4.649539893	0.93478212	-4.659410272	0.849223987	0.3428041	1.2401614	0.3420259	1.2159687	-1.0499757
5925000000	2.513274123	1.780235837	-5.337211041	0.675415235	-6.810161031	-0.037139995	0.2926031	1.1682654	0.2084414	0.9914847	-1.7704865
5925000000	2.513274123	1.832595715	-5.882506193	0.29440398	-0.764274125	-0.764274125	0.258077	1.0701395	0.0837039	0.8386342	-2.4977042
5925000000	2.513274123	1.884955592	-6.525770987	-0.251840687	-17.23967057	-1.358067276	0.2225476	0.9436608	0.0188813	0.7314645	-3.1953878
5925000000	2.513274123	1.93731547	-7.317890249	-1.191382411	-13.26870307	-1.900825325	0.1854432	0.7600843	0.0471118	0.6455135	-3.877008
5925000000	2.513274123	1.989675347	-8.056179639	-2.717623063	-8.405310551	-2.31906053	0.1564523	0.534857	0.1446373	0.8527316	-4.4888309
5925000000	2.513274123	2.042053225	-8.475348411	-4.792349071	-6.674730879	-2.2297654	0.1420578	0.331715	0.2150438	0.5984401	-4.9239349
5925000000	2.513274123	2.094395102	-8.456806337	-6.786227188	-7.566511709	-1.636868434	0.1426656	0.2095932	0.1751253	0.6859827	-5.1806787
5925000000	2.513274123	2.146754958	-8.031042999	-7.394148407	-11.46432925	-1.293879411	0.1573605	0.1822154	0.0713784	0.7423557	-5.401139
5925000000	2.513274123	2.199114858	-7.330899885	-6.776111632	-1.885193613	-1.885193613	0.1848885	0.2100817	0.0231894	0.6478592	-7.429511
5925000000	2.513274123	2.251474735	-6.5438508	-5.888584125	-12.55694549	-3.291407518	0.221623	0.2577161	0.0555016	0.4686615	-6.0054165
5925000000	2.513274123	2.303834613	-5.903466037	-4.862027987	-9.81459868	-3.980723549	0.2568345	0.3264354	0.1043615	0.3998781	-5.6562695
5925000000	2.513274123	2.35619449	-5.603758449	-4.108080967	-8.957233549	-3.201173312	0.2751846	0.3883219	0.1265251	0.4785008	-4.9875842
5925000000	2.513274123	2.408554368	-5.617115557	-4.289585425	-9.686734828	-2.788527845	0.2743396	0.3724273	0.1082247	0.5261956	-4.9447704
5925000000	2.513274123	2.460914245	-5.670215973	-5.760061498	-12.74428928	-3.701571846	0.2710057	0.2654568	0.0531583	0.4264252	-5.9514665
5925000000	2.513274123	2.513274123	-5.613067953	-8.260863442	-18.66959103	-5.572192893	0.2745954	0.1492498	0.012973	0.277192	-7.476355
5925000000	2.513274123	2.565634	-5.652757967	-10.0423469	-13.55587314	-6.739873317	0.2720973	0.0962997	0.0440974	0.2118423	-8.0474632
5925000000	2.513274123	2.617993878	-5.907969001	-9.728540236	-9.20515945	-6.313678866	0.2565684	0.1090521	0.1200837	0.2336857	-7.4666937
5925000000	2.513274123	2.670353756	-6.305143351	-8.970957909	-7.904250196	-5.905241975	0.2341454	0.1267372	0.1620224	0.2567299	-7.016892
5925000000	2.513274123	2.722713633	-7.136219506	-8.571881972	-8.48830192	-6.731170761	0.1933651	0.138395	0.1416347	0.2122762	-7.6560796
5925000000	2.513274123	2.775073511	-8.946578856	-8.299786164	-10.53454606	-8.937578524	0.1274507	0.1479181	0.088419	0.1277151	-9.1053398
5925000000	2.513274123	2.827433388	-11.41802537	-7.94264387	-14.52675272	-11.13071714	0.0721435	0.1605963	0.0352673	0.0710776	-10.641341
5925000000	2.513274123	2.879793266	-12.63427128	-7.872509903	-22.89710504	-12.35635554	0.0545221	0.1632108	0.0051314	0.0581252	-11.533697
5925000000	2.513274123	2.932153143	-13.16107662	-8.590253016	-24.395015	-14.34637129	0.0482939	0.1383486	0.003635	0.0367589	-12.459646
5925000000	2.513274123	2.984513021	-15.22384133	-10.20317163	-19.32948258	-16.27788224	0.0300342	0.0954295	0.0116695	0.0325894	-13.595892
5925000000	2.513274123	3.036872899	-17.91143791	-12.69979636	-18.72452551	-17.66185724	0.0161754	0.0537057	0.0134137	0.0171322	-16.002093
5925000000	2.513274123	3.089232776	-17.76886203	-16.42778559	-19.89433707	-20.14603693	0.0167153	0.0272626	0.0102463	0.0096693	-18.282313
5925000000	2.513274123	3.141592654	-17.25575552	-20.41820008	-22.12442652	-18.28340311	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.513274123	3.141592654	-17.25575559	-20.41819989	-22.12442622	-18.28340301	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.513274123	3.089232776	-16.14710465	-20.29334329	-23.21462395	-16.48793636	0.0242823	0.0093469	0.0058686	0.0224495	-18.100378
5925000000	2.513274123	3.036872899	-13.96827899	-18.82837819	-19.64079087	-15.7833102	0.0406904	0.0130967	0.0108623	0.026404	-16.427264
5925000000	2.513274123	2.984513021	-12.07225345	-16.91035523	-18.24339362	-13.60027453	0.0620547	0.0203688	0.0149851	0.0436488	-14.526641
5925000000	2.513274123	2.932153143	-10.70607177	-14.41438265	-17.4203997	-11.12717437	0.0849949	0.0361878	0.0181117	0.07714015	-12.667527
5925000000	2.513274123	2.879793266	-9.305907664	-13.6262323	-15.96178553	-8.842794698	0.11733	0.0433887	0.0253409	0.1305331	-11.015591
5925000000	2.513274123	2.827433388	-7.86166268	-15.07749582	-14.72872599	-7.244559471	0.163619	0.0310635	0.033661	0.188601	-9.8198168
5925000000	2.513274123	2.775073511	-6.665291965	-15.35896018	-13.87693511	-6.580110151	0.2155117	0.0291141	0.040955	0.297804	-8.9845811
5925000000	2.513274123	2.722713633	-6.023782468	-12.35226367	-13.04754659	-6.070985218	0.2498169	0.05818	0.049573	0.2471163	-8.2052992
5925000000	2.513274123	2.670353756	-5.890893857	-9.902965572	-12.75323129	-5.411897437	0.2575791	0.1022594	0.053049	0.2876142	-7.5650802
5925000000	2.513274123	2.617993878	-5.728045569	-8.149948924	-13.31113564	-5.42737259	0.267421	0.1531105	0.0466537	0.2865917	-7.2481747
5925000000	2.513274123	2.565634	-5.329209162	-6.85633578	-13.87724405	-6.551608329	0.2931427	0.2062369	0.040952	0.2212275	-7.2035632
5925000000	2.513274123	2.513274123	-5.202948517	-6.193936636	-13.70718165	-8.46765167	0.3017902	0.2402184	0.0425875	0.1429959	-7.4017209
5925000000	2.513274123	2.460914245	-5								

5925000000	2.565634	-0.052359878	-6.645866322	-9.537543657	-10.84796287	-8.344955855	0.2164778	0.1112361	0.0822628	0.1463876	-8.5670069
5925000000	2.565634	-4.44E-16	-6.963299089	-12.77767657	-11.03294092	-8.622468735	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984781
5925000000	2.565634	0.052359878	-7.105905838	-13.11820039	-12.6560428	-7.990654152	0.1947195	0.0487731	0.0542495	0.1588307	-9.4254997
5925000000	2.565634	0.104719755	-7.301257885	-10.70063835	-15.23914441	-6.539020197	0.1861548	0.0851013	0.0299285	0.2218697	-8.835132
5925000000	2.565634	-7.917252328	-8.740258643	-13.14944383	-13.14944383	-5.107561236	0.161538	0.1336516	0.0484234	0.308492	-7.8774244
5925000000	2.565634	0.20943951	-9.506836007	-7.415302338	-8.650982968	-4.069804511	0.1120254	0.18133	0.1364274	0.3917595	-8.7434003
5925000000	2.565634	0.261799388	-12.48154133	-6.405135499	-5.898275016	-3.338738456	0.0564737	0.228816	0.2571417	0.3845856	-5.9945643
5925000000	2.565634	0.314159265	-13.56349777	-5.615315863	-4.798047926	-2.628266186	0.04402	0.2744533	0.33128	0.5459758	-5.244272
5925000000	2.565634	0.366519143	-9.498986107	-5.109050083	-4.925925512	-1.728799242	0.112228	0.3038362	0.3216677	0.6716145	-4.5164237
5925000000	2.565634	-6.112457693	-4.880364579	-5.572539051	-1.035158077	-0.922718639	0.2447678	0.32506	0.2771699	0.7879238	-3.885631
5925000000	2.565634	0.471238898	-4.213060231	-4.673063799	-5.429551498	-0.608305557	0.3790478	0.3409523	0.2864474	0.8085896	-3.431745
5925000000	2.565634	0.523598776	-3.398306722	-4.070662899	-4.230662685	-0.78697345	0.4572664	0.3916821	0.3775146	0.8692995	-2.807179
5925000000	2.565634	0.575958653	-3.277158122	-3.003713879	-3.080291816	-0.78697345	0.4702017	0.5007588	0.4920065	1.1963816	-1.7728472
5925000000	2.565634	0.628318531	-3.446032401	-1.870845841	-2.31242165	-0.78697345	0.4522689	0.6500031	0.5871619	1.6205186	-0.8223823
5925000000	2.565634	0.680678408	-3.547709322	-1.026456326	-1.537189887	-0.78697345	0.4418034	0.7895041	0.7019093	1.7517778	-0.3562311
5925000000	2.565634	0.733038286	-3.424063012	-0.545976987	-0.525397071	-0.78697345	0.4545626	0.8818654	0.8860542	1.6795661	-0.1076735
5925000000	2.565634	0.785398163	-3.133579137	-0.315933776	0.401072044	-0.78697345	0.4800605	0.9298366	1.0967489	1.6214899	0.3837012
5925000000	2.565634	0.837758041	-2.782296276	-0.175307838	0.845841975	-0.78697345	0.5269512	0.9604377	1.2150222	2.0900826	0.7850155
5925000000	2.565634	0.890117919	-2.336668559	-0.004424919	0.779270327	-0.78697345	0.5838928	0.9989816	1.1965395	2.007072	0.7795679
5925000000	2.565634	0.942477796	-1.646894862	0.265894618	0.596942202	-0.78697345	0.6844008	1.0631376	1.1473455	1.6418867	0.5468683
5925000000	2.565634	0.994837674	-0.721147479	0.649984548	0.785847127	-0.78697345	0.8470036	1.1614445	1.1983528	1.5966682	0.7949501
5925000000	2.565634	1.047197551	0.20206316	1.07502255	1.274304402	-0.78697345	1.0476261	1.2808617	1.3410051	2.0347785	1.541402
5925000000	2.565634	1.099557429	0.896461554	1.402238249	1.544052788	-0.78697345	1.2292668	1.3810959	1.4269386	2.4765641	2.1177879
5925000000	2.565634	1.151917306	1.278028349	1.508734057	1.293867858	-0.78697345	1.3421555	1.4153811	1.3470595	2.5727685	2.2254511
5925000000	2.565634	1.204277184	1.371618636	1.361392355	0.667762668	-0.78697345	1.3713928	1.3681674	1.1662087	2.4891441	2.3074945
5925000000	2.565634	1.256637061	1.25381642	1.047709774	0.121896408	-0.78697345	1.3346938	1.2728317	1.0284653	2.4801528	1.8441768
5925000000	2.565634	1.308996939	1.001579109	0.732717103	-0.075263563	-0.78697345	1.2593832	1.1836332	0.9828192	2.4904634	1.6990102
5925000000	2.565634	1.361356817	0.652909364	0.52975082	-0.212072023	-0.78697345	1.1622269	1.1297311	0.9523417	2.3362841	1.4461965
5925000000	2.565634	1.413716694	0.204351018	0.399742105	-0.688442946	-0.78697345	1.0481781	1.0964131	0.853406	2.0608925	1.0199552
5925000000	2.565634	1.466076572	-0.369337806	0.210190635	-1.520151414	-0.78697345	0.9184726	1.0495885	0.7046685	1.8821798	0.5641976
5925000000	2.565634	1.518436449	-1.098399294	-0.065361878	-2.310812228	-0.78697345	0.7765333	0.9850626	0.5873787	1.8796254	0.241366
5925000000	2.565634	1.570796327	-1.966013474	-0.26670956	-2.7168277	-0.78697345	0.6359144	0.9404356	0.5348497	1.9181495	0.3021491
5925000000	2.565634	1.6231765204	-2.813874195	-0.235702062	-2.969963743	-0.78697345	0.5231336	0.9471741	0.5046655	1.8632998	-0.2089895
5925000000	2.565634	1.675516082	-3.420634348	-0.046887119	-3.621266912	-0.78697345	0.4549216	0.9892619	0.4343835	1.6034714	-0.6022644
5925000000	2.565634	1.72787596	-3.834184478	0.070343236	-5.157434929	-0.78697345	0.413601	1.016329	0.3049696	1.3037462	-1.1937992
5925000000	2.565634	1.780238837	-4.335216282	-0.008789407	-8.072885089	-0.78697345	0.3685347	0.9977982	0.1558517	1.0294907	-0.9685041
5925000000	2.565634	1.832595715	-5.026745492	-0.232326172	-13.19116918	-0.78697345	0.3142863	0.9479106	0.0479604	0.7921888	-2.7935577
5925000000	2.565634	1.884955592	-5.726086829	-0.583674764	-16.50847564	-0.78697345	0.2675416	0.8742437	0.0223436	0.6179802	-3.5112571
5925000000	2.565634	1.93731547	-6.155685761	-1.211758727	-10.88721721	-0.78697345	0.2423435	0.7565265	0.0815226	0.5098993	-4.0058314
5925000000	2.565634	1.989675347	-6.225271766	-2.295913992	-7.408562126	-0.78697345	0.2384915	0.5893979	0.181617	0.4841022	-3.782474
5925000000	2.565634	2.042035225	-6.134155617	-3.95402663	-6.293098629	-0.78697345	0.2435479	0.4023438	0.2347957	0.5554646	-4.4485964
5925000000	2.565634	2.094395102	-6.075666581	-6.017684359	-7.497749075	-0.78697345	0.2468501	0.2501679	0.1779201	0.6838289	-4.6891499
5925000000	2.565634	2.14675498	-6.027864102	-7.556026295	-11.69711154	-0.78697345	0.2495822	0.1755486	0.0676533	0.7372901	-5.121287
5925000000	2.565634	2.199114858	-5.874091197	-7.947619774	-17.17060214	-0.78697345	0.2585776	0.1604124	0.019184	0.6147045	-5.7968173
5925000000	2.565634	2.251474735	-5.57962464	-7.610965416	-12.88705654	-0.78697345	0.2767181	0.1733419	0.0514392	0.4114991	-6.4159002
5925000000	2.565634	2.303834613	-5.275574241	-6.379381119	-10.11021613	-0.78697345	0.2967854	0.230177	0.0974941	0.3261197	-6.240375
5925000000	2.565634	2.35619449	-5.161903388	-4.904329026	-9.46848551	-0.78697345	0.3046559	0.3232713	0.113019	0.3868356	-5.4983489
5925000000	2.565634	2.408554368	-5.296933351	-4.329623852	-10.51869827	-0.78697345	0.2953294	0.3690906	0.0887422	0.4233558	-5.3149135
5925000000	2.565634	2.460914245	-5.555037555	-5.098158023	-14.22517558	-0.78697345	0.2782891	0.3091606	0.0377992	0.3289778	-6.2240839
5925000000	2.565634	2.513274123	-5.855360284	-7.044521902	-16.67645317	-0.78697345	0.2596952	0.1974912	0.0135639	0.192301	-7.8051281
5925000000	2.565634	2.565634	-6.244838809	-9.03099998	-12.19591769	-0.78697345	0.2374194	0.1247642	0.0603126	0.1423222	-8.5015119
5925000000	2.565634	2.617993878	-6.587522355	-9.424847736	-8.582477796	-0.78697345	0.2194056	0.1141603	0.1385965	0.1956464	-7.7740784
5925000000	2.565634	2.670353756	-6.804596436	-8.860119082	-7.706095515	-0.78697345	0.2087086	0.1300134	0.1695861	0.2612219	-7.5834041
5925000000	2.565634	2.722713633	-7.513238897	-8.61399127	-8.666263981	-0.78697345	0.1772867	0.1375944	0.1358431	0.2402384	-7.6260545
5925000000	2.565634	2.77073511	-9.44408186	-8.664711087	-11.1459411	-0.78697345	0.1136559	0.1359969	0.0768079	0.1827139	-9.2515444
5925000000	2.565634	2.827433388	-12.1445931	-8.416750221	-15.71243233	-0.78697345	0.0610296	0.1439876	0.0268384	0.081212	-11.064219
5925000000	2.565634	2.879793266	-13.22329779	-8.149053713	-24.91135014	-0.78697345	0.0476069	0.1531421	0.0032275	0.054589	-11.894894
5925000000	2.565634	2.932153143	-13.60667639	-8.646948429	-22.48852097	-0.78697345	0.0435845	0.1365542	0.0056387	0.0340997	-12.58798
5925000000	2.565634	2.984513021	-15.71204159	-10.13489244	-16.09992921	-0.78697345	0.0268408	0.0969417	0.0137734	0.0222992	-13.983333
5925000000	2.565634	3.036872899	-18.27865368	-12.57194669	-18.46357181	-0.78697345	0.014864	0.0553102	0.0142444	0.0159717	-16.003685
5925000000	2.565634	3.089232776	-17.91354018	-16.25641047	-19.86502408	-0.78697345	0.0161676	0.0326788	0.0103157	0.0091285	-18.290746
5925000000	2.565634	3.141592654	-17.25575559	-20.41819989	-22.12442622	-0.78697345	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.617993878	3.141592654	-17.25575599	-20.41819984	-22.124426	-0.78697345	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	2.617993878	3.089232776	-15.86777589	-20.48294054	-22.11068128	-0.78697345	0.0258954	0.0089476	0.0061508	0.0218806	-18.0358569
5925000000	2.617993878	3.036872899	-13.52843195	-18.79215359	-19.413922447	-0.78697345	0.0443769	0.0132064	0.0114448	0.0265672	-15.25782
5925000000	2.617993878	2.984513021	-11.64585478	-17.17543902	-17.9224839	-0.78697345	0.0684565	0.0191627	0.0158771	0.0474464	-14.252645
5925000000	2.617993878	2.932153143	-10.20353559	-14.95721258	-17.22152642	-0.78697345	0.0954215	0.0193359	0.0189604	0.0861497	-12.356972
5925000000	2.617993878	2.879793266	-8.768324556	-13.72607731	-16.04413129	-0.78697345	0.1327907	0.0420426	0.0248649	0.1384156	-10.725351
5925000000	2.617993878	2.827433388	-7.418311953	-13.8983256	-15.126						

5925000000	2.617993878	-0.471238898	-5.147314794	-6.547926252	-4.130070432	-3.413199248	0.3056811	0.2214152	0.3863607	0.4557011	-4.6560641
5925000000	2.617993878	-0.41887902	-5.851527948	-6.553412679	-5.286459981	-4.170975284	0.2599245	0.2211356	0.2960425	0.3827388	-5.376614
5925000000	2.617993878	-0.366519143	-6.381219934	-6.020328589	-5.571053557	-4.493535653	0.2300795	0.2500156	0.2772647	0.2553419	-5.5568119
5925000000	2.617993878	-0.314159265	-6.973265637	-5.45571452	-5.726545046	-4.936547042	0.2007583	0.2847269	0.2675134	0.3208882	-5.7110402
5925000000	2.617993878	-0.261799388	-7.223685722	-5.101140796	-6.809009761	-5.839733406	0.1895097	0.3089484	0.2084966	0.2606314	-6.1637039
5925000000	2.617993878	-0.20943951	-6.827229365	-5.059034164	-9.084125162	-6.682476832	0.2076238	0.3119583	0.1234774	0.2146066	-6.6871441
5925000000	2.617993878	-0.157079633	-6.371261703	-5.526626843	-11.27081304	-7.144645359	0.2306077	0.2801156	0.0746309	0.1299903	-7.1088812
5925000000	2.617993878	-0.104719755	-6.371838975	-6.851623656	-11.37275394	-7.632047372	0.2305771	0.2064608	0.0728995	0.1725024	-7.6799562
5925000000	2.617993878	-0.052359878	-6.700592173	-9.026242126	-10.77371257	-8.247043326	0.2137671	0.114746	0.0836814	0.1497255	-8.5238558
5925000000	2.617993878	-4.44E-16	-6.963298964	-12.77767644	-11.0329414	-8.622648436	0.2012195	0.0527512	0.0788326	0.1732304	-9.298487
5925000000	2.617993878	0.052359878	-7.064414395	-13.31492807	-12.62771899	-8.13731315	0.1965887	0.046613	0.0546045	0.1535657	-9.4753418
5925000000	2.617993878	0.104719755	-7.252995071	-10.97783183	-14.9534194	-6.718223642	0.188235	0.0798393	0.0319638	0.212901	-8.9199418
5925000000	2.617993878	0.157079633	-7.912700395	-9.104257959	-13.03422241	-5.20778667	0.1617074	0.1229603	0.0497253	0.3014542	-7.9874406
5925000000	2.617993878	0.20943951	-9.519946405	-7.860269253	-8.72108619	-4.090330318	0.1116877	0.1636715	0.1342429	0.3899123	-6.9923367
5925000000	2.617993878	0.261799388	-12.02559985	-6.877743153	-5.93899831	-3.312965689	0.0627249	0.2052228	0.2547418	0.4663408	-6.0685038
5925000000	2.617993878	0.314159265	-11.75721843	-6.032654593	-4.740138383	-2.550577706	0.0667234	0.249307	0.3357269	0.5558305	-5.2014132
5925000000	2.617993878	0.366519143	-8.052077762	-5.37582879	-4.735201886	-1.616315821	0.1566002	0.2900128	0.3361087	0.6892367	-4.3416445
5925000000	2.617993878	0.41887902	-5.154166434	-4.917935536	-5.259113488	-0.997723066	0.3051992	0.32226	0.2979124	0.7947448	-3.665021
5925000000	2.617993878	0.471238898	-3.546824269	-4.492295227	-5.155328915	-1.113491638	0.4418935	0.3554434	0.3051175	0.7738394	-3.2875916
5925000000	2.617993878	0.523598776	-2.908589157	-3.830546901	-4.125304718	-1.029413012	0.5118481	0.4139474	0.3867849	0.7889667	-2.7952082
5925000000	2.617993878	0.575958653	-2.857368702	-2.882320665	-3.087756331	0.473906266	0.5179205	0.5149534	0.4911616	1.1152972	-1.8056585
5925000000	2.617993878	0.628318531	-2.974191305	-1.900422243	-2.356018278	2.054310628	0.5041745	0.6455915	0.5812971	1.6048375	-0.7884689
5925000000	2.617993878	0.680678408	-2.971470361	-1.1389464	-1.549734808	2.63990114	0.5044905	0.7639171	0.6998847	1.8364965	-0.211135
5925000000	2.617993878	0.733038286	-2.840398997	-0.676575921	-0.452384654	2.648282173	0.5199482	0.8557411	0.9010762	1.840044	0.1250079
5925000000	2.617993878	0.785398166	-2.656459315	-0.447153542	0.568686787	3.006642141	0.5424429	0.9021622	1.1399528	1.983162	0.5907795
5925000000	2.617993878	0.837758041	-2.353955121	-0.30801332	1.086429664	3.50669802	0.5815733	0.9315339	1.2842305	2.242162	1.0032743
5925000000	2.617993878	0.890117919	-1.769020062	-0.095891166	1.064934218	3.284248845	0.6654233	0.9781622	1.2778899	2.1302221	1.0137734
5925000000	2.617993878	0.942477796	-0.877620833	0.305405722	0.899104377	2.398320535	0.8170298	1.0728539	1.2300151	1.7371289	0.8431059
5925000000	2.617993878	0.994837674	0.090928908	0.877940865	1.078920251	2.170737708	1.0211579	1.2240357	1.2820118	1.6484424	1.1190472
5925000000	2.617993878	1.047197552	0.864287052	1.461162785	1.542214169	3.09668893	1.2201935	1.3999621	1.4263346	2.0401819	1.8231992
5925000000	2.617993878	1.099557429	1.327394732	1.872348595	1.775001006	3.939606408	1.3574989	1.5388867	1.5048739	2.4771975	2.3543735
5925000000	2.617993878	1.151917306	1.520561851	2.020304659	1.477375371	4.204793168	1.4192411	1.5932304	1.405198	2.6331752	2.4612494
5925000000	2.617993878	1.204277184	1.54831552	1.929395728	0.800890308	4.23468224	1.4283398	1.5595294	1.2045058	2.6513571	2.323301
5925000000	2.617993878	1.256637061	1.487484008	1.704350821	0.260831821	4.393214412	1.4084726	1.4805909	1.0618989	2.7499287	2.2407257
5925000000	2.617993878	1.308996939	1.331130851	1.444267703	0.115264102	4.545623442	1.3586672	1.3945265	1.0268959	2.8481466	2.3393798
5925000000	2.617993878	1.361356817	0.998788916	1.174542467	0.031855591	4.378553807	1.2585744	1.310552	1.007362	2.7406614	1.9846118
5925000000	2.617993878	1.413716694	0.409783163	0.845844725	-0.433966347	3.893090876	1.098951	1.2150229	0.9049058	2.4512691	1.5153446
5925000000	2.617993878	1.466076572	-0.425108685	0.397588412	-1.310492184	3.419660522	0.9067533	1.0958695	0.7395215	2.1976881	0.5065622
5925000000	2.617993878	1.518436449	-1.33900016	-0.152636742	-2.18534876	3.198854809	0.734683	0.9564465	0.6045908	2.0887455	0.4074902
5925000000	2.617993878	1.570796327	-2.021443749	-0.647933159	-2.679239756	3.079646828	0.6278496	0.8614036	0.5396026	2.0321917	0.0658788
5925000000	2.617993878	1.623156204	-2.227326359	-0.886111711	-3.040381573	2.768968918	0.5987801	0.815434	0.4965487	1.8918944	-0.2197281
5925000000	2.617993878	1.675516082	-2.132907872	-0.862756182	-3.29216532	2.119418338	0.6119405	0.8198311	0.4053543	1.6290778	-0.6220591
5925000000	2.617993878	1.72787596	-2.243407883	-0.816008983	-9.53651912	1.142764026	0.596567	0.8287034	0.2548848	1.3009973	-1.2765781
5925000000	2.617993878	1.780235837	-2.904156689	-0.935155215	-9.674871397	-0.097967726	0.5123708	0.8062774	0.1077737	0.9776946	-2.2110449
5925000000	2.617993878	1.832595715	-4.059492504	-1.177113345	-14.73080719	-1.54657182	0.3926908	0.7625857	0.0336449	0.7003938	-3.2575557
5925000000	2.617993878	1.884955592	-5.258460698	-1.448832794	-12.95613311	-3.015241073	0.2979572	0.7168339	0.0506275	0.4994315	-4.0772548
5925000000	2.617993878	1.93731547	-5.925243889	-1.831284452	-8.878218359	-3.987298431	0.2555498	0.6559512	0.1294727	0.3992732	-4.4362302
5925000000	2.617993878	1.989675347	-5.951410166	-2.546535912	-6.650911874	-3.8977171	0.2504148	0.5563478	0.2162264	0.4075945	-4.4545526
5925000000	2.617993878	2.028635225	-5.780319483	-3.840468185	-6.164670832	-2.937248247	0.2642214	0.413003	0.2418427	0.5084815	-4.7466909
5925000000	2.617993878	2.094395102	-5.806258163	-5.678269049	-7.712939447	-1.987974847	0.2626481	0.2705036	0.1693191	0.6327068	-4.7652094
5925000000	2.617993878	2.14675498	-6.087760656	-7.279358579	-12.17739956	-1.850122778	0.2461637	0.1870958	0.0605704	0.5631121	-5.4251854
5925000000	2.617993878	2.199114858	-6.432299447	-8.123933963	-17.64674521	-2.993121544	0.2273893	0.1543035	0.017192	0.5019817	-6.4753124
5925000000	2.617993878	2.251474735	-6.594670181	-8.801372588	-13.10171663	-5.337180966	0.2190448	0.131784	0.0489585	0.2926051	-6.7170766
5925000000	2.617993878	2.303834613	-6.546685878	-8.444476369	-10.48525203	-6.844964101	0.2214784	0.1430712	0.0894283	0.2067776	-7.8201915
5925000000	2.617993878	2.35619449	-6.4986126	-6.596590821	-10.12264503	-5.897217432	0.2239436	0.218948	0.0972155	0.2572043	-7.00432
5925000000	2.617993878	2.408543268	-6.621878248	-5.224115862	-11.59005577	-5.406121399	0.2176768	0.3003229	0.0693417	0.2879969	-6.5988405
5925000000	2.617993878	2.460914245	-6.950002003	-5.23009651	-15.94003072	-6.782065452	0.2018365	0.2999096	0.0254681	0.2097946	-7.3458753
5925000000	2.617993878	2.513274123	-7.159492162	-6.49195583	-18.277474166	-9.91365697	0.1770133	0.242872	0.0148671	0.102008	-8.758381
5925000000	2.617993878	2.565634	-8.221671515	-8.138241695	-11.61540525	-11.04145025	0.1506027	0.1532538	0.068935	0.0786783	-9.4711756
5925000000	2.617993878	2.617993878	-8.39698291	-8.722918439	-8.480494561	-8.025527193	0.1446444	0.1341863	0.1418896	0.1575605	-8.3992123
5925000000	2.617993878	2.670353756	-7.99835582	-8.360607694	-9.922795841	-6.030937193	0.1585493	0.145861	0.161332	0.2494056	-7.4766409
5925000000	2.617993878	2.722713633	-8.32576064	-8.349743183	-9.20981603	-0.68026627	0.1470361	0.1462264	0.119955	0.2645888	-7.8264356
5925000000	2.617993878	2.775073511	-10.28858719	-8.858333916	-12.09591817	-8.02030941	0.093571	0.1300668	0.0617175	0.1577199	-9.5553133
5925000000	2.617993878	2.827433388	-13.16285314	-8.925000323	-17.29103722	-10.85144679	0.0482742	0.1280855	0.0186593	0.0821969	-11.592419
5925000000	2.617993878	2.879793266	-13.93499582	-8.555248339	-26.29658563	-13.02347967	0.0404111	0.1394682	0.0023459	0.0494845	-12.364341
5925000000	2.617993878	2.932153143	-14.13342205	-8.848325469	-20.89318085	-15.13692074	0.0386063	0.1303669	0.0081411	0.0306414	-12.845071
5925000000	2.617993878	2.984513021	-16.2613529	-10.18212637	-17.98003233	-16.79872848	0.0236518	0.0958931	0.015922	0.0208991	-14.079177
5925000000	2.617993878	3.036872899									

5925000000	2.670353756	-0.890117919	1.953422209	-0.816279782	-0.65260516	-5.544667943	1.5679861	0.8286517	0.8604774	0.2789544	-0.5353918
5925000000	2.670353756	-0.837758041	1.815180511	-1.262887833	-0.955600628	-4.187973333	1.5188611	0.7476722	0.8024906	0.3812437	-0.6420772
5925000000	2.670353756	-0.785398163	1.510308804	-1.9065191	-1.609382284	-2.301987869	1.4158945	0.6446858	0.690338	0.5885742	-0.7837953
5925000000	2.670353756	-0.733038286	0.953635227	-2.568535801	-2.234525944	-0.903369803	1.2455568	0.5535367	0.5977883	0.8122001	-0.956792
5925000000	2.670353756	-0.680678408	0.071756608	-3.065613966	-2.79431886	-0.356196769	1.0166598	0.4936721	0.5781717	0.921256	-1.2352818
5925000000	2.670353756	-0.628318531	-1.175097423	-3.466282803	-2.139300133	-0.606420701	0.7629398	0.450165	0.6110405	0.8696769	-1.7169107
5925000000	2.670353756	-0.575958653	-2.703773295	-4.03517829	-2.110860394	-1.341493277	0.5365654	0.3948955	0.6155055	0.7342614	-2.4397712
5925000000	2.670353756	-0.523598776	-4.195196218	-4.92894138	-2.776471791	-2.303975711	0.3806102	0.3214444	0.5276584	0.5883049	-3.4246187
5925000000	2.670353756	-0.471238898	-5.23276329	-5.936916649	-4.042846352	-3.354263221	0.2997255	0.2548639	0.3941989	0.4619274	-4.5262055
5925000000	2.670353756	-0.41887902	-5.831066402	-6.466696581	-5.11212653	-4.040817814	0.261152	0.2255955	0.3081679	0.394383	-5.2676916
5925000000	2.670353756	-0.366519143	-6.46693924	-6.237270395	-5.399369369	-4.198746649	0.2255828	0.2378335	0.288445	0.3802991	-5.48152
5925000000	2.670353756	-0.314159265	-7.329548715	-5.66833898	-5.627733072	-4.56735359	0.1849461	0.2711228	0.2736697	0.3493531	-5.6900163
5925000000	2.670353756	-0.261799388	-7.807795385	-5.188684807	-6.767506263	-5.493324622	0.1656611	0.302783	0.2104987	0.2822718	-6.1923963
5925000000	2.670353756	-0.20943951	-7.364922405	-5.01879397	-9.053107898	-6.426608117	0.1834458	0.3148623	0.1243624	0.2276875	-6.724582
5925000000	2.670353756	-0.157079633	-6.717550396	-5.403395691	-11.1660181	-6.977145197	0.212934	0.2881777	0.0764536	0.200579	-7.1099981
5925000000	2.670353756	-0.104719755	-6.545737253	-6.701144225	-11.22764917	-7.50608446	0.2215268	0.2137399	0.0753763	0.177579	-7.6433143
5925000000	2.670353756	-0.052359878	-6.762518185	-9.279068265	-10.69966453	-8.152850193	0.2107406	0.1180574	0.0851204	0.1530083	-8.4853312
5925000000	2.670353756	-4.44E-16	-6.963298822	-12.77767657	-11.03294104	-8.622648634	0.2012195	0.0527512	0.0788326	0.1373204	-9.2929564
5925000000	2.670353756	0.052359878	-7.02651476	-13.52029938	-12.59653775	-8.290275869	0.1983118	0.0446031	0.0549979	0.1482424	-9.527133
5925000000	2.670353756	0.0942719755	-7.210961468	-11.28795957	-14.67347252	-6.911496301	0.1900657	0.0473368	0.034092	0.203634	-9.01245
5925000000	2.670353756	0.157079633	-7.89531919	-9.535005412	-12.89290884	-5.323046719	0.1623559	0.1113011	0.0513699	0.293559	-8.1065997
5925000000	2.670353756	0.20943951	-9.423454372	-8.410335993	-8.77354088	-4.125709809	0.114197	0.1442004	0.132637	0.3867488	-7.1120146
5925000000	2.670353756	0.261799388	-11.24136182	-7.485844685	-5.974343199	-3.29853507	0.0751387	0.1784005	0.252677	0.4678929	-6.1344881
5925000000	2.670353756	0.314159265	-10.14644557	-6.60493349	-4.68471812	-2.482010459	0.0966842	0.2185278	0.3400386	0.5646755	-5.1572649
5925000000	2.670353756	0.366519143	-6.917636505	-5.812678568	-4.52253143	-1.514231349	0.2033463	0.2622601	0.3505699	0.7056297	-4.1970068
5925000000	2.670353756	0.41887902	-4.486163897	-5.153252921	-5.05209817	-0.957043427	0.3559456	0.3052634	0.319735	0.802224	-3.5086773
5925000000	2.670353756	0.471238898	-3.2009798	-4.566833	-4.863502658	-1.273744689	0.4785221	0.3493949	0.3263245	0.7458054	-3.2329564
5925000000	2.670353756	0.523598776	-2.805851449	-3.91250521	-3.982729796	-1.430446526	0.5241008	0.4062089	0.3996934	0.719375	-2.904377
5925000000	2.670353756	0.575958653	-2.908366902	-3.125949836	-3.065474962	0.162010795	0.5118743	0.468681	0.4936879	1.0380089	-1.988653
5925000000	2.670353756	0.628318531	-3.018091798	-2.304016788	-2.394375358	1.967331035	0.4991037	0.5882993	0.5761857	1.5730159	-0.9197035
5925000000	2.670353756	0.680678408	-2.844057564	-1.588823805	-1.588773181	2.715976261	0.5195104	0.6962136	0.6936217	1.8689498	-0.2506303
5925000000	2.670353756	0.733038286	-2.50425814	-1.061046674	-0.430806323	2.761255342	0.5617902	0.7832409	0.9055645	1.8885372	0.1484936
5925000000	2.670353756	0.785398163	-2.152586839	-0.716748093	0.669440222	2.995348831	0.6091739	0.847862	1.166592	1.9931266	0.6228312
5925000000	2.670353756	0.837758041	-1.696748547	-0.456645394	1.249555044	3.377773952	0.6765893	0.9001926	1.3333848	2.1765938	1.0438131
5925000000	2.670353756	0.890117919	-0.984455545	-0.112033454	1.269769693	3.16063109	0.7971764	0.9745332	1.3396056	2.7004422	1.1241709
5925000000	2.670353756	0.942477796	-0.08001004	0.43632023	1.1283235	2.406722641	0.9817457	1.1056865	1.2966831	1.7404929	1.0760053
5925000000	2.670353756	0.994836764	0.775316113	1.128616397	1.316315841	2.33196855	1.1954505	1.2967661	1.3540401	1.7107906	1.427841
5925000000	2.670353756	1.047197551	1.386506351	1.766815979	1.770218187	3.08947472	1.376102	1.5020403	1.5032174	2.1423713	1.21243606
5925000000	2.670353756	1.095551429	1.707170077	2.184496909	1.974239999	4.227065878	1.4815524	1.6536732	1.5755203	2.6467114	2.6466776
5925000000	2.670353756	1.151977306	1.813671127	2.346293802	1.632413883	4.671118424	1.5183333	1.716443	1.9361737	2.9314681	2.8004303
5925000000	2.670353756	1.204277184	1.825328891	2.330619081	0.923779568	4.940236061	1.5224144	1.7102591	1.2370235	3.1190591	2.7811061
5925000000	2.670353756	1.256637061	1.807552336	2.244766569	0.381194572	5.281081645	1.5161956	1.6767822	1.0917406	3.3737132	2.8207985
5925000000	2.670353756	1.308996939	1.714737601	2.127208617	0.282970277	5.516799505	1.4841362	1.6320027	1.0673258	3.5618855	2.8698107
5925000000	2.670353756	1.361358617	1.420176356	1.928991713	0.234345384	5.367957543	1.3868121	1.5591905	1.0554424	3.4418944	2.6970783
5925000000	2.670353756	1.413716694	0.811334059	1.594520541	-0.247189504	4.4818122738	1.2054062	1.4436172	0.944672	3.0325801	2.1920949
5925000000	2.670353756	1.466076572	-0.089671784	1.130822342	-1.19632878	4.128601434	0.979564	1.2974249	0.7589912	2.5873796	1.4793587
5925000000	2.670353756	1.518436449	-1.030982943	0.612736975	-2.181313984	3.572928637	0.7886816	1.1515259	0.6051578	2.2766321	0.8116698
5925000000	2.670353756	1.570796327	-1.626850636	0.156686638	-2.783253792	3.140083758	0.6875669	1.0367372	0.526835	2.0610274	0.3263552
5925000000	2.670353756	1.623156204	-1.756962075	-0.145454379	-3.2819382	2.608650124	0.6672734	0.9670625	0.4696844	1.8233289	-0.0796047
5925000000	2.670353756	1.675516082	-1.771147144	-0.322375588	-4.423715718	1.792621812	0.6650975	0.928458	0.3611008	1.5109921	-0.6227551
5925000000	2.670353756	1.72787596	-2.148135808	-0.5247914	-6.922934029	0.631941206	0.6097986	0.8861778	0.2030984	1.1566291	-1.4636841
5925000000	2.670353756	1.780235837	-3.13342248	-0.872831057	-11.10601353	-0.875689119	0.486024	0.8179314	0.0775173	0.8179333	-2.5986121
5925000000	2.670353756	1.832595715	-4.605579346	-1.32416112	-13.07492679	-2.696167383	0.3462917	0.7371976	0.0492615	0.5735059	-3.7927678
5925000000	2.670353756	1.884955592	-6.127049828	-1.758620009	-9.854921554	-4.531776575	0.2439467	0.6670187	0.103397	0.3522268	-6.4642202
5925000000	2.670353756	1.93731547	-7.271102848	-2.195638239	-5.512016461	-5.512016461	0.1874518	0.6031651	0.1833135	0.2810596	-5.0341974
5925000000	2.670353756	1.989675327	-7.919073789	-2.873748168	-6.22917208	-4.998873981	0.1614703	0.5159709	0.2382749	0.3163098	-5.1144018
5925000000	2.670353756	2.042053225	-8.229587844	-4.112928155	-6.429218709	-3.73783682	0.1503285	0.3878888	0.2280246	0.4282792	-5.2683393
5925000000	2.670353756	2.094395102	-8.53775143	-5.90840904	-8.421874223	-2.799352977	0.1400312	0.2565424	0.1438178	0.5248857	-5.7459744
5925000000	2.670353756	2.14675498	-9.085103614	-7.358310863	-13.28503178	-2.877588209	0.1234496	0.1837253	0.0469349	0.5155148	-6.672815
5925000000	2.670353756	2.199114858	-9.760327667	-7.853683379	-17.80915915	-4.467671441	0.1056738	0.1639199	0.0165609	0.3574644	-7.9343112
5925000000	2.670353756	2.251474735	-10.21252926	-8.513755543	-13.0309607	-7.753104771	0.0952241	0.1408071	0.0497627	0.1677604	-7.4543067
5925000000	2.670353756	2.303834613	-10.29981213	-9.282848644	-10.80404661	-9.884789656	0.0933295	0.1179547	0.083099	0.1026883	-10.031914
5925000000	2.670353756	2.35619449	-10.18317072	-8.268709355	-10.85692089	-7.966343851	0.09587	0.1489804	0.0820933	0.1597223	-9.1482891
5925000000	2.670353756	2.408554368	-10.06288393	-6.540917336	-12.85100579	-7.026831431	0.0985625	0.2217728	0.051868	0.1987933	-8.588039
5925000000	2.670353756	2.460914245	-10.19123475	-5.891576721	-18.01905382	-8.402271701	0.0956922	0.2575386	0.0157796	0.1444684	-8.9153753
5925000000	2.670353756	2.513274123	-10.95757957	-6.465912833	-18.38961845	-11.78185093	0.0802125	0.2253632	0.014489	0.066346	-10.147041
5925000000	2.670353756	2.565634	-12.10746537	-7.55950831	-11.70305131	-12.33880305	0.0615536	0.1754079	0.0675607	0.0583660	-10.422936
5925000000	2.670353756	2.617993878	-11.46978655	-8.01							

5925000000	2.722713633	-1.308996939	0.516517169	-1.913768316	-0.300407178	-3.820792165	1.1262939	0.6436106	0.9331668	0.4148784	-1.081909
5925000000	2.722713633	-1.256637061	0.715892381	-1.796569132	-0.137592562	-3.216582634	1.1792048	0.6612156	0.9688148	0.476806	-0.8538699
5925000000	2.722713633	-1.204277184	0.99736862	-1.402894455	-0.298866189	-2.180890227	1.2581629	0.6247606	1.0712396	0.6052168	-0.3874832
5925000000	2.722713633	-1.151917306	1.335737303	-1.097463945	0.605910602	-1.205415151	1.360109	0.7767005	1.1497149	0.7576323	0.0647799
5925000000	2.722713633	-1.099557429	1.637549801	-1.096182612	-0.463113244	-0.925391311	1.4579915	0.7766297	1.112529	0.8080921	0.1656771
5925000000	2.722713633	-1.047197551	1.845173495	-1.325845718	-0.040721872	-1.653572278	1.5293868	0.7369117	0.9906673	0.6833493	-0.0652904
5925000000	2.722713633	-0.994837674	1.973792992	-1.564723409	-0.503292635	-3.232517034	1.5753581	0.6974734	0.8905755	0.4750598	-0.4114157
5925000000	2.722713633	-0.942477796	2.046692097	-1.695377571	-0.662847717	-4.689523361	1.6020247	0.6768029	0.8584504	0.3396625	-0.6086271
5925000000	2.722713633	-0.890177919	2.016235018	-1.805565183	-0.107278711	-4.627034488	1.590829	0.6598474	0.8505919	0.3445851	-0.647632
5925000000	2.722713633	-0.837758041	1.769842011	-2.042863842	-0.982931042	-3.326311785	1.5030873	0.6247606	0.7974563	0.4649099	-0.7183287
5925000000	2.722713633	-0.785398163	1.220860899	-2.43124637	-1.595270519	-1.878864991	1.3246041	0.5713317	0.6925848	0.648804	-0.9187604
5925000000	2.722713633	-0.733038286	0.377324536	-2.806361092	-2.196771735	-0.837304537	1.0907682	0.5240393	0.6030077	0.8246498	-1.1883441
5925000000	2.722713633	-0.680678408	-0.697659274	-2.98262128	-2.346839679	-0.415951811	0.8515969	0.5031968	0.582527	0.9086671	-1.4782696
5925000000	2.722713633	-0.628318531	-1.95324802	-3.038570302	-2.116470476	-0.593286058	0.6377863	0.4967558	0.614261	0.8723111	-1.8357404
5925000000	2.722713633	-0.575958653	-3.287646878	-3.283099914	-2.085530218	-1.215994862	0.4960675	0.4695588	0.6186528	0.7557889	-2.3787159
5925000000	2.722713633	-0.523598776	-4.453262333	-3.955855915	-2.720248518	-2.187498014	0.3586524	0.4021744	0.5345338	0.6042967	-2.338474
5925000000	2.722713633	-0.471238898	-5.237123244	-4.986412889	-3.906312169	-3.29583427	0.2994247	0.3172186	0.4067886	0.468184	-2.8420296
5925000000	2.722713633	-0.41887902	-5.813232617	-5.879765186	-4.895694699	-3.895867252	0.2622266	0.25824	0.3239146	0.4077681	-5.0040387
5925000000	2.722713633	-0.366519143	-6.629881519	-6.094864541	-5.216648605	-3.914297506	0.217276	0.2457613	0.3008397	0.4060413	-5.3390442
5925000000	2.722713633	-0.314159265	-7.811583392	-5.733453249	-5.538976438	-4.234489237	0.1655166	0.2670882	0.2793202	0.3771821	-5.6498939
5925000000	2.722713633	-0.261799388	-8.558847964	-5.249523985	-6.744029901	-5.179532393	0.1393526	0.298571	0.2116396	0.3034218	-6.229739
5925000000	2.722713633	-0.20943951	-8.034334228	-4.994306545	-9.033590258	-6.183614703	0.1572413	0.3166426	0.1249226	0.24079	-6.7798936
5925000000	2.722713633	-0.157079633	-7.133118707	-5.303305532	-11.05468816	-6.81635537	0.1935032	0.2948964	0.0784388	0.2081443	-7.1276799
5925000000	2.722713633	-0.104719755	-6.748599584	-6.56986337	-10.07798502	-7.387548261	0.2114171	0.2202996	0.0780192	0.1824929	-7.6181057
5925000000	2.722713633	-0.052359878	-6.831476685	-9.166641392	-10.62645725	-8.06227163	0.2074208	0.1211535	0.0865674	0.1562329	-8.4513912
5925000000	2.722713633	-4.446-16	-6.963298615	-12.77767659	-11.02394118	-8.622648171	0.2012195	0.0527512	0.0788326	0.1732304	-9.2984777
5925000000	2.722713633	0.052359878	-6.991953968	-13.73393428	-12.56304466	-8.449289838	0.1998962	0.0423259	0.0554237	0.1429128	-9.5805628
5925000000	2.722713633	0.104719755	-7.172959375	-11.62906684	-14.40032764	-7.119687099	0.1917362	0.0687216	0.0363051	0.1941026	-9.1109755
5925000000	2.722713633	0.15079633	-7.860823968	-10.02707328	-12.72575837	-5.455088035	0.1636506	0.0993786	0.0533856	0.284768	-8.2305347
5925000000	2.722713633	0.20943951	-9.230806238	-9.055574674	-8.804130778	-4.177367722	0.1193766	0.1242918	0.1317003	0.3821758	-7.2265176
5925000000	2.722713633	0.261799388	-10.34999155	-8.214920841	-6.003961913	-3.296759686	0.0922573	0.150837	0.2509596	0.4680843	-6.1882254
5925000000	2.722713633	0.314159265	-8.854861463	-7.318961986	-4.637360664	-2.425948074	0.1301709	0.1853975	0.3437668	0.5720121	-5.1167946
5925000000	2.722713633	0.366519143	-6.08288517	-6.412735201	-4.391914892	-1.424315618	0.2464402	0.2284196	0.3637546	0.7203913	-4.0921331
5925000000	2.722713633	0.41887902	-4.082577358	-5.573736316	-4.679599684	-0.902763336	0.390609	0.2770935	0.3404396	0.8123135	-3.418799
5925000000	2.722713633	0.471238898	-3.137005481	-4.842750175	-4.591657421	-1.361456173	0.4856232	0.3278876	0.3474036	0.730894	-3.2518285
5925000000	2.722713633	0.523598776	-3.042470045	-4.184920918	-1.736623198	-1.736623198	0.49631	0.3815117	0.4137983	0.6704057	-3.0935531
5925000000	2.722713633	0.575958653	-3.388565479	-3.519807765	-3.030921613	-0.110279766	0.4582932	0.4446509	0.4976315	0.9749268	-2.263045
5925000000	2.722713633	0.628318531	-3.554688626	-2.803706841	-2.444487191	1.861005476	0.441094	0.5243597	0.5695805	1.5349728	-1.9212069
5925000000	2.722713633	0.680678408	-3.159963393	-2.07100821	-1.683962552	2.697608092	0.4830629	0.6207249	0.6785842	1.8610619	-0.405491
5925000000	2.722713633	0.733038286	-2.457715875	-1.418979147	-0.505939054	2.655139748	0.5678432	0.721277	0.890033	1.8429518	0.0239341
5925000000	2.722713633	0.785398163	-1.771980459	-0.925674894	0.648724767	2.627718669	0.6646968	0.8080394	1.1611076	1.8313525	0.4780709
5925000000	2.722713633	0.837758041	-1.119376525	-0.552696819	1.2788312	2.386003087	0.7727915	0.8805019	1.3424036	1.9213227	0.8961496
5925000000	2.722713633	0.890117919	-0.412076477	-0.153705647	1.339970672	2.656142422	0.9094783	0.9652269	1.3614355	1.8433773	1.0376252
5925000000	2.722713633	0.942477796	0.33014045	0.38207815	1.239242971	2.121502359	1.0789816	1.0919627	1.3202225	1.6298598	1.0814428
5925000000	2.722713633	0.994837674	1.003406445	0.997168961	1.456788664	2.28640705	1.2599133	1.258105	1.4014541	1.6929366	1.4708932
5925000000	2.722713633	1.047197551	1.522306437	1.518277048	1.98331913	3.34093757	1.4198114	1.4184947	1.5625474	1.582103	2.1478185
5925000000	2.722713633	1.099557429	1.851389399	1.819110166	2.131626284	4.320272054	1.5315774	1.520236	1.6336636	2.7041278	2.6656122
5925000000	2.722713633	1.151917306	1.995361741	1.908207343	1.75693494	4.913602628	1.5832014	1.5517464	1.4986268	3.0999898	2.8631971
5925000000	2.722713633	1.204277184	1.987768746	1.895307038	1.019246423	5.382745755	1.5804359	1.5471439	1.2645169	3.4536022	2.9257264
5925000000	2.722713633	1.256637061	1.866529654	1.879999833	0.48392979	5.873082932	1.536926	1.5417004	1.1178743	3.8664133	3.0443205
5925000000	2.722713633	1.308996939	1.637224062	1.853982903	0.20018393	6.17435405	1.4578821	1.5324923	1.101544	4.1441494	3.1635992
5925000000	2.722713633	1.361356817	1.257231368	1.727760266	0.385037519	6.03607585	1.3357437	1.4885932	1.0927071	4.0142793	2.9728576
5925000000	2.722713633	1.413716694	0.675731837	1.452827126	-0.132946052	5.438368627	1.1683506	1.3972777	0.9698518	3.4981374	2.4511865
5925000000	2.722713633	1.466076572	-0.069602643	1.08699072	-1.178046287	4.594856206	0.9841011	1.2843964	0.7624219	2.8806177	1.6964043
5925000000	2.722713633	1.518436449	-0.799313504	0.742559528	-2.289822281	3.765167645	0.8318953	1.1864678	0.5902252	2.3796702	0.9588895
5925000000	2.722713633	1.570796327	-1.338514856	0.490909372	-0.510886179	3.007836726	0.7347651	1.1196723	0.4993573	1.998866	0.3669482
5925000000	2.722713633	1.623156204	-1.736073437	0.314947739	-3.665024752	2.162071768	0.6704905	1.0752137	0.4300288	1.6451568	-0.1989553
5925000000	2.722713633	1.675516082	-2.211271235	0.134193191	-0.505667747	1.03931749	0.6009978	1.0313815	0.3122003	1.2703744	-0.9485523
5925000000	2.722713633	1.72787956	-2.929656062	-0.132629968	-0.888728443	-0.468646885	0.5093712	0.9699224	0.1626025	0.8977084	-1.9776389
5925000000	2.722713633	1.780235837	-3.842480036	-0.516157386	-11.30478763	-2.44262208	0.4128117	0.8879413	0.0740493	0.5698201	-3.1322469
5925000000	2.722713633	1.832595715	-4.722847733	-0.98366686	-10.25159508	-5.005677356	0.3370662	0.7973212	0.0943714	0.3158146	-4.1325142
5925000000	2.722713633	1.884955592	-5.538717791	-1.491002518	-7.656196222	-8.064886712	0.2793368	0.709414	0.1715459	0.156139	-8.6860935
5925000000	2.722713633	1.93731547	-6.625234274	-2.078100442	-6.358247024	-9.945171299	0.2175087	0.6197121	0.2312998	0.1012705	-5.339517
5925000000	2.722713633	1.989675347	-8.260868646	-2.924480738	-6.196048121	-8.430156168	0.1492496	0.5099786	0.2401017	0.1435438	-5.8382831
5925000000	2.722713633	2.040355225	-10.26755411	-4.297507004	-7.158673675	-6.002623167	0.0940253	0.3717486	0.1923679	0.251037	-6.4340173
5925000000	2.722713633	2.092439192	-12.02103979	-6.243522683	-9.4531953417	-4.531953417	0.0627908	0.2374913	0.1041766	0.3522124	-7.231528
5925000000	2.722713633	2.14675498	-13.0371723	-7.846336181	-15.3633853	-4.542832709	0.0496916	0.1641974	0.2908405	0.3513312	-8.2805082
5925000000	2.722713633	2.19911									

5925000000	2.775073511	-1.72787596	-1.10498893	-2.680361454	-4.992395238	-6.080636454	0.7753559	0.5394657	0.316782	0.2465678	-3.2832476
5925000000	2.775073511	-1.675516082	-0.951876965	-2.218973901	-3.357124338	-5.184908413	0.8031789	0.5999328	0.4616231	0.3030464	-2.6604453
5925000000	2.775073511	-1.623156204	-0.846744537	-1.931972203	-2.839244455	-5.080999662	0.8228592	0.6409185	0.5200865	0.3103845	-2.414195
5925000000	2.775073511	-1.570796327	-0.737663151	-1.581550509	-2.611684049	-5.382864063	0.8437887	0.6497762	0.5480689	0.2895343	-2.2618117
5925000000	2.775073511	-1.518436449	-0.529297279	-1.189029586	-0.99830809	-5.46200559	0.8852588	0.7604962	0.6311708	0.2843148	-1.9360961
5925000000	2.775073511	-1.466076572	-0.250908205	-0.983915611	-1.107805153	-4.999338644	0.9438635	0.7972755	0.7748533	0.3162759	-1.4959561
5925000000	2.775073511	-1.413716094	-0.037899856	-1.121069042	-0.513424666	-4.302617843	0.9913112	0.7724866	0.8885002	0.3713113	-1.215341
5925000000	2.775073511	-1.361356817	0.031095371	-1.513955513	-0.419180925	-3.794384872	1.0071857	0.7056745	0.9079918	0.4174087	-1.1943496
5925000000	2.775073511	-1.308996939	0.05776261	-1.823698913	-0.512519943	-3.460704473	1.0133892	0.6570979	0.8886853	0.5007436	-1.2305501
5925000000	2.775073511	-1.256637061	0.25209553	-1.713279897	-0.337272649	-2.922812627	1.059765	0.6740188	0.9252791	0.4501745	-1.0110523
5925000000	2.775073511	-1.204277118	0.686882287	-1.260124262	0.148383719	-2.011485709	1.1713542	0.7481481	1.034757	0.6292909	-0.4774651
5925000000	2.775073511	-1.151917306	1.194116208	-0.832283891	0.530394297	-1.160817085	1.316472	0.8256037	1.1298985	0.7654526	0.0404466
5925000000	2.775073511	-1.099557429	1.556568445	-0.653499137	0.466151237	-0.962010741	1.4310567	0.8603003	1.1133075	0.801307	0.2180633
5925000000	2.775073511	-1.047197551	1.715644386	-0.697477145	0.019767118	-1.678894741	1.4844461	0.8516326	1.0045619	0.6793765	0.0216792
5925000000	2.775073511	-0.994837674	1.781626312	-0.824059016	-0.429155808	-3.010316736	1.5071714	0.8271687	0.9059087	0.4999981	-0.2915973
5925000000	2.775073511	-0.942477796	1.854197346	-0.956033809	-0.598912761	-3.85424148	1.5325679	0.8024105	0.8711817	0.4116952	-0.4360879
5925000000	2.775073511	-0.890117919	1.845637645	-1.153707763	-0.624957842	-3.96062287	1.5295503	0.7667066	0.8659727	0.4575028	-0.4383852
5925000000	2.775073511	-0.837758041	1.539387515	-1.528399388	-0.863903508	-2.36296189	1.4254066	0.7033315	0.8196145	0.5803685	-0.5444266
5925000000	2.775073511	-0.785398163	0.791200901	-2.082051578	-0.744792908	-1.456144123	1.199831	0.6190844	0.716485	0.715131	-0.9010563
5925000000	2.775073511	-0.733038286	-0.349397348	-2.603227378	-2.073461122	-0.843073987	0.9226995	0.5491326	0.6203744	0.823555	-1.3730799
5925000000	2.775073511	-0.680678408	-1.665295246	-2.797789848	-2.282019467	-0.559776845	0.6815072	0.5250746	0.5912866	0.8790677	-1.7442198
5925000000	2.775073511	-0.628318531	-2.911925831	-2.693963773	-2.087956861	-0.632059003	0.511455	0.5377787	0.6183072	0.8645579	-1.9857933
5925000000	2.775073511	-0.575958653	-3.925851405	-2.684214238	-2.051852782	-1.115439601	0.4047081	0.5389874	0.6234688	0.7734924	-2.3272229
5925000000	2.775073511	-0.523598776	-4.666745698	-3.110244747	-2.636264108	-2.069059988	0.3414487	0.4886248	0.5449712	0.6210034	-3.0188897
5925000000	2.775073511	-0.471238898	-5.217537915	-3.999338948	-0.937987564	-3.201412947	0.3007781	0.3981678	0.4239369	0.4784744	-3.9757178
5925000000	2.775073511	-0.41887902	-5.833403233	-5.011084906	-4.650952165	-3.713907515	0.2610115	0.3154217	0.3426926	0.4252157	-4.7355003
5925000000	2.775073511	-0.366519143	-6.863283452	-5.624152007	-5.03165193	-3.637315715	0.2059073	0.2738954	0.3139314	0.4327812	-5.1338699
5925000000	2.775073511	-0.314159265	-8.392716458	-5.62862375	-5.463255111	-3.938324555	0.1447866	0.2735922	0.284233	0.4038011	-5.5814274
5925000000	2.775073511	-0.261799388	-9.469337161	-5.272210275	-6.738914838	-4.899137912	0.1129968	0.2970154	0.2118891	0.3236579	-6.2637127
5925000000	2.775073511	-0.20943951	-8.838185652	-4.980798523	-9.024680481	-5.955641488	0.1306717	0.317629	0.1251791	0.2537617	-6.8442468
5925000000	2.775073511	-0.157079633	-7.617151018	-5.22361007	-6.663205726	-6.1730951	0.1730951	0.3003579	0.0805762	0.2156152	-7.1576984
5925000000	2.775073511	-0.104719575	-6.979554407	-6.456459221	-10.29650541	-7.726190003	0.2004678	0.2261279	0.0807969	0.1872324	-7.6030959
5925000000	2.775073511	-0.052359888	-6.907210866	-9.0650823	-10.55474872	-7.975211405	0.2038351	0.12402	0.0880086	0.1593665	-8.4219565
5925000000	2.775073511	-4.44E-16	-6.96329873	-12.77767624	-11.03294416	-8.622648505	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984778
5925000000	2.775073511	0.052359878	-6.960465983	-13.95522113	-12.5277763	-8.614036132	0.2013508	0.0402233	0.0558578	0.137593	-9.6352786
5925000000	2.775073511	0.104719755	-7.136933083	-11.99792941	-14.1349996	-7.343654818	0.1933333	0.0631258	0.0385922	0.1843463	-9.2352403
5925000000	2.775073511	0.157079633	-7.806677841	-10.57173335	-12.53499942	-6.505884584	0.1657037	0.0876651	0.0557892	0.2750499	-8.3549256
5925000000	2.775073511	0.20943951	-8.968210968	-9.780084681	-8.810259131	-4.247439748	0.1268174	0.1051941	0.1315146	0.376059	-7.3307177
5925000000	2.775073511	0.261799388	-9.501404194	-9.042320339	-6.026961342	-3.310221393	0.1121656	0.1246717	0.2496341	0.4666356	-6.2291833
5925000000	2.775073511	0.314159265	-7.87481677	-8.153241543	-4.602312784	-2.387119129	0.1631368	0.1529945	0.3465522	0.5771492	-5.086969
5925000000	2.775073511	0.366519143	-5.519181031	-7.156052348	-4.265972356	-1.351000227	0.2805963	0.1924841	0.3744577	0.7326558	-4.0339644
5925000000	2.775073511	-0.41887902	-3.917767813	-6.136506201	-4.462635795	-0.832578345	0.405717	0.2434161	0.3557879	0.8255477	-3.19700179
5925000000	2.775073511	0.471238898	-3.316901173	-5.216545819	-4.368022709	-1.350758552	0.4659184	0.3008468	0.3657613	0.7326965	-3.3132921
5925000000	2.775073511	0.523598776	-3.555136883	-4.454672437	-3.696921276	-1.880721497	0.4410485	0.358536	0.426882	0.6485263	-3.290604
5925000000	2.775073511	0.575958653	-4.197419907	-3.772653516	-2.996096233	-0.293361033	0.3804153	0.4195026	0.5016379	0.934682	-2.5254199
5925000000	2.775073511	0.628318531	-4.433545789	-3.042540395	-2.512632985	-1.77229578	0.3602844	0.4963019	0.5607079	1.5056463	-2.3624001
5925000000	2.775073511	0.680678408	-3.73247312	-2.244415674	-1.847657644	2.666202413	0.4234018	0.5964286	0.6534829	1.8476523	-0.5539822
5925000000	2.775073511	0.730382826	-2.57200097	-1.509783434	-0.699847419	2.4930626419	0.5530952	0.7083528	0.8511679	1.7754411	-0.1255082
5925000000	2.775073511	0.785398163	-1.536421577	-0.976335776	0.481639209	2.115569255	0.7020335	0.7986683	1.1172849	1.6261362	0.2572796
5925000000	2.775073511	0.837758041	-0.771477457	-0.641060831	1.151416091	2.060423408	0.8772444	0.8627678	1.3035918	1.6070979	0.6170705
5925000000	2.775073511	0.890117919	-0.200769042	-0.369616774	1.257263493	1.921682906	0.9548235	0.9184136	1.3357536	1.5565687	0.760539
5925000000	2.775073511	0.942477796	0.283520796	-0.037585689	1.21948788	1.629591155	1.0674612	0.9913829	1.3241854	1.4553221	0.8263743
5925000000	2.775073511	0.994837674	0.765687021	0.338747316	1.520235164	1.96239697	1.1903062	1.0811221	1.4191344	1.5712298	1.0197352
5925000000	2.775073511	1.047197551	1.224857922	0.629809291	2.042740755	2.971156239	1.3258237	1.1560615	1.6005678	1.9820546	1.8073556
5925000000	2.775073511	1.099557429	1.601772923	0.735892725	2.24715845	3.887514971	1.44603	1.1846479	1.677706	2.4476623	2.763261
5925000000	2.775073511	1.151917306	1.762667612	0.683167404	1.857090526	4.502003281	1.5006063	1.1703526	1.5335892	2.1968833	2.4453882
5925000000	2.775073511	1.204277184	1.640399971	0.594229836	1.102850546	5.063816977	1.4589486	1.1466292	1.2890954	3.2090885	2.9948239
5925000000	2.775073511	1.256637061	1.266109138	0.562684299	0.573802963	6.555422596	1.338477	1.1383307	1.1412487	3.6774118	2.6099317
5925000000	2.775073511	1.308996939	0.745305274	0.553162884	0.62664574	7.02664574	1.1872181	1.1358377	1.1288804	4.0055723	2.7503377
5925000000	2.775073511	1.361356817	0.197685467	0.449804926	0.485332917	5.930894836	1.0465706	1.109125	1.1182355	3.918226	2.5479918
5925000000	2.775073511	1.413716694	-0.30631836	0.201884219	-0.083613696	5.352984771	0.9318975	1.047583	0.9809314	3.4300344	2.034712
5925000000	2.775073511	1.46076572	-0.749359956	-0.101995453	-1.236137129	4.487297157	0.8415192	0.9767883	0.7522917	2.8015114	1.2878277
5925000000	2.775073511	1.518436449	-1.12904821	-0.320056554	-2.487179161	3.56362366	0.7710724	0.9289543	0.5640039	2.2717596	0.5459296
5925000000	2.775073511	1.570796327	-1.47552825	-0.412483542	-3.73999477	2.636524864	0.7119462	0.9093931	0.4636604	1.8350694	-0.0876627
5925000000	2.775073511	1.623156204	-1.865031708	-0.469126957	-4.116913259	1.572562079	0.6508739	0.8976092	0.387533	1.4363365	-0.7412701
5925000000	2.775073511	1.675516082	-2.330070348	-0.595463588	-5.670213746	0.21990464	0.5847806	0.8718738	0.2710058	1.0519388	-0.5807784
5925000000	2.775073511	1.72787596	-2.77389977	-0.81273331	-8.449764022	-1.487282073	0.5279709	0.8293287	0.1428972	0.710022	-2.5762474
5925000000	2.775073511	1.78023									

5925000000	2.827433388	-2.14675498	-1.987663925	-7.629663363	-10.47037096	-4.483304408	0.6327521	0.1725972	0.0897352	0.35618	-5.0471086
5925000000	2.827433388	-2.094395102	-1.657040917	-7.496878759	-10.7155452	-5.16116182	0.6828038	0.1779558	0.0848097	0.304708	-5.0505367
5925000000	2.827433388	-2.042035225	-1.449433653	-7.126370937	-10.64732152	-5.521642763	0.7162368	0.1938041	0.0861525	0.2804373	-4.9599473
5925000000	2.827433388	-1.989675347	-1.381884253	-6.560400476	-10.6056103	-5.561948354	0.7274641	0.2207801	0.0869839	0.2778466	-4.8377053
5925000000	2.827433388	-1.93731547	-1.512334409	-5.999778248	-11.43549592	-6.186784359	0.705938	0.2512015	0.071859	0.2406134	-4.9839045
5925000000	2.827433388	-1.884955592	-1.809786168	-5.258463311	-12.86429837	-7.637053633	0.6592064	0.2979571	0.0517095	0.1723037	-5.2974516
5925000000	2.827433388	-1.832595715	-2.068360393	-4.118067122	-11.05538444	-8.595866091	0.6211035	0.38743	0.0784263	0.1381699	-5.5817793
5925000000	2.827433388	-1.780235837	-2.016563395	-2.899197692	-7.018338856	-7.470711688	0.6285555	0.5129561	0.1986855	0.1790312	-4.2043692
5925000000	2.827433388	-1.72787596	-1.686258574	-2.030300067	-4.298899312	-5.742584117	0.6782255	0.6265706	0.3716294	0.2665272	-3.1359775
5925000000	2.827433388	-1.675516082	-1.419272068	-1.597807553	-3.983696981	-4.807316049	0.7212284	0.6921803	0.49159	0.3305738	-2.5267124
5925000000	2.827433388	-1.623156204	-1.404134013	-1.374677437	-2.845217688	-4.744694632	0.7237467	0.7286723	0.5193716	0.3353479	-2.3898124
5925000000	2.827433388	-1.570796327	-1.499057479	-1.065091914	-2.809505038	-5.056662849	0.7080994	0.7825116	0.5236601	0.3121287	-2.3537562
5925000000	2.827433388	-1.518436449	-1.450846863	-0.658535643	-2.277891271	-5.08705559	0.7160038	0.8593032	0.5918489	0.309952	-2.0811506
5925000000	2.827433388	-1.466076572	-1.204862694	-0.446190325	-1.379764589	-4.565818684	0.7577287	0.9023624	0.7278193	0.3494766	-1.647238
5925000000	2.827433388	-1.413716694	-0.953069117	-0.671555757	-0.760321768	-3.840827436	0.8029585	0.8567309	0.8393978	0.4129688	-1.3786027
5925000000	2.827433388	-1.361356817	-0.88586551	-1.289318447	-0.65029853	-3.332118777	0.8154803	0.7431358	0.8609346	0.4642887	-1.4208894
5925000000	2.827433388	-1.308996939	-0.952315013	-1.884002485	-0.726127636	-3.042378666	0.8030979	0.6480369	0.8460329	0.4963204	-1.5591316
5925000000	2.827433388	-1.256637061	-0.853890816	-1.909841003	-0.505925115	-2.619925115	0.8215063	0.6441928	0.8900358	0.5470254	-1.392488
5925000000	2.827433388	-1.204277184	-0.369875245	-1.364250174	0.060205488	-1.864358454	0.918359	0.7304239	1.0139594	0.6509487	-0.8174457
5925000000	2.827433388	-1.151917306	0.315285679	-0.723818084	0.537185753	-1.134021928	1.0752973	0.8464829	1.1316668	0.7017899	-0.1958333
5925000000	2.827433388	-1.099557429	0.842321392	-0.267914811	0.559646535	-0.970032704	1.2140376	0.9401746	1.1375347	0.7998282	0.0983054
5925000000	2.827433388	-1.047197551	1.065090166	0.03185649	0.172283353	-1.572051747	1.2779357	1.0073622	1.0404671	0.6962975	0.0238882
5925000000	2.827433388	-0.994837674	1.112591626	0.265467924	-0.2541487924	-2.507983529	1.29199	1.0630331	0.9431595	0.6513085	-0.1552994
5925000000	2.827433388	-0.942477796	1.169947728	0.392266492	-0.409383151	-2.779608805	1.3091662	1.0945274	0.9100425	0.5272774	-0.1761416
5925000000	2.827433388	-0.890117719	1.189516841	0.259589696	-0.397518692	-2.16341425	1.3150785	1.0615953	0.9152321	0.6076571	-0.1134486
5925000000	2.827433388	-0.837758041	0.910509568	-0.258503188	-0.59150805	-1.455032856	1.2332496	0.9422143	0.8726683	0.715314	-0.2647429
5925000000	2.827433388	-0.785398163	0.136102865	-1.127330066	-1.168304639	-1.064638173	1.0318351	0.7713953	0.764134	0.7825934	-0.7202065
5925000000	2.827433388	-0.733038286	-1.092886121	-2.037711014	-1.858055161	-0.88535088	0.7775197	0.6255023	0.6519203	0.8155769	-1.4409955
5925000000	2.827433388	-0.680678408	-2.483276601	-2.502707279	-2.168561363	-0.735084285	0.5645109	0.5619909	0.6069373	0.8442899	-1.5982373
5925000000	2.827433388	-0.628318531	-3.624044505	-2.424362271	-3.07432325	-0.682044151	0.4340698	0.572221	0.6255424	0.8546643	-2.0647196
5925000000	2.827433388	-0.575958653	-2.575958653	-2.275093957	-1.998093987	-1.018090511	0.3704118	0.5922303	0.630985	0.7910263	-2.2463471
5925000000	2.827433388	-0.523598776	-4.737271943	-2.492759954	-2.523902794	-1.928566976	0.3359486	0.5632796	0.5592548	0.6441221	-2.7986052
5925000000	2.827433388	-0.471238898	-5.19723031	-3.172611291	-3.516476453	-3.045182745	0.3021878	0.4846829	0.4449922	0.4616531	-3.6531164
5925000000	2.827433388	-0.41887902	-5.920685227	-4.121650758	-4.394168607	-3.848424116	0.2558182	0.3871105	0.3635659	0.4482472	-4.3927407
5925000000	2.827433388	-0.366519143	-7.166461946	-4.978952318	-4.853635104	-3.70442574	0.1920232	0.3177641	0.3270668	0.4602097	-4.8909865
5925000000	2.827433388	-0.314159265	-9.042514907	-5.386180003	-5.360523129	-3.680577123	0.1246661	0.2893224	0.2881693	0.4284916	-4.5873205
5925000000	2.827433388	-0.261799388	-10.522523	-5.257278455	-6.075111772	-4.652792115	0.0886641	0.2980384	0.2112462	0.3425475	-6.28703
5925000000	2.827433388	-0.20943951	-9.777451682	-4.975762266	-6.520506935	-5.744659912	0.1052579	0.3179975	0.1251679	0.2663999	-6.9096656
5925000000	2.827433388	-0.157079633	-8.167801808	-5.161917243	-10.81707144	-6.51884012	0.1524824	0.304655	0.0828501	0.222903	-7.1959778
5925000000	2.827433388	-0.104719755	-7.237340974	-6.359626273	-10.774121005	-7.171837592	0.1889148	0.2312264	0.0836718	0.1917857	-7.5971027
5925000000	2.827433388	-0.052359878	-6.989375253	-8.974106214	-10.48520664	-7.891533874	0.200015	0.1266454	0.0894292	0.1624975	-8.3969131
5925000000	2.827433388	-4.44-16	-6.963298694	-12.77767617	-11.03294128	-8.622648409	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984778
5925000000	2.827433388	0.052359878	-6.931778159	-14.18330535	-12.49119459	-8.784123451	0.2026853	0.0381654	0.0563483	0.1323085	-9.6908937
5925000000	2.827433388	0.104719755	-7.101019804	-12.38993412	-13.87849862	-7.584237955	0.1949387	0.0576775	0.0409402	0.1744119	-9.3791451
5925000000	2.827433388	0.157079633	-7.73203477	-11.15621727	-12.32217624	-5.777620784	0.1685763	0.0766264	0.0585845	0.2643857	-9.4757955
5925000000	2.827433388	0.20943951	-8.666006221	-10.55981643	-8.789400243	-4.338760364	0.1359563	0.087906	0.1321477	0.3682341	-7.4217505
5925000000	2.827433388	0.261799388	-8.767762326	-9.933103282	-6.041853618	-3.342499141	0.1328079	0.1015523	0.2487795	0.4631803	-6.2602199
5925000000	2.827433388	0.314159265	-7.167913052	-9.070880134	-4.582026186	-2.371092043	0.1915951	0.1238546	0.3481748	0.579283	-5.0749401
5925000000	2.827433388	0.366519143	-5.194632147	-7.999677465	-4.18243079	-1.301930515	0.3023687	0.1585011	0.3817306	0.709808	-4.0214968
5925000000	2.827433388	0.41887902	-3.963476647	-6.76524961	-4.314781137	-0.755468995	0.4014693	0.2106081	0.3702729	0.8403363	-3.4134801
5925000000	2.827433388	0.471238898	-3.695924392	-5.561209299	-4.210536808	-1.244145538	0.42698	0.2778939	0.3792838	0.7509056	-3.3840892
5925000000	2.827433388	0.523598776	-4.249918519	-4.551854675	-3.591878532	-1.830259889	0.3758445	0.3506021	0.4373329	0.656106	-3.4201593
5925000000	2.827433388	0.575958653	-5.127953207	-3.696364021	-2.964848728	-0.350758012	0.3070469	0.4269368	0.5052602	0.9224104	-2.6727381
5925000000	2.827433388	0.628318531	-5.294396695	-2.862135626	-2.591272775	-1.747658546	0.2955019	0.5173524	0.5506463	1.4954386	-1.4585507
5925000000	2.827433388	0.680678408	-4.187420765	-2.035078443	-2.068129431	-2.691259264	0.3812922	0.6258816	0.6211372	1.8583432	-1.5658112
5925000000	2.827433388	0.733038286	-2.63480178	-1.353759578	-1.003392918	-2.450622993	0.5451548	0.7321904	0.7937177	1.5081708	-1.0894755
5925000000	2.827433388	0.785398163	-1.402521604	-0.946823608	0.178904467	1.762368321	0.7240155	0.804114	1.0420545	1.0550529	-0.6076071
5925000000	2.827433388	0.837758041	-0.666244757	-0.800208636	0.082338652	1.400139959	0.8577792	0.8313753	1.225558	1.3804288	0.3091746
5925000000	2.827433388	0.890117919	-0.302807639	-0.77569055	1.047403134	1.257955397	0.9326512	0.8364326	1.271376	1.339664	0.3905962
5925000000	2.827433388	0.942477796	-0.066788228	-0.709482657	1.090813643	1.158604586	0.9847391	0.8492816	1.2855275	1.3057513	0.4388268
5925000000	2.827433388	0.994837674	0.25584922	-0.564019362	1.494684147	1.530566548	1.0606813	0.8782094	1.0480896	1.4225143	0.7665998
5925000000	2.827433388	1.047197551	0.673241515	-0.435382442	2.089959112	2.328895983	1.1676808	0.9046108	1.6180648	1.7095807	1.3032871
5925000000	2.827433388	1.099557429	0.986420695	-0.430525656	2.323819075	2.98092761	1.2549952	0.905623	1.7075833	1.9865192	1.6546619
5925000000	2.827433388	1.151917306	0.976175411	-0.545542672	1.936254543	3.367056103	1.2520381	0.8819529	1.5618972	2.1721289	1.6646419
5925000000	2.827433388	1.204277184	0.550452028	-0.670277468	1.17936551	3.79321858	1.135129	0.8569831	1.3120082	2.3950901	1.537547
5925000000	2.827433388	1.256637061	-0.215171959	-0.713186407	0.654069618	4.37242549	0.9516622	0.8485577	1.1625375	2.7367968	1.5737809
5925000000	2.827433388	1.308996939	-1.092924608	-0.718132935	0.60627084	4.801079934	0.7775128	0.8475917	1.1498127	3.0207028	1.6103991
5925000000	2.827433388	1									

5925000000	2.879793266	-2.565634	-7.653669323	-6.873271263	-23.30596821	-8.817142392	0.1716458	0.2054343	0.0046709	0.1313064	-8.9189412
5925000000	2.879793266	-2.513274123	-7.118469726	-6.318506548	-23.47152663	-7.904100773	0.194157	0.2334261	0.0044962	0.1620279	-8.2819517
5925000000	2.879793266	-2.460914245	-6.813085922	-5.968273708	-23.52379397	-7.181219991	0.208301	0.2530304	0.0044424	0.1913718	-7.8439836
5925000000	2.879793266	-2.408554368	-6.404281583	-6.127804325	-22.8846568	-6.719078664	0.228861	0.2439044	0.0051468	0.2128591	-7.6272575
5925000000	2.879793266	-2.35619449	-5.503835615	-6.905454319	-18.1765268	-6.16513432	0.2815895	0.2039175	0.0152176	0.2418619	-7.3133925
5925000000	2.879793266	-2.303834613	-4.239352654	-8.0234284	-14.13895101	-5.239066789	0.37676	0.1573666	0.0385571	0.2992900	-6.6142175
5925000000	2.879793266	-2.251474735	-3.096610191	-8.916621167	-11.98976103	-4.171176967	0.4901613	0.1286329	0.0632447	0.382721	-5.7493073
5925000000	2.879793266	-2.199114858	-2.381662417	-9.359060235	-11.32212184	-3.621931336	0.5778748	0.1159028	0.0737544	0.434317	-5.2221007
5925000000	2.879793266	-2.14675498	-2.114682295	-9.533001517	-11.51520847	-4.053133678	0.615414	0.1113525	0.0705471	0.3932662	-5.2662992
5925000000	2.879793266	-2.094395102	-2.159266967	-9.108146151	-11.75384237	-5.305111143	0.6082377	0.1227963	0.0667753	0.2947738	-5.6360552
5925000000	2.879793266	-2.042035225	-2.392807232	-7.781229173	-11.64592766	-6.321812636	0.5763938	0.1666775	0.0684553	0.2332484	-5.8303719
5925000000	2.879793266	-1.989675347	-2.79952376	-6.266574311	-11.71200634	-6.550972469	0.524865	0.2362341	0.0674216	0.2212659	-5.8096142
5925000000	2.879793266	-1.93731547	-3.359381894	-5.121781599	-12.33383994	-7.064286504	0.4613832	0.3074835	0.0584273	0.1965945	-5.918073
5925000000	2.879793266	-1.884955592	-3.841318371	-4.155869846	-12.12407875	-8.247659638	0.4129221	0.3840723	0.0613186	0.1497042	-5.9859202
5925000000	2.879793266	-1.832595715	-3.801693594	-3.005722122	-9.13632198	-8.617712661	0.4167069	0.5005273	0.1198497	0.1374766	-5.3218463
5925000000	2.879793266	-1.780235837	-3.085968217	-1.802138642	-9.92199049	-7.051936767	0.4913638	0.6603682	0.2553172	0.1971543	-3.9680052
5925000000	2.879793266	-1.72787596	-2.170327396	-0.925508769	-3.85321964	-5.284976946	0.6066906	0.8807033	0.4117921	0.2961436	-2.7517208
5925000000	2.879793266	-1.675516082	-1.589877549	-0.49664005	-3.02934676	-4.423278307	0.6934454	0.8919407	0.497812	0.3611372	-2.1389922
5925000000	2.879793266	-1.623156204	-1.479934924	-0.309138739	-3.039623437	-4.422619706	0.7112242	0.9312925	0.4966354	0.3611919	-2.0406022
5925000000	2.879793266	-1.570796327	-1.604161349	-0.031058809	-3.14646663	-4.728761446	0.6911684	0.992874	0.4845664	0.3326076	-2.0321476
5925000000	2.879793266	-1.518436449	-1.590461343	0.402799879	-2.62963338	-4.680745018	0.6933521	1.0971853	0.5458039	0.3403498	-1.7446172
5925000000	2.879793266	-1.466076572	-1.284283661	0.682474158	-1.669322702	-4.081122786	0.7439978	1.1701658	0.6808755	0.3907399	-1.2700233
5925000000	2.879793266	-1.413716694	-0.890840659	0.490282399	-0.989165264	-3.326688947	0.8145466	1.1195107	0.7963124	0.4648696	-0.9755661
5925000000	2.879793266	-1.361356817	-0.709848725	-0.223119064	-0.834899003	-2.836797202	0.8492101	0.9499223	0.8251067	0.5203796	-1.04492
5925000000	2.879793266	-1.308996939	-0.832165571	-1.132003058	-0.864736979	-2.6278785	0.8256262	0.7700548	0.8194573	0.5460245	-1.3052535
5925000000	2.879793266	-1.256637061	-1.032545171	-1.604536407	-0.575981735	-2.365327467	0.7883979	0.6911087	0.8757937	0.5800524	-1.3439969
5925000000	2.879793266	-1.204277184	-0.923406159	-1.39058424	-0.079385826	-1.794278829	0.8084616	0.7260083	1.0184474	0.6615644	-0.9494905
5925000000	2.879793266	-1.151917306	-0.439557972	-0.933541982	0.648897997	-1.167678138	0.9037415	0.8065769	1.1611539	0.7642443	-0.4146997
5925000000	2.879793266	-1.099557429	0.041948798	-0.53370856	0.754144892	-0.962546845	1.0097059	0.8843601	1.1896371	0.8012081	-0.126789
5925000000	2.879793266	-1.047197551	0.216820605	-0.060109192	0.427839564	-1.322167251	1.051192	0.9862547	1.1035295	0.7657061	-0.1339481
5925000000	2.879793266	-0.994837674	0.137731101	0.579651666	0.037617686	-1.793359592	1.032222	1.1427867	1.0086994	0.6371044	-0.1711706
5925000000	2.879793266	-0.942477796	0.062301591	1.137728766	-0.087254772	-1.680749099	1.0144489	1.2994898	0.9801093	0.6790865	-0.0292673
5925000000	2.879793266	-0.890117919	0.064188457	1.277077137	-0.039191727	-1.099869381	1.0148897	1.3418599	0.9910163	0.7762705	-0.136225
5925000000	2.879793266	-0.837758041	-0.095339164	0.822934504	-0.207304749	-0.706003163	0.9782866	1.2086302	0.9533877	0.8499623	-0.0105806
5925000000	2.879793266	-0.785398163	-0.649871543	-0.165653216	-0.799491599	-0.741500949	0.8610192	0.9625752	0.8318597	0.8403403	-0.5817843
5925000000	2.879793266	-0.733038286	-1.594065848	-1.320221765	-1.572101293	-0.938144943	0.6927769	0.7378666	0.6962895	0.8057225	-1.3479894
5925000000	2.879793266	-0.680678408	-2.680417951	-2.044259393	-0.300760207	-0.901258916	0.5394587	0.6245598	0.6304113	0.8125949	-1.8591483
5925000000	2.879793266	-0.628318531	-3.554093011	-2.130723555	-1.954376732	-0.726743958	0.4411545	0.6122484	0.6376206	0.8459128	-1.9775044
5925000000	2.879793266	-0.575988653	-4.085257888	-2.013049501	-1.92386432	-0.925914481	0.390368	0.6296043	0.6421161	0.8079948	-2.0944336
5925000000	2.879793266	-0.523598776	-4.522793391	-2.120146968	-2.38332023	-1.76632497	0.3529561	0.6137408	0.576988	0.6658364	-2.577618
5925000000	2.879793266	-0.471238898	-5.139163492	-2.587268258	-3.291305154	-2.824590877	0.3062553	0.5511543	0.4686725	0.5218443	-3.3537533
5925000000	2.879793266	-0.41887902	-6.072094312	-3.373711806	-4.142815465	-3.216313189	0.2470532	0.4598634	0.3852285	0.4768356	-4.0644239
5925000000	2.879793266	-0.366519143	-7.534153631	-4.322449389	-4.692068534	-3.121873124	0.176435	0.3696197	0.3394635	0.4873183	-4.644412
5925000000	2.879793266	-0.314159265	-9.726254798	-5.070435441	-5.038898386	-3.463843575	0.1065061	0.3111404	0.2908781	0.4504179	-3.799808
5925000000	2.879793266	-0.261799388	-11.68527662	-5.215793875	-6.783409256	-4.440926335	0.0678379	0.3008989	0.2097293	0.3596726	-2.6979294
5925000000	2.879793266	-0.20943951	-10.84977675	-4.978697317	-9.032427576	-5.55247265	0.0822285	0.3177827	0.1249324	0.2784535	-6.9712969
5925000000	2.879793266	-0.157079633	-8.78201967	-5.116152683	-10.69372606	-6.384537973	0.1323726	0.3078823	0.0852369	0.2299038	-7.2388556
5925000000	2.879793266	-0.104719755	-7.520331151	-6.278083501	-10.62485463	-7.074368044	0.1769974	0.2356089	0.0865599	0.1961387	-7.5986014
5925000000	2.879793266	-0.052359878	-7.077542386	-8.893413575	-10.41849943	-7.811131709	0.1959953	0.1290205	0.0908134	0.1655347	-8.3241102
5925000000	2.879793266	-4.44616	-6.963298728	-12.77767662	-11.03294085	-8.622648765	0.2012195	0.0527512	0.0788326	0.1373204	-9.2984779
5925000000	2.879793266	0.052359878	-6.905622033	-14.41708683	-12.4531373	-8.959073975	0.2039097	0.0361652	0.0568354	0.1270845	-9.746995
5925000000	2.879793266	0.104719755	-7.063065648	-12.79898498	-13.63181982	-7.842207399	0.1966253	0.052493	0.0433329	0.1643536	-9.4232927
5925000000	2.879793266	0.157079633	-7.637505292	-11.76303841	-12.09286665	-5.972640914	0.1722858	0.066634	0.0617608	0.252776	-8.9423927
5925000000	2.879793266	0.20943951	-8.351569641	-11.36072133	-8.74035675	-4.45480381	0.1461649	0.0731018	0.1336486	0.3585251	-7.4992149
5925000000	2.879793266	0.261799388	-8.173358606	-10.83686864	-6.046653144	-3.397881506	0.1522875	0.0824733	0.2485058	0.4573112	-6.2866531
5925000000	2.879793266	0.314159265	-6.695542821	-10.01309089	-6.576880227	-2.383639978	0.2140157	0.099699	0.3485786	0.5776117	-5.0866838
5925000000	2.879793266	0.366519143	-5.07581815	-8.870444909	-4.145205724	-1.287208163	0.310755	0.1297046	0.3850166	0.7434969	-4.064447
5925000000	2.879793266	0.41887902	-4.183981829	-7.361724554	-4.242671226	-0.690676118	0.3815942	0.1834809	0.3764722	0.8529673	-3.4808878
5925000000	2.879793266	0.471238898	-4.213586957	-5.783025975	-4.126615206	-1.073187763	0.3790018	0.2654068	0.3866682	0.7810543	-3.4419402
5925000000	2.879793266	0.523598776	-4.991806793	-4.44379751	-3.522169113	-1.606944171	0.3168249	0.3594349	0.4444092	0.6907256	-3.440469
5925000000	2.879793266	0.575958653	-5.864503116	-3.366181685	-2.932587949	-0.283610155	0.2591491	0.4066614	0.5090275	0.936783	-2.664775
5925000000	2.879793266	0.628318531	-5.657702403	-2.448657534	-2.659397646	1.757101108	0.2717877	0.5990288	0.5420761	1.4968641	-1.442298
5925000000	2.879793266	0.680678408	-4.178880898	-1.684054929	-2.30813008	2.75714474	0.3820427	0.6785698	0.5877424	1.8867505	-0.5365763
5925000000	2.879793266	0.733038286	-2.507794756	-1.171447377	-1.37249827	2.565239531	0.5613329	0.7635813	0.729038	1.8051943	-0.1556872
5925000000	2.879793266	0.785398163	-1.325393459	-0.982070309	-0.210263836	1.782546924	0.7369884	0.7976144	0.9527383	1.5074909	-0.0056148
5925000000	2.879793266	0.837758041	-0.748052609	-1.061053348	0.530444994	1.215419999	0.8417725	0.7832397	1.299117	1.3229456	-0.0383733
5925000000	2.879793266	0.890117919	-0.593441674	-1.226143493	0.755070158	1.019528383	0.8722798	0.7540248	1.189906	1.266559	-0.0686471
5925000000	2.879793266	0.942477796</									

5925000000	2.932153143	-2.984513021	-10.11311156	-14.47146208	-16.75567868	-12.12816513	0.0974291	0.0357153	0.0211073	0.0612609	-12.685874
5925000000	2.932153143	-2.932153143	-8.460457569	-14.69449657	-15.95365743	-9.104280266	0.1425457	0.0339274	0.0253883	0.1229057	-10.904879
5925000000	2.932153143	-2.879793266	-7.660739863	-15.68135942	-15.28386642	-7.964480309	0.1713665	0.0270311	0.0296219	0.1597909	-10.134405
5925000000	2.932153143	-2.827433388	-7.75210972	-13.76987226	-15.0288028	-7.405849448	0.1677989	0.0419771	0.0314137	0.1817252	-9.75807
5925000000	2.932153143	-2.77503511	-8.208426048	-11.55329436	-15.42108323	-6.476552368	0.1510628	0.0699311	0.0287006	0.2250841	-9.256858
5925000000	2.932153143	-2.722713633	-8.419537526	-10.92078709	-16.31170461	-6.171478157	0.1438952	0.0808949	0.0233792	0.2414639	-9.1218914
5925000000	2.932153143	-2.670353756	-8.183234421	-10.87880629	-17.97848008	-7.444887074	0.1519416	0.0816948	0.0159277	0.1800969	-9.6893025
5925000000	2.932153143	-2.617993878	-7.440521132	-10.21860712	-20.91637352	-9.652104238	0.1802801	0.095091	0.0080977	0.1083402	-10.089856
5925000000	2.932153143	-2.565364	-6.541407838	-9.076328356	-23.79753024	-9.66464752	0.2217477	0.1236993	0.0041711	0.1080727	-9.4153049
5925000000	2.932153143	-2.513274123	-6.050847948	-7.828936886	-24.51021763	-7.965873027	0.2482648	0.1648566	0.0035398	0.1597396	-8.4017288
5925000000	2.932153143	-2.460914245	-6.042669699	-6.89040777	-25.41282436	-6.870414053	0.2487328	0.2046253	0.0028755	0.2055695	-7.8133125
5925000000	2.932153143	-2.408554368	-6.019807363	-6.779135495	-22.40800499	-6.409626458	0.2500456	0.2099358	0.0057438	0.2285795	-7.6050986
5925000000	2.932153143	-2.35619449	-5.451530364	-7.686886652	-16.92132539	-5.954126148	0.2850014	0.1703378	0.0203174	0.253856	-7.3902722
5925000000	2.932153143	-2.303834613	-4.49774748	-9.322012364	-13.53501707	-4.932353942	0.3549975	0.1168958	0.0443096	0.3211919	-6.7912974
5925000000	2.932153143	-2.251474735	-3.692887936	-10.95741999	-12.1480283	-3.649653752	0.4272787	0.0802154	0.0609814	0.4315535	-6.020471
5925000000	2.932153143	-2.199114858	-3.336766167	-12.2590393	-12.15460549	-2.965750107	0.4637921	0.0594424	0.0608891	0.5051554	-5.6492087
5925000000	2.932153143	-2.14675498	-3.433719195	-13.37910819	-12.60989181	-3.400391511	0.453553	0.0452922	0.0548291	0.457047	-5.71515494
5925000000	2.932153143	-2.094395102	-3.805191063	-12.57860594	-12.63864651	-4.830462704	0.4163714	0.0552255	0.0544672	0.3288166	-6.70154708
5925000000	2.932153143	-2.042035225	-4.22321768	-9.54085048	-12.37346916	-6.123713539	0.3781623	0.1111515	0.0578966	0.2441342	-7.0369432
5925000000	2.932153143	-1.989675347	-4.534409858	-6.871502855	-12.24079963	-6.364734851	0.3520133	0.2055179	0.0596925	0.2309455	-6.7357285
5925000000	2.932153143	-1.93731547	-4.630627419	-5.170237648	-11.91963487	-6.618029551	0.3443002	0.3040719	0.0642742	0.2178698	-6.3333613
5925000000	2.932153143	-1.884955592	-4.346026704	-3.965059709	-10.35892858	-7.400111052	0.3676185	0.401323	0.0920677	0.181965	-5.8378628
5925000000	2.932153143	-1.832595715	-3.594970697	-2.71955302	-7.96588758	-7.468837296	0.4370216	0.5346194	0.1714199	0.1791085	-4.8017288
5925000000	2.932153143	-1.780235837	-2.586021173	-1.448470466	-5.184819641	-5.992668113	0.5513126	0.7163957	0.3305026	0.251631	-3.414225
5925000000	2.932153143	-1.72787596	-1.68772385	-0.51257282	-3.669130773	-4.404510869	0.6779968	0.8886745	0.4296224	0.3627011	-2.933301
5925000000	2.932153143	-1.675516082	-1.155951899	-0.06498699	-3.175069139	-3.672821124	0.7663106	0.9851476	0.4813856	0.4292575	-1.7683542
5925000000	2.932153143	-1.623156204	-1.006013702	0.084074145	-3.369884798	-3.754924377	0.7932291	1.0195474	0.4602688	0.4212186	-1.7615986
5925000000	2.932153143	-1.570796327	-1.022842494	0.326037123	-3.536485401	-4.090312339	0.7901613	1.0779626	0.4429468	0.3899139	-1.7053787
5925000000	2.932153143	-1.518436449	-0.916418963	0.825302695	-2.956541007	-4.01886416	0.8097633	1.2092895	0.5062277	0.3963817	-1.3642999
5925000000	2.932153143	-1.466076572	-0.575929306	1.273674946	-1.888319543	-3.930440168	0.8758043	1.3408108	0.6473931	0.4580955	-0.8064682
5925000000	2.932153143	-1.413716694	-0.164381673	1.282625181	-1.11610372	-2.647597533	0.9628571	1.3435769	0.7733742	0.5435059	-0.4294862
5925000000	2.932153143	-1.361356817	0.05922549	0.724127127	-0.88611004	-2.222010848	1.0137306	1.1814428	0.8154343	0.5995134	-0.4453822
5925000000	2.932153143	-1.036658296	-0.036658296	-0.176649083	-0.845870716	-2.146309877	0.9915946	1.0604412	0.8230248	0.610055	-0.7252497
5925000000	2.932153143	-1.256637061	-0.342569847	-0.861301233	-0.489257614	-2.093845656	0.9241512	0.8201058	0.8934582	0.6174694	-0.8948438
5925000000	2.932153143	-1.204277184	-0.541505302	-1.007807155	0.231968031	-1.734087465	0.8827739	0.7929016	1.0548648	0.7670772	-0.7041027
5925000000	2.932153143	-1.151917306	-0.4311655	-1.000127276	0.871087166	-1.185711296	0.9054896	0.794305	1.2221056	0.7610775	-0.3586029
5925000000	2.932153143	-1.099557429	-0.231148286	-1.100792704	1.049841194	-0.857388326	0.9481677	0.7761054	1.2734565	0.8208459	-0.201586
5925000000	2.932153143	-1.047197551	-0.280564666	-0.866859839	0.788623353	-0.89228932	0.9374401	0.8190568	1.1991191	0.8412749	-0.257312
5925000000	2.932153143	-0.994837674	-0.617673909	0.053047959	0.441588411	-0.969440788	0.8674263	1.0122896	1.1070286	0.7999373	-0.2380117
5925000000	2.932153143	-0.942477796	-0.949456934	1.099121895	0.336822707	-0.710192247	0.8036266	1.2879891	1.0806431	0.8491429	-0.2031746
5925000000	2.932153143	-0.890117919	-1.025535801	1.612790563	0.389397612	-0.293193375	0.7896714	1.4497031	1.0938046	0.9347181	-0.2815396
5925000000	2.932153143	-0.837758041	-0.990364943	1.362588282	0.215070778	-0.178726307	0.7960925	1.3685442	1.0507686	0.959682	-0.1860557
5925000000	2.932153143	-0.785398163	-1.132514526	0.459768945	-0.406028329	-0.522329519	0.7704573	1.116726	0.9107458	0.8866803	-0.3626459
5925000000	2.932153143	-0.733038286	-1.555033398	-0.669247467	-1.25394183	-0.990515873	0.6990314	0.8571864	0.7492139	0.7960648	-1.1048871
5925000000	2.932153143	-0.680678408	-2.150938547	-1.453045235	-1.798313504	-0.701649477	0.6094052	0.7156414	0.6609501	0.7867469	-1.5915028
5925000000	2.932153143	-0.628318531	-2.733947851	-1.737734345	-1.837952122	-1.074162555	0.5328503	0.6702342	0.6549449	0.8361003	-1.7164149
5925000000	2.932153143	-0.575958653	-3.282957438	-1.82890784	-1.826485768	-0.860143285	0.4695742	0.6563103	0.6566764	0.8203245	-1.8660494
5925000000	2.932153143	-0.523598776	-3.989764981	-1.965347222	-2.241574951	-1.60009504	0.3990465	0.636012	0.5968225	0.6918158	-2.3588053
5925000000	2.932153143	-0.471238898	-4.978560826	-2.255707408	-2.701150737	-2.560653376	0.3717927	0.5948799	0.4930431	0.5545423	-3.0974636
5925000000	2.932153143	-0.41887902	-6.24531935	-2.83229795	-3.913957584	-2.931418352	0.2373931	0.520919	0.4060731	0.5091646	-3.7842136
5925000000	2.932153143	-0.366519143	-7.945485642	-3.760272323	-4.903454903	-2.903454903	0.1604913	0.4207002	0.3502534	0.5124536	-4.4252333
5925000000	2.932153143	-0.314159265	-10.40420625	-4.749401187	-5.344678301	-3.29086383	0.0911128	0.3350116	0.2921004	0.4687201	-5.762924
5925000000	2.932153143	-0.261799388	-12.89759212	-5.164645785	-6.832626756	-4.263661588	0.0513146	0.3044636	0.2073659	0.374657	-6.2994962
5925000000	2.932153143	-0.20943951	-12.04630743	-4.99047122	-9.047761571	-5.380745866	0.0624265	0.3169224	0.1245156	0.2896466	-7.0248614
5925000000	2.932153143	-0.157079633	-9.455289621	-5.08448444	-10.56985363	-6.261635667	0.1133629	0.3101356	0.087703	0.2365029	-7.2833006
5925000000	2.932153143	-0.104719755	-7.826544095	-6.210583734	-10.38036539	-6.983680047	0.1649474	0.2392994	0.0895829	0.2002774	-7.6066722
5925000000	2.932153143	-0.052359878	-7.171206265	-8.822691468	-10.35529043	-7.73381353	0.1918136	0.1311387	0.0921448	0.1685074	-8.3594145
5925000000	2.932153143	-4.44E-16	-6.963298967	-12.77767629	-11.03294133	-8.622648728	0.2012195	0.0527512	0.0788326	0.1373204	-9.298478
5925000000	2.932153143	0.052359878	-6.88173699	-14.65521803	-12.41664434	-9.138316447	0.2050342	0.0342356	0.0573315	0.1219462	-9.8031518
5925000000	2.932153143	0.104719755	-7.023373308	-13.21747213	-13.39592748	-8.118203962	0.1984553	0.0476708	0.0457517	0.1542338	-9.5261644
5925000000	2.932153143	0.157079633	-7.524808844	-12.36977963	-11.85134045	-6.193356099	0.176815	0.0579458	0.0652929	0.2402505	-8.694216
5925000000	2.932153143	0.20943951	-8.045683846	-12.13898027	-8.663261471	-4.599578869	0.1568309	0.0611085	0.1360423	0.3647705	-7.5469553
5925000000	2.932153143	0.261799388	-7.718757289	-11.68993686	-6.038971144	-3.481132008	0.1609025	0.0677651	0.2489447	0.4486284	-6.31512827
5925000000	2.932153143	0.314159265	-6.421254025	-10.90026373	-5.48049558	-2.429960301	0.2279684	0.0812781	0.3479325	0.5714839	-5.126775
5925000000	2.932153143	0.366519143	-5.126959167	-9.671221217	-5.133933799	-1.317286948	0.3071172	0.1078643	0.3842436	0.7383653	-4.1521933
5925000000	2.932153143	0.41887902	-4.531750408	-7.841084414	-4.246313103	-0.662933337	0.3522289	0.1643961	0.3761524	0.8584335	-3.5694127
5925000000	2.932153143	0.471238898	-4.78751823	-5.875390596	-4.115558959	-0.887974803	0.3320842	0.2585002	0.3876539	0.8150843	-3.4840158
5925000000	2.932153143	0									

5925000000	2.932153143	2.932153143	-17.22100255	-10.10094861	-16.51197722	-15.23136284	0.0189627	0.0977024	0.0223256	0.0299822	-13.742431
5925000000	2.932153143	2.984513021	-20.05463301	-11.54556707	-16.23859657	-16.85525391	0.009875	0.0700557	0.0237761	0.0206288	-15.074646
5925000000	2.932153143	3.036872899	-19.06399187	-12.96269652	-17.61419058	-20.67937311	0.0124051	0.0505511	0.0173213	0.0085519	-16.535032
5925000000	2.932153143	3.089232776	-18.49858657	-15.56499936	-19.95483044	-22.64409357	0.01413	0.0277652	0.0101045	0.0054399	-18.428488
5925000000	2.932153143	3.214592654	-17.25575611	-20.41819988	-22.18420266	-18.28340297	0.0188115	0.0090082	0.0061314	0.0148477	-19.129946
5925000000	2.984513021	-3.141592654	-17.25575591	-20.4182	-22.1442595	-18.28340312	0.0188115	0.0090082	0.0061314	0.0148477	-19.129946
5925000000	2.984513021	-3.089232776	-14.55976975	-21.0271288	-21.04787638	-17.26507187	0.0349964	0.0078938	0.0078562	0.0187712	-17.599681
5925000000	2.984513021	-3.036872899	-12.16141709	-16.14573382	-18.30151763	-16.32348079	0.0607937	0.0242899	0.0147859	0.0233159	-15.115007
5925000000	2.984513021	-2.984513021	-10.06375446	-13.80824402	-17.61801884	-12.08775073	0.0985427	0.0416079	0.0213708	0.0618337	-12.530643
5925000000	2.984513021	-2.932153143	-8.461011549	-14.05939523	-15.87938152	-9.03123849	0.1425276	0.03927	0.0258263	0.1249903	-10.801194
5925000000	2.984513021	-2.879793266	-7.849693861	-16.37325826	-15.21079809	-7.921040809	0.1640705	0.0230502	0.0301245	0.1613972	-10.238307
5925000000	2.984513021	-2.827433388	-8.092859311	-15.92868976	-15.01451987	-7.489167986	0.1551365	0.0255347	0.0315172	0.178272	-10.104829
5925000000	2.984513021	-2.775073511	-8.292084106	-13.61112781	-15.50928547	-6.656095797	0.1481807	0.0435399	0.0281236	0.2159685	-9.6276011
5925000000	2.984513021	-2.722713633	-7.997072243	-13.91413272	-16.49970289	-6.433842886	0.1585962	0.0406057	0.0223887	0.2273085	-9.4991122
5925000000	2.984513021	-2.670353756	-7.440714775	-16.01057551	-18.20483449	-8.039764286	0.1802721	0.0250578	0.0151188	0.1570448	-10.251506
5925000000	2.984513021	-2.617993878	-6.467383333	-14.81783483	-20.85673078	-11.14023298	0.2255598	0.0329774	0.0082097	0.0769089	-10.659363
5925000000	2.984513021	-2.565634	-5.427051736	-11.85045552	-22.89140944	-10.92551073	0.2866123	0.0653062	0.0051388	0.080807	-9.6072049
5925000000	2.984513021	-2.513274123	-5.035843036	-9.650376242	-23.90578912	-8.226726665	0.3136286	0.1083833	0.0040684	0.1504275	-8.4125478
5925000000	2.984513021	-2.460914245	-5.372257226	-8.265086135	-24.9315326	-6.688202973	0.2902514	0.1491407	0.0032125	0.2143777	-7.8453008
5925000000	2.984513021	-2.408554368	-5.786367766	-8.006680702	-20.33013823	-6.133999236	0.2638537	0.1582457	0.009268	0.2345567	-7.7280504
5925000000	2.984513021	-2.35619449	-5.587684512	-9.072618957	-15.43114757	-5.754888875	0.276205	0.123805	0.0286342	0.2657732	-7.6043943
5925000000	2.984513021	-2.303834613	-5.066513053	-11.17644444	-12.86679414	-4.743585118	0.3157539	0.0762703	0.0516798	0.3354606	-7.1043081
5925000000	2.984513021	-2.251474735	-4.622436479	-13.22176897	-12.29758029	-3.346002806	0.3449502	0.0476237	0.0589135	0.4628068	-6.4097404
5925000000	2.984513021	-2.199114858	-4.648799882	-14.22407913	-13.01605638	-2.535192346	0.3428625	0.0378087	0.0499286	0.5578029	-6.0712605
5925000000	2.984513021	-2.14675498	-4.981464549	-14.19358394	-13.5255382	-2.861452817	0.3175803	0.0380751	0.0444065	0.5174337	-6.3945592
5925000000	2.984513021	-2.094395102	-5.295668028	-11.97459553	-13.09784217	-4.176224925	0.2954154	0.0634659	0.0490022	0.3822764	-7.0434496
5925000000	2.984513021	-2.042035225	-5.163766177	-8.63590932	-12.61129468	-3.530499057	0.3045253	0.1369018	0.0548114	0.2917092	-7.0556265
5925000000	2.984513021	-1.989675347	-4.476856288	-6.070549443	-12.01990452	-5.483787631	0.3567092	0.2471411	0.0628072	0.2828924	-6.2454216
5925000000	2.984513021	-1.93731547	-3.589300006	-4.512591148	-10.65860519	-5.564103575	0.4375926	0.3537862	0.0859289	0.2777088	-5.3947178
5925000000	2.984513021	-1.884955592	-2.815672759	-3.51729347	-8.616601095	-6.097427565	0.522917	0.4449084	0.1375118	0.2456163	-4.7141959
5925000000	2.984513021	-1.832595715	-2.206641524	-2.530289444	-6.475454494	-6.042913632	0.6016388	0.5580833	0.225141	0.2468188	-3.8882612
5925000000	2.984513021	-1.780235837	-1.719058369	-1.440707066	-4.732802583	-4.711212597	0.6731226	0.7176774	0.3362945	0.3379705	-2.8712627
5925000000	2.984513021	-1.72787596	-1.355974604	-0.58882488	-3.702135491	-3.302995043	0.7318171	0.8732076	0.4263698	0.4674127	-2.043275
5925000000	2.984513021	-1.675516082	-1.151279463	-0.223419846	-3.455031073	-2.701064996	0.7671355	0.9498565	0.4513328	0.5369001	-1.6985661
5925000000	2.984513021	-1.623156204	-1.086766594	-0.247180389	-3.729698847	-2.871821094	0.778616	0.946784	0.4236724	0.5161999	-1.7660232
5925000000	2.984513021	-1.570796327	-1.046638579	-0.232646144	-3.848417305	-3.256099651	0.7858436	0.9478408	0.4122734	0.4714872	-1.8041664
5925000000	2.984513021	-1.518436449	-0.884344931	0.182052467	-3.147897212	-3.189187755	0.8157658	1.0428010	0.4844068	0.4798232	-1.5137896
5925000000	2.984513021	-1.466076572	-0.557974081	0.758717936	-1.960164412	-2.559575623	0.8794327	1.1908904	0.6367714	0.5546798	-0.8886601
5925000000	2.984513021	-1.413716694	-0.182426032	0.987297487	-1.081159375	-1.85771635	0.9588648	1.2552486	0.779622	0.6519711	-0.4027828
5925000000	2.984513021	-1.361356817	0.626848911	-0.752452819	-1.525786567	-1.525786567	1.0128384	1.1552737	0.8409201	0.7037548	-0.3235962
5925000000	2.984513021	-1.308996939	0.038016144	-0.138720699	-0.635377227	-1.604970943	1.008792	0.9685631	0.8638976	0.6910396	-0.5400336
5925000000	2.984513021	-1.256637061	-0.173703989	-0.715199841	-0.239256142	-1.768540462	0.9607925	0.8481644	0.9463992	0.6654968	-0.679252
5925000000	2.984513021	-1.204277184	-0.342893327	-0.769772855	0.503529207	-1.606836913	0.9240823	0.8375514	1.1229306	0.6907427	-0.4474401
5925000000	2.984513021	-1.151917306	-0.295727512	-0.826781314	1.173377026	-1.101236777	0.9341729	0.8265604	1.3129183	0.7707621	-0.1662547
5925000000	2.984513021	-1.099557429	-0.187724326	-1.322629549	1.425216092	-0.611768845	0.9576958	0.7374576	1.3884224	0.8868066	-0.0522302
5925000000	2.984513021	-1.047197551	-0.31059726	-1.687116638	1.82882287	-0.356365412	0.9309798	0.7809916	1.3270529	0.9212202	-0.1577157
5925000000	2.984513021	-0.994837674	-0.719747538	-0.895929219	0.914451141	-0.212375055	0.8472767	0.8135928	1.2343693	0.9522752	-0.1687978
5925000000	2.984513021	-0.942477796	-1.126621759	0.489414482	0.795365086	0.006206275	0.7715034	1.119287	1.200982	1.0014039	-0.1000323
5925000000	2.984513021	-0.890117719	-1.190941674	1.350676591	0.809424822	0.201149236	0.7601614	1.3647957	1.2048764	0.74074057	0.3914027
5925000000	2.984513021	-0.837758041	-0.98448062	1.342093642	0.603148004	0.090720889	0.7971718	1.3621012	1.1489862	1.021109	0.3436452
5925000000	2.984513021	-0.785398163	-0.852967451	0.639187977	-0.09425434	-0.433077562	0.821681	1.1585607	0.9899596	0.905091	-0.1735553
5925000000	2.984513021	-0.733038286	-0.983212144	-0.261600325	-0.393934072	-1.047656524	0.7974047	0.9415426	0.8055007	0.7856595	-0.7960174
5925000000	2.984513021	-0.680678408	-0.891605898	-1.56978478	-1.166395701	-0.696661	0.7387239	0.8144031	0.696661	0.76447	-1.3278958
5925000000	2.984513021	-0.628318531	-1.733097405	-1.290516776	-1.697391391	-0.862134854	0.6709502	0.7429307	0.6764892	0.8199484	-1.3811948
5925000000	2.984513021	-0.575958653	-1.738168337	-1.67688864	-0.846680111	-0.846680111	0.5863854	0.6796904	0.6731407	0.8228851	-1.6082034
5925000000	2.984513021	-0.523598776	-3.286421996	-1.980568476	-2.100898351	-1.453364135	0.4691998	0.6337867	0.6164675	0.7155889	-2.1555338
5925000000	2.984513021	-0.471238898	-4.688579173	-2.153604237	-2.87597938	-2.28719762	0.3397364	0.6093012	0.5157058	0.900582	-2.8923644
5925000000	2.984513021	-0.41887902	-6.373908951	-2.503211249	-3.722579792	-2.660214558	0.2304672	0.5619257	0.4243674	0.5419741	-3.5685974
5925000000	2.984513021	-0.366519143	-8.58223635	-3.33751251	-4.543207023	-2.727738751	0.1459408	0.4637124	0.358565	0.5336127	-4.2543895
5925000000	2.984513021	-0.314159265	-11.03267867	-4.471793694	-5.35234275	-3.163695203	0.0788374	0.3571253	0.2915854	0.482648	-5.1920427
5925000000	2.984513021	-0.261799388	-14.06354999	-5.12080844	-6.899750596	-4.120764873	0.0392324	0.3075524	0.2041855	0.3871894	-6.2978371
5925000000	2.984513021	-0.20943951	-13.345965	-5.012439984	-6.960745648	-5.231049934	0.0462811	0.3153233	0.1239522	0.2998438	-6.7096892
5925000000	2.984513021	-0.157079633	-10.18128528	-5.065217977	-10.4477919	-6.15145684	0.0959117	0.3115145	0.090203	0.2425796	-7.327058
5925000000	2.984513021	-0.104719755	-8.153672214	-6.155913372	-10.3436035	-6.899661216	0.1529793	0.2423308	0.0924046	0.2041897	-6.2601384
5925000000	2.984513021	-0.052359878	-7.269788621	-8.761620046	-10.29622521	-7.659491565	0.1875086	0.1329958	0.0934066	0.1714158	-8.464616
5925000000	2.984513021	-4.446-16	-6.963298937	-12.77767621	-11.03294177	-8.622648683	0.2012195	0.0527512	0.0788326	0.1373204	-9.298478
5925000000	2.984513021	0.052359878	-6.859880717	-14.89611186	-12.37836816	-9.321178332	0.2066087	0.0323883	0.0578314	0.1169182	-9.8589271
5925000000	2.984513021	0.047									

5925000000	2.984513021	2.513274123	-9.834370846	-6.332414513	-14.20490863	-10.3448323	0.1038874	0.2326797	0.037976	0.092367	-9.3282671
5925000000	2.984513021	2.565634	-8.531075111	-5.676766432	-12.24452382	-13.69381062	0.1402466	0.2705972	0.0596414	0.0427188	-8.9176992
5925000000	2.984513021	2.617993878	-7.572459605	-5.844809885	-12.44885088	-16.60340192	0.1748856	0.2603269	0.0569002	0.0218605	-8.9111952
5925000000	2.984513021	2.670353756	-7.356940904	-7.154037943	-14.81273378	-15.59945681	0.1837832	0.1925734	0.0330162	0.0275457	-9.6165956
5925000000	2.984513021	2.722713633	-7.907291703	-8.815404787	-19.38602557	-13.84032707	0.1619089	0.1313589	0.0151585	0.0413016	-10.628734
5925000000	2.984513021	2.775073511	-8.975409639	-8.894906752	-21.71321146	-12.64049103	0.1266074	0.1289761	0.0607403	0.0544441	-11.013188
5925000000	2.984513021	2.827433388	-10.43833916	-8.131251712	-19.5467801	-12.47581552	0.0903995	0.1537711	0.0111	0.0565482	-11.081577
5925000000	2.984513021	2.879793266	-13.04730587	-8.37355728	-17.7196284	-13.33940694	0.0495758	0.1454267	0.0169059	0.046351	-11.900039
5925000000	2.984513021	2.932153143	-17.70194796	-9.835988424	-16.40183732	-14.54383642	0.0169748	0.1038487	0.022899	0.035125	-13.49577
5925000000	2.984513021	2.984513021	-20.38791457	-11.60703038	-16.28342704	-16.46887569	0.0091455	0.0690712	0.0235319	0.0225485	-15.075989
5925000000	2.984513021	3.036872899	-18.79405426	-13.06633261	-17.66296602	-21.09263215	0.0132006	0.049359	0.0171279	0.0077757	-16.602347
5925000000	2.984513021	3.089232776	-18.51569255	-15.51658297	-20.02056265	-22.99248966	0.0140744	0.0280764	0.0099528	0.0050205	-18.452402
5925000000	2.984513021	3.141592654	-17.25575591	-20.4182	-22.12442595	-18.28340312	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	3.036872899	-3.141592654	-17.25575586	-20.41819981	-22.12442612	-18.28340317	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	3.036872899	-3.089232776	-14.45473979	-21.00098784	-20.95650204	-17.33646258	0.035853	0.0079415	0.0080232	0.0184652	-17.5521
5925000000	3.036872899	-3.036872899	-12.13473415	-15.73525259	-18.27770972	-16.34964802	0.0611683	0.0266978	0.0148672	0.0231758	-15.020029
5925000000	3.036872899	-2.984513021	-10.06742293	-13.20895466	-16.71588529	-12.09128266	0.0984595	0.0477644	0.0213016	0.0617834	-12.416391
5925000000	3.036872899	-2.932153143	-8.519985525	-13.34070818	-15.88357853	-9.003414991	0.1406052	0.0463371	0.0258013	0.1257936	-10.723453
5925000000	3.036872899	-2.879793266	-8.067267462	-16.32745675	-15.23274958	-17.877065385	0.1560534	0.0232945	0.0299726	0.1630397	-10.310966
5925000000	3.036872899	-2.827433388	-8.323179466	-17.86828174	-15.16956	-7.543855902	0.1471235	0.016337	0.0304119	0.1070412	-10.339596
5925000000	3.036872899	-2.775073511	-8.084660391	-15.07347292	-15.88014791	-6.865570856	0.1554297	0.0310923	0.0258217	0.2057988	-9.8073565
5925000000	3.036872899	-2.722713633	-7.403651973	-15.74655008	-16.98917365	-6.767602118	0.1818171	0.0266284	0.0200024	0.210494	-9.5965287
5925000000	3.036872899	-2.670353756	-6.786963462	-20.33835306	-18.55670606	-8.702286154	0.2095577	0.0092505	0.0139421	0.1348253	-10.367133
5925000000	3.036872899	-2.617993878	-5.795934536	-16.0774159	-20.52984509	-13.01081936	0.2632731	0.0426751	0.0088515	0.049994	-10.619888
5925000000	3.036872899	-2.565634	-4.764703136	-11.78197945	-21.45618938	-12.52304035	0.3338333	0.0663441	0.0071512	0.0559366	-10.3623043
5925000000	3.036872899	-2.513274123	-4.541279047	-9.971493301	-22.18865098	-8.620973021	0.3514569	0.1006585	0.0060414	0.1373734	-8.2715618
5925000000	3.036872899	-2.460914245	-5.192583206	-9.24784413	-22.57807657	-6.662497393	0.3025114	0.1189092	0.0055232	0.1256504	-7.9412319
5925000000	3.036872899	-2.408554368	-5.899942516	-9.437495877	-18.12782952	-5.987124974	0.257043	0.1138283	0.0153892	0.2519434	-7.9710661
5925000000	3.036872899	-2.35619449	-5.820582371	-10.87237738	-14.04082707	-5.667376315	0.2617832	0.0818017	0.0394382	0.2711829	-7.8634544
5925000000	3.036872899	-2.303834613	-5.307127751	-13.41124235	-12.19996492	-4.765288319	0.294637	0.0455906	0.0602564	0.3337883	-7.3620279
5925000000	3.036872899	-2.251474735	-4.970452704	-15.15816575	-12.3881741	-3.79863803	0.3183866	0.0304918	0.0577009	0.4592124	-6.6464685
5925000000	3.036872899	-2.199114858	-4.936040778	-14.07498601	-13.72978797	-2.50746432	0.3209194	0.0391292	0.0423664	0.5613756	-6.180773
5925000000	3.036872899	-2.14675849	-5.065704142	-11.73785717	-13.93211625	-2.723263048	0.3114796	0.0670215	0.0404379	0.5341629	-6.2292068
5925000000	3.036872899	-2.094395102	-5.01541633	-8.95104905	-12.97026718	-3.837503623	0.3151272	0.1273196	0.050463	0.413285	-6.4483846
5925000000	3.036872899	-2.042035225	-4.381617362	-6.25009002	-12.35266376	-4.73845168	0.3646181	0.2371325	0.0581746	0.3358573	-6.0389548
5925000000	3.036872899	-1.989675347	-3.298796771	-4.209777398	-11.29926023	-4.69239571	0.4678647	0.3793344	0.0714337	0.3393958	-5.0143494
5925000000	3.036872899	-1.93731547	-2.320493858	-2.938872788	-9.265196889	-4.637925096	0.5860715	0.5082913	0.1184351	0.3437221	-4.0990527
5925000000	3.036872899	-1.884955592	-1.74921739	-2.176614328	-7.18770978	-5.008113249	0.6684644	0.605813	0.1910861	0.3517632	-3.5139584
5925000000	3.036872899	-1.832595715	-1.537218881	-1.513711444	-5.59623653	-4.89620616	0.7019046	0.7057142	0.2756616	0.3238765	-2.9947866
5925000000	3.036872899	-1.780253837	-1.496685872	-0.760239155	-4.50310317	-3.698617675	0.7084862	0.839138	0.3545673	0.4267153	-2.476154
5925000000	3.036872899	-1.72785796	-1.483945816	-0.120038444	-3.888106775	-2.449192733	0.7105676	0.9277386	0.4084974	0.5689587	-1.7705391
5925000000	3.036872899	-1.675516082	-1.465868337	0.124376207	-3.77066393	-1.962752651	0.7135315	0.1290527	0.4195071	0.636392	-1.5513725
5925000000	3.036872899	-1.623156204	-1.465891148	-0.083124044	-3.982457536	-2.206393224	0.7135278	0.981042	0.3997168	0.6015976	-1.7135876
5925000000	3.036872899	-1.570796327	-1.464916095	-0.453203858	-3.952437597	-2.618011772	0.713688	0.9009063	0.4024911	0.5472664	-1.9308273
5925000000	3.036872899	-1.518436449	-1.379583219	-0.490469736	-3.13237905	-2.533587722	0.7278497	0.8932089	0.4861387	0.5580009	-1.7632917
5925000000	3.036872899	-1.466706572	-1.151652948	-0.13854568	-1.895902604	-1.890653663	0.7670695	0.969649	0.651703	0.6470452	-1.1983452
5925000000	3.036872899	-1.413716694	-0.836509977	0.092814673	-0.882864668	-1.214772983	0.8248007	1.0216014	0.8160439	0.7560016	-0.6823107
5925000000	3.036872899	-1.361356817	-0.586899792	-0.228287317	-0.452915566	-0.941658613	0.8735948	0.9487926	0.9009648	0.8050709	-0.5447934
5925000000	3.036872899	-1.308996939	-0.534550678	-0.974305811	-0.274430056	-1.113828218	0.8841886	0.7990417	0.9387651	0.7377394	-0.7112111
5925000000	3.036872899	-1.256637061	-0.646485588	-1.391206188	0.120029582	-1.413525487	0.8616908	0.7259043	1.0280233	0.7221833	-0.7859946
5925000000	3.036872899	-1.204277184	-0.691918938	-1.037515809	0.841553088	-1.386477078	0.8527233	0.7874957	1.2138229	0.7266952	-0.8080757
5925000000	3.036872899	-1.151917306	-0.491118408	-0.677230896	1.535505591	-0.907341276	0.8930755	0.8556121	1.424133	0.8145777	-0.0171033
5925000000	3.036872899	-1.099557429	-0.199952715	-1.000951817	1.832042602	-0.302507518	0.955003	0.7941542	1.5247697	0.9327156	-0.075816
5925000000	3.036872899	-1.047197551	-0.110442452	-1.703378102	1.689353472	0.115358164	0.9748903	0.6755573	1.4754869	1.0269181	0.1628652
5925000000	3.036872899	-0.994837674	-0.290237281	-1.381317321	0.309396186	0.239396186	0.9353546	0.7070614	1.3744588	1.0738401	0.0973922
5925000000	3.036872899	-0.942477796	-0.486291322	-0.260175169	1.20885276	0.385624751	0.8940687	0.9418516	1.3209466	1.0928546	0.263005
5925000000	3.036872899	-0.890117919	-0.399166988	0.731024708	1.154097078	0.358780391	0.9121858	1.1833207	1.3043967	1.0861206	0.4980158
5925000000	3.036872899	-0.837758041	-0.130790311	0.885358759	0.910290603	0.098380511	0.9703334	1.2261828	1.2331873	1.0229115	0.4654983
5925000000	3.036872899	-0.785398163	-0.036761475	0.388318012	0.257245199	-0.477707783	0.9915711	1.0261282	1.0610223	0.8958375	0.0543241
5925000000	3.036872899	-0.733038286	-0.255633974	-0.200264721	-0.649696263	-1.123551607	0.942837	0.9549344	0.861054	0.772049	-0.5417774
5925000000	3.036872899	-0.680678408	-0.623860435	-0.541998725	-1.336817983	-1.302350052	0.8661916	0.8826736	0.7350522	0.7409092	-0.9355362
5925000000	3.036872899	-0.628318531	-0.991433519	-0.916806298	-1.550052194	-1.007792181	0.7958966	0.8096911	0.6998336	0.7929043	-1.1093293
5925000000	3.036872899	-0.575988653	-1.549474608	-1.553946906	-1.61921553	-0.90088896	0.6999267	0.6992063	0.6887767	0.8126642	-1.3957607
5925000000	3.036872899	-0.523598776	-2.628509789	-2.107728384	-1.985597541	-1.344139983	0.5459452	0.6154987	0.6330533	0.733814	-0.9927561
5925000000	3.036872899	-0.471238898	-4.316764029	-2.232458633	-2.722857702	-2.038167882	0.3701038	0.5980729	0.5342127	0.6254365	-0.7412389
5925000000	3.036872899	-0.41887902	-6.401199918	-2.358015942	-3.58017321	-2.431126108	0.2290235	0.5810298	0.438527	0.5713305	-0.4200991
5925000000	3.036872899	-0.366519143	-8.713352173	-3.056357203	-4.393314479	-2.605151102	0.1344822	0.4947255	0.3663674	0.5488895	-0.1405039
5925000000	3.036872899	-0.31415926									

5925000000	3.036872899	2.094395102	-7.21403198	-5.23879831	-12.79857379	-4.63292545	0.1899314	0.2993093	0.052498	0.3441181	-6.5469651
5925000000	3.036872899	2.14675498	-9.967397965	-6.050560912	-10.94463023	-5.117029323	0.1007535	0.2482812	0.080452	0.3078202	-7.3441167
5925000000	3.036872899	2.199114858	-13.20836323	-7.418053014	-10.55033186	-6.073964362	0.0477709	0.1812152	0.0880982	0.2469469	-8.5075686
5925000000	3.036872899	2.251474735	-13.58751827	-9.535829639	-11.21187421	-8.624507597	0.0437772	0.111128	0.0756514	0.1372617	-10.362473
5925000000	3.036872899	2.303834613	-10.9042225	-10.54383404	-13.09742137	-13.77066801	0.0812041	0.0882301	0.049007	0.0419694	-11.864014
5925000000	3.036872899	2.35619449	-9.547969178	-9.233285593	-17.14834843	-13.38236386	0.1109694	0.1193085	0.0192826	0.0458948	-11.315683
5925000000	3.036872899	2.408554368	-10.21566114	-8.096962759	-22.19703517	-9.09981084	0.0951555	0.15459	0.0060297	0.1230322	-10.231831
5925000000	3.036872899	2.460914245	-12.219436	-7.704823063	-17.00592843	-8.059200462	0.0599869	0.1696359	0.0199254	0.1563435	-9.936498
5925000000	3.036872899	2.513274123	-12.52672163	-7.128791333	-13.1783705	-10.06227173	0.0558892	0.1936961	0.048102	0.098576	-10.040758
5925000000	3.036872899	2.565634	-10.44931072	-6.244089697	-11.87186123	-15.56998897	0.0901714	0.2374603	0.0649851	0.0277333	-9.7844882
5925000000	3.036872899	2.617993878	-8.762075036	-6.096570792	-12.50031318	-16.7540767	0.1329819	0.2456648	0.0562301	0.0211151	-9.4310294
5925000000	3.036872899	2.670353756	-8.071348352	-7.399374233	-15.03224742	-12.64477507	0.1559068	0.1819963	0.0313888	0.0543904	-9.750195
5925000000	3.036872899	2.722713633	-8.209852558	-9.65517879	-18.6931368	-11.53876704	0.1510131	0.1082635	0.013511	0.0701654	-10.668253
5925000000	3.036872899	2.775073511	-8.869707349	-9.770204507	-19.15229149	-11.9151249	0.1297267	0.1054337	0.0121554	0.064341	-11.083834
5925000000	3.036872899	2.827433388	-10.15938841	-8.225449854	-17.8118393	-12.49168579	0.0963965	0.1504718	0.0165532	0.0563419	-10.972313
5925000000	3.036872899	2.879793266	-13.00597565	-8.013678543	-17.10022848	-13.03332306	0.0500498	0.1579909	0.0194974	0.0497356	-11.591512
5925000000	3.036872899	2.932153143	-18.37022445	-9.449895661	-16.42011536	-16.87913339	0.0145538	0.1135038	0.0228028	0.0408516	-13.194106
5925000000	3.036872899	2.984513021	-20.48724767	-11.53105522	-16.41867699	-16.06845239	0.0089387	0.0702902	0.0228104	0.0247261	-14.990596
5925000000	3.036872899	3.036872899	3.036872899	18.45447116	-13.13981903	-17.75793846	0.0142742	0.0485309	0.0167574	0.0070629	-16.644148
5925000000	3.036872899	3.089232776	-18.51959344	-15.475458831	-20.10168166	-23.3237109	0.0140618	0.0283492	0.0097686	0.0046519	-18.47471
5925000000	3.036872899	3.141592654	-17.25575586	-20.41819981	-22.12442612	-18.28340317	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	3.089232776	-3.141592654	-17.25575632	-20.41820007	-22.12442646	-18.28340312	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
5925000000	3.089232776	-3.089232776	-14.36717284	-20.9576661	-20.88083448	-17.40136298	0.0365833	0.0800211	0.0081643	0.0181913	-17.510468
5925000000	3.089232776	-3.036872899	-12.14458968	-15.36621431	-18.29868198	-16.36878594	0.0610297	0.0290656	0.0147956	0.0203739	-14.949697
5925000000	3.089232776	-2.984513021	-10.11850617	-12.68900361	-16.80613844	-12.13140616	0.0973082	0.0538393	0.0208635	0.0611778	-12.343524
5925000000	3.089232776	-2.932153143	-8.621916566	-12.59750162	-15.9782053	-9.019273265	0.1373436	0.0549857	0.0252411	0.1253351	-10.668856
5925000000	3.089232776	-2.879793266	-8.279398728	-15.29460197	-15.3650042	-7.831922153	0.1486141	0.0295488	0.0290737	0.1674733	-11.315405
5925000000	3.089232776	-2.827433388	-8.406384814	-17.14186643	-15.52294673	-7.547427264	0.1443316	0.0193114	0.0280353	0.1758965	-10.367142
5925000000	3.089232776	-2.775073511	-7.709036414	-13.98610554	-16.61446153	-7.059623547	0.1694714	0.0399383	0.0218049	0.1968057	-9.7055968
5925000000	3.089232776	-2.722713633	-6.875173162	-13.24398226	-17.88399686	-7.12333178	0.2053443	0.0473807	0.016278	0.1939397	-9.3653269
5925000000	3.089232776	-2.670353756	-6.420775913	-13.81625128	-19.07897098	-9.320832468	0.2279935	0.0415312	0.0123631	0.1169275	-10.012881
5925000000	3.089232776	-2.617993878	-5.579297595	-11.32353641	-20.09400515	-14.85116114	0.2767389	0.0737304	0.009785	0.0327253	-10.0769
5925000000	3.089232776	-2.565634	-4.667405699	-8.89743089	-19.99135716	-14.02536676	0.3413968	0.1289012	0.0100199	0.0395789	-8.861428
5925000000	3.089232776	-2.513274123	-4.657423023	-8.274028157	-20.10313906	-9.075378961	0.3421824	0.148798	0.0097653	0.1237263	-8.0654696
5925000000	3.089232776	-2.460914245	-5.567577244	-8.938860813	-19.79923104	-6.87393777	0.2774868	0.1276774	0.0104731	0.2054207	-8.0894041
5925000000	3.089232776	-2.408554368	-6.349626642	-10.43833097	-16.14419875	-6.124245147	0.2317594	0.0903997	0.0242985	0.2041043	-8.7094954
5925000000	3.089232776	-2.35619449	-6.071243688	-12.89081446	-12.84180868	-5.817201859	0.2471016	0.0513947	0.0519779	0.261987	-8.149813
5925000000	3.089232776	-2.303834613	-5.255268465	-16.31790471	-11.60489963	-5.035606131	0.2981763	0.0234358	0.0691052	0.3169457	-7.5431886
5925000000	3.089232776	-2.251474735	-4.520618498	-17.95488736	-12.41084183	-3.785472656	0.3531329	0.0160144	0.0574005	0.4182662	-6.752989
5925000000	3.089232776	-2.199114858	-4.084824217	-15.40829174	-14.07046601	-2.977295248	0.390407	0.0287853	0.03917	0.5038143	-6.180522
5925000000	3.089232776	-2.14675498	-3.996210811	-12.05636723	-13.61253478	-3.172546873	0.3984547	0.0622821	0.0435258	0.4816652	-6.082148
5925000000	3.089232776	-2.094395102	-3.948815651	-8.728893422	-12.3403432	-4.131144563	0.4028269	0.1340018	0.0583399	0.3862652	-6.10199
5925000000	3.089232776	-2.042035225	-3.436833235	-5.80309496	-11.78050653	-4.714318449	0.4532279	0.2628394	0.0663666	0.3377288	-5.5277885
5925000000	3.089232776	-1.989675347	-2.556452403	-3.645501732	-10.44437876	-4.374447876	0.555079	0.4319663	0.0902741	0.3652206	-4.429316
5925000000	3.089232776	-1.93731547	-1.860849439	-2.257723542	-8.083571002	-4.096061754	0.651501	0.5946038	0.1554687	0.3893981	-3.489713
5925000000	3.089232776	-1.884955592	-1.595659298	-1.386929546	-6.114713068	-4.280252339	0.6925228	0.7266195	0.2446407	0.3732285	-2.9306652
5925000000	3.089232776	-1.832595715	-1.609934543	-0.696105615	-4.987785787	-4.167539125	0.6902502	0.8519016	0.3171184	0.3830417	-2.5136396
5925000000	3.089232776	-1.780235837	-1.600737355	0.003605422	-4.57327224	-3.180107835	0.6917135	1.0008305	0.3583169	0.4808274	-1.9864975
5925000000	3.089232776	-1.72787596	-1.423323412	0.610198341	-4.169055224	-2.12396892	0.7205559	1.1508529	0.3829098	0.6132016	-1.4455376
5925000000	3.089232776	-1.675516082	-1.205651688	0.900158824	-4.028127763	-1.754895978	0.757591	1.2303138	0.3955371	0.6675909	-1.1761312
5925000000	3.089232776	-1.623156204	-1.129382385	0.771251402	-4.02697363	-2.060944295	0.7710131	1.1943322	0.3962144	0.622165	-1.2730124
5925000000	3.089232776	-1.570796327	-1.212188947	0.363456662	-3.798174866	-2.483008576	0.7564515	1.0872907	0.4170446	0.5645458	-1.5099042
5925000000	3.089232776	-1.518436449	-1.304052114	0.03310986	-2.918968143	-2.362940699	0.7406189	1.007653	0.5106263	0.5083713	-1.4885338
5925000000	3.089232776	-1.466076572	-1.238430257	-0.011971648	-1.622070196	-1.672041486	0.7518946	0.9972472	0.6883241	0.6804494	-1.0819567
5925000000	3.089232776	-1.413716694	-0.997372277	-0.067258545	-0.92529537	-0.7548093	0.794809	0.9846325	0.8760854	0.8029798	-0.6317138
5925000000	3.089232776	-1.361356817	-0.743845066	-0.569492878	-0.061275571	-0.638003539	0.8425884	0.8771032	0.9859898	0.8648079	-0.4933224
5925000000	3.089232776	-1.30896939	-0.679193024	-1.505285321	0.149717094	-0.756379403	0.8552256	0.7070847	1.0350747	0.8401601	-0.6581157
5925000000	3.089232776	-1.256637061	-0.82320436	-2.032040814	0.506364539	-1.052651407	0.8273315	0.6263195	1.123664	0.7847564	-0.7545307
5925000000	3.089232776	-1.204277184	-0.905862697	-1.434342759	-1.870122793	-1.087954629	0.811734	0.7187299	1.3116328	0.7784031	-0.4329146
5925000000	3.089232776	-1.151917306	-0.63611829	-0.606291403	1.870109521	-0.668868114	0.8637502	0.8697028	1.5381934	0.8572612	0.1377518
5925000000	3.089232776	-1.099557429	-0.141202945	-0.484575517	2.205886276	-0.057061931	0.9680097	0.8944219	1.6618378	0.9894669	0.5223367
5925000000	3.089232776	-1.047197551	0.21280161	-1.040565645	2.095276296	0.38370213	1.0502197	0.7869433	1.6200457	1.0923171	-0.8085555
5925000000	3.089232776	-0.994837674	0.282403933	-1.318419527	1.764262016	0.515460142	1.0671867	0.7381728	1.5011573	1.1260198	0.4459233
5925000000	3.089232776	-0.942447796	0.278019401	-0.636998696	1.514019028	0.417044662	1.0661098	0.8635751	1.4171046	1.1007899	0.4606672
5925000000	3.089232776	-0.890117919	0.47691128	0.145139115	1.385960152	0.210762112	1.1160692	1.0339842	1.375929	1.0497266	0.5839841
5925000000	3.089232776	-0.837758041	0.743419617	0.273494339	1.126121212	0.10687113	1.1867028	1.0649996	1.2946763	0.9572623	0.5327739
5925000000	3.089232776	-0.785398163	0.697807072	-0.136412946	0.4592529169	-0.623180178	1.1743045	0.9690779	1.12009	0.8663273	0.1386899
5925000000	3.089232776	-0.743038286	0.								

5925000000	3.089232776	1.675516082	-1.819484801	-3.614961592	-3.865240449	-1.338823051	0.6577359	0.4350146	0.4106539	0.734713	-2.5217714
5925000000	3.089232776	1.72787596	-1.180441741	-4.451801386	-4.391054675	-1.109115413	0.7620015	0.3587731	0.3638267	0.7746196	-2.4810131
5925000000	3.089232776	1.780235837	-0.589429099	-5.494937121	-4.695246641	-1.205424164	0.8730861	0.282167	0.3392152	0.7576307	-2.4947249
5925000000	3.089232776	1.832595715	-0.265228063	-5.686426241	-4.891721807	-1.39739867	0.9407564	0.263996	0.3242111	0.72487	-2.4798354
5925000000	3.089232776	1.884955592	-0.478510741	-4.879097999	-5.786581007	-1.556867476	0.8956719	0.3251548	0.2638408	0.6987362	-2.6292596
5925000000	3.089232776	1.93731547	-1.31686659	-4.202481276	-8.101283584	-1.771213331	0.7384368	0.3799722	0.1548359	0.6650873	-2.1463177
5925000000	3.089232776	1.989675347	-2.618046191	-4.216233518	-11.95741227	-2.218689016	0.5472621	0.3787709	0.065176	0.5999722	-4.0034035
5925000000	3.089232776	2.042035225	-4.117834824	-4.821471913	-13.38216439	-2.924334457	0.3874508	0.329498	0.0458969	0.5099957	-4.9728568
5925000000	3.089232776	2.094395102	-5.768508572	-5.643793061	-11.32819999	-3.736271612	0.264941	0.2726595	0.0736512	0.4230316	-5.8742045
5925000000	3.089232776	2.14675498	-7.809793277	-6.504280374	-10.22894505	-4.627599438	0.1655849	0.2236516	0.0948649	0.3445403	-6.8369238
5925000000	3.089232776	2.199114858	-10.20407906	-7.757600026	-10.48566748	-6.108390283	0.0954096	0.1675869	0.0894197	0.2449971	-8.257851
5925000000	3.089232776	2.251474735	-11.39464581	-9.546397473	-11.74271801	-9.418216318	0.072533	0.1110095	0.0669465	0.1143348	-10.399768
5925000000	3.089232776	2.303834613	-10.54542867	-10.32968537	-14.30373624	-16.40453536	0.0881977	0.0926897	0.0371216	0.0228848	-12.202345
5925000000	3.089232776	2.35619449	-10.04013247	-9.167080387	-19.2121813	-12.54808892	0.0990802	0.1211412	0.0117728	0.0556149	-11.432574
5925000000	3.089232776	2.408554368	-11.21751779	-8.226687745	-21.18769046	-7.659388669	0.0755524	0.1504226	0.0076073	0.1714199	-9.946026
5925000000	3.089232776	2.460914245	-14.20194238	-8.235426883	-15.53854873	-6.481750437	0.0380019	0.1501265	0.0279348	0.2248148	-9.5774154
5925000000	3.089232776	2.513274123	-15.98798438	-8.105206748	-12.65837147	-8.105828356	0.0251885	0.1549661	0.0542204	0.0562389	-10.123573
5925000000	3.089232776	2.565634	-13.34584508	-7.095933116	-11.9754751	-12.05104379	0.0462824	0.1951671	0.063453	0.1463575	-13.707851
5925000000	3.089232776	2.617993878	-10.81306808	-6.535883496	-13.0440647	-12.51942377	0.0829265	0.22203	0.0496128	0.0559832	-8.869136
5925000000	3.089232776	2.670353756	-9.44663796	-7.639682238	-15.71286996	-9.968356387	0.113589	0.1721995	0.0268357	0.1007313	-9.8573635
5925000000	3.089232776	2.722713633	-8.976962518	-10.46243375	-18.28444062	-9.710399847	0.1265621	0.0898994	0.0148442	0.1068956	-10.728847
5925000000	3.089232776	2.775073511	-9.160359596	-10.98905383	-17.53596487	-11.26325199	0.1213288	0.0796333	0.0176361	0.0747609	-11.346603
5925000000	3.089232776	2.827433388	-10.28695616	-8.522115041	-16.58821794	-12.67399694	0.0936062	0.1405363	0.021937	0.0530257	-11.10551
5925000000	3.089232776	2.879793266	-13.34928566	-7.732470864	-16.64047542	-12.83769675	0.0462457	0.1685594	0.0216747	0.0520272	-11.419037
5925000000	3.089232776	2.932153143	-19.3568781	-9.00128058	-16.54926543	-13.32377004	0.0115961	0.1258554	0.0221347	0.046519	-12.879711
5925000000	3.089232776	2.984513021	-20.33320565	-13.3218327	-16.64086503	-15.70090388	0.0092615	0.0737593	0.0216727	0.0269097	-14.727935
5925000000	3.089232776	3.036872899	-18.06895695	-11.71764219	-17.89935148	-21.94007192	0.0155993	0.0481766	0.0162205	0.0063972	-16.655784
5925000000	3.089232776	3.089232776	-18.51287591	-15.43712072	-20.1987043	-23.62354044	0.0140836	0.0285949	0.0095528	0.0043416	-18.49527
5925000000	3.089232776	3.141592654	-17.25575632	-20.41820007	-22.12442645	-18.28340312	0.0188115	0.009082	0.0061314	0.0148477	-19.129946
6525000000	0	-3.141592654	-17.03598008	-21.74376246	-21.05199212	-19.75045108	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0	-3.089232776	-20.37867738	-15.8058887	-21.96215374	-17.64835984	0.009165	0.026267	0.0063646	0.0171856	-18.313375
6525000000	0	-3.036872899	-21.74344645	-11.32672211	-23.50966086	-17.13137951	0.0066935	0.0376673	0.0044569	0.0193851	-15.842555
6525000000	0	-2.984513021	-26.95933376	-9.19886797	-20.82841604	-23.55423578	0.002014	0.1202577	0.0082634	0.0044114	-14.718982
6525000000	0	-2.932153143	-23.20878961	-9.338503244	-20.25359439	-23.16271026	0.0047766	0.1164527	0.0094328	0.0048276	-14.701536
6525000000	0	-2.879793266	-16.67925615	-10.6172223	-18.95089867	-16.35922755	0.021482	0.0867517	0.0127324	0.0231248	-14.434238
6525000000	0	-2.827433388	-13.24758217	-9.989858239	-16.35091317	-14.70507841	0.0473415	0.1002338	0.0231691	0.0338448	-12.911741
6525000000	0	-2.775073511	-10.05340158	-8.553985051	-15.80099143	-12.60838467	0.0987779	0.1395088	0.0262967	0.0548481	-10.976823
6525000000	0	-2.722713633	-7.753140579	-8.177119721	-16.99700645	-9.391166992	0.167759	0.1521556	0.0199664	0.1150491	-9.4411525
6525000000	0	-2.670353756	-7.121707021	-7.804881921	-16.64301992	-7.958800688	0.1940123	0.1657722	0.021662	0.16	-8.6850443
6525000000	0	-2.617993878	-7.883060158	-6.879438479	-15.33274775	-8.828579106	0.1628148	0.2051427	0.0292904	0.130961	-8.7925410
6525000000	0	-2.565634	-8.820840505	-6.626298435	-15.06172145	-10.1163767	0.1311957	0.2174554	0.0311765	0.0973559	-9.2337456
6525000000	0	-2.513274123	-9.149135263	-7.674435229	-15.56167585	-8.3560926	0.1216428	0.170827	0.0277864	0.1460127	-9.334235
6525000000	0	-2.460914245	-9.583033101	-9.450590965	-17.81096006	-6.707467119	0.110077	0.1134856	0.016554	0.2134289	-9.45439
6525000000	0	-2.408554368	-9.91841931	-9.880161825	-19.96962119	-7.489733714	0.1018962	0.1027978	0.0100702	0.1782488	-10.076531
6525000000	0	-2.35619449	-9.575165199	-8.37500743	-14.25316721	-11.61350947	0.1102766	0.1454286	0.0375563	0.0689682	-10.430758
6525000000	0	-2.303834613	-9.374358158	-6.820717364	-10.02029289	-15.76037829	0.1154953	0.2079953	0.0995338	0.0265437	-9.4932241
6525000000	0	-2.251474735	-9.413103272	-6.121803404	-7.955421988	-9.969043973	0.1144695	0.2442416	0.1601245	0.1007153	-8.0998298
6525000000	0	-2.199114858	-8.545993033	-6.574083506	-7.43980587	-6.663433757	0.1397657	0.2208056	0.1803908	0.2156039	-7.2367317
6525000000	0	-2.14675498	-6.987270345	-8.269377796	-8.037364287	-5.561696562	0.2001119	0.1489574	0.1571316	0.2778628	-7.0770862
6525000000	0	-2.094395102	-5.623569965	-9.817220126	-8.799808765	-5.714231393	0.2739321	0.1042985	0.1318315	0.2682727	-7.1089341
6525000000	0	-2.042035225	-4.403033345	-8.102507989	-8.49594689	-5.843639542	0.3628246	0.1547922	0.1413856	0.260397	-6.8855574
6525000000	0	-1.989675347	-3.216448135	-5.657078553	-7.348071585	-4.737588911	0.4768208	0.2718267	0.184159	0.3359241	-4.986906
6525000000	0	-1.93731547	-2.326029678	-4.560956985	-6.148754169	-3.095467953	0.5853249	0.3498681	0.2427306	0.4902902	-3.7980827
6525000000	0	-1.884955592	-2.008296972	-4.662251882	-5.11650235	-1.94583016	0.6297531	0.3141822	0.3078575	0.6388766	-3.1914587
6525000000	0	-1.832595715	-2.380923518	-5.018070641	-4.199262226	-1.473141135	0.5779731	0.3419077	0.380254	0.7123376	-2.7451547
6525000000	0	-1.780235837	-3.335456562	-4.466266104	-3.259609629	-1.470142359	0.463932	0.3575801	0.4721055	0.7227461	-2.9749111
6525000000	0	-1.72787596	-4.553021639	-3.265881344	-2.214724362	-1.40039509	0.3505079	0.4714242	0.6005201	0.7128465	-2.7459134
6525000000	0	-1.675516082	-5.726925033	-2.457089713	-1.320488487	-1.675078896	0.26749	0.5679251	0.3738212	0.6799377	-2.4925833
6525000000	0	-1.623156204	-6.443347509	-2.331771731	-0.887703363	-2.231069487	0.2268116	0.5845516	0.8151352	0.5982642	-2.5477631
6525000000	0	-1.570796327	-5.85395418	-2.454045334	-1.75138521	-2.928093935	0.2597793	0.5683233	0.8411268	0.5095545	-2.6384583
6525000000	0	-1.518436449	-3.848753612	-2.209043643	-0.292477461	-2.787104546	0.4122158	0.6013061	0.9348722	0.5263681	-2.0852651
6525000000	0	-1.466076572	-1.530350468	-1.578270892	0.746032134	-1.611837556	0.7030156	0.6953011	1.1874169	0.6899476	-1.8675834
6525000000	0	-1.413716694	0.264896702	-1.087810559	1.724374391	-0.54793243	1.0628933	0.7784289	1.4874331	0.8814684	-0.2224518
6525000000	0	-1.361356817	1.309301783	-1.093454913	0.20948216	-0.16819479	1.3518552	0.7774179	1.5956889	0.9620121	-0.6883255
6525000000	0	-1.308966971	1.716662318	-1.456073185	1.748918125	-0.111586865	1.4847941	0.7151427	1.495863	0.9746335	0.6729717
6525000000	0	-1.2595637061	1.742630863	-1.680543898	1.570358086	0.364522345	1.493699	0.7919186	1.4356078	1.0875575	0.6966523
6525000000	0	-1.204277184	1.5738416	-1.434826233	1.944364948	1.147943201	1.4367598	0.7186499	1.5647195	1.3025498	0.9887543
6525000000	0	-1.1519717306	1.143275963	-0.962534484	2.344121383	1.324734607	1.3011507	0.8012104	1.7155846	1.3566676	1.1181791
6525000000	0	-1.095574229	0.222590898	-0.7869558	2.053738427	0.275853133	1.0525896	0.8342658	1.6046261	1.0655782	0.5662472
6525000000	0	-1.047197551	-1.06612448	-1.132624144	1.000379583						

6525000000	0	1.256637061	1.56314588	-0.51079564	1.151039212	1.436165741	1.4332257	0.8890382	1.3034786	1.3919274	0.984421
6525000000	0	1.308996939	1.785945711	0.109556461	1.705191443	1.565550187	1.5086711	1.0255472	1.4808775	1.4340194	1.34266
6525000000	0	1.361356817	1.539110408	0.686557086	2.209328552	1.455086534	1.4253156	1.1712665	1.6631555	1.3980048	1.5058317
6525000000	0	1.413716694	0.850839763	0.718656478	1.887830462	0.833055439	1.2164212	1.1799556	1.5444827	1.2114501	1.0994196
6525000000	0	1.466076572	0.223907416	0.493198336	0.578728062	-0.089745804	1.0529088	1.1202626	1.1906466	0.9795473	0.357663
6525000000	0	1.518436449	0.090911383	0.505673994	-0.375042215	0.758939586	1.0211538	1.1234853	0.917267	0.839665	-0.1082047
6525000000	0	1.570796327	0.234964714	0.70809104	-0.745882974	0.836205702	1.0555929	1.1770882	0.8421931	0.8428585	-0.1102515
6525000000	0	1.623156204	0.144447144	0.711547474	-0.790153533	-0.685639959	1.0338195	1.1780257	0.8336517	0.853957	-0.1105621
6525000000	0	1.675516082	-0.379939808	0.417733	-1.374455893	-1.011920393	0.9162332	1.1009645	0.7287095	0.792151	-0.5329593
6525000000	0	1.72787596	-1.122993918	0.134726115	-2.650196721	-0.209831326	0.7721481	1.031508	0.5432257	0.6266832	-1.287912
6525000000	0	1.780235837	-1.698017551	0.064347661	-3.982748357	-2.994916384	0.6763917	1.0149269	0.3996917	0.5017742	-1.8829356
6525000000	0	1.832595715	-1.901881582	-0.067282482	-4.799698281	-2.866955795	0.6453746	0.984627	0.3311541	0.5167785	-2.0797022
6525000000	0	1.884955592	-1.891685797	-0.542970199	-5.112470053	-2.215052316	0.6468915	0.8824762	0.3081435	0.6004748	-2.150288
6525000000	0	1.93731547	-1.984183113	-1.372076146	-5.049639376	-2.164078587	0.6332595	0.7291089	0.3126339	0.6075642	-2.4363657
6525000000	0	1.989675347	-2.297710738	-2.50561655	-5.087476448	-2.912573394	0.5891541	0.5616145	0.309922	0.5113787	-3.071378
6525000000	0	2.042035225	-2.581882614	-4.091529715	-5.96755118	-3.81582469	0.5518382	0.3898047	0.2530725	0.4153532	-3.9521565
6525000000	0	2.094395102	-2.501622479	-6.368696321	-7.714727036	-4.275840353	0.5621313	0.230744	0.1692495	0.3736087	-4.7634048
6525000000	0	2.13274425	-2.191429464	-9.284136689	-9.050187246	-4.433493408	0.6037499	0.1171971	0.1244461	0.3602887	-5.2056709
6525000000	0	2.199114858	-2.072959906	-12.44686659	-9.792940054	-4.198683619	0.620446	0.0569264	0.1048832	0.3803407	-5.3664452
6525000000	0	2.251474735	-2.363052387	-15.188156	-11.51741215	-3.551830213	0.5803564	0.0602882	0.0705113	0.4413844	-5.5186046
6525000000	0	2.303834613	-2.980159087	-15.04255878	-13.82442396	-3.229169771	0.5034822	0.0313144	0.0414532	0.4754261	-5.801781
6525000000	0	2.35619449	-3.529124712	-13.03843831	-13.73327981	-3.725783858	0.4436981	0.0496771	0.0423323	0.4240545	-6.1998648
6525000000	0	2.408554368	-3.74959074	-12.22060721	-13.02433829	-4.969561187	0.4217362	0.0599707	0.0498386	0.3184519	-6.8326123
6525000000	0	2.460914245	-4.198041915	-12.30119952	-13.44511409	-6.589929746	0.3803608	0.0588681	0.0452362	0.219284	-7.5464209
6525000000	0	2.513274123	-5.466595449	-12.49254505	-14.56191229	-7.421445059	0.2840145	0.0563307	0.0349791	0.1810737	-8.5664737
6525000000	0	2.565634	-6.814696542	-14.97246528	-16.14199057	-6.840121235	0.2082238	0.0318239	0.0243109	0.2070084	-9.2870087
6525000000	0	2.617993878	-6.600826702	-22.08968498	-14.73885324	-7.131794915	0.2187345	0.0601806	0.0335826	0.1935622	-9.4686397
6525000000	0	2.670353756	-5.919373939	-13.08064938	-12.15095543	-10.06886668	0.2558955	0.0491966	0.0609403	0.0984268	-9.3511247
6525000000	0	2.722713633	-6.074649053	-9.414291	-11.99461236	-12.65837633	0.246908	0.1144382	0.0631741	0.0542204	-9.2195978
6525000000	0	2.775073511	-6.785070741	-10.27372423	-14.50377545	-9.697211929	0.2096491	0.0938918	0.0354505	0.1012207	-9.5251866
6525000000	0	2.827143388	-7.221024108	-15.86564299	-19.14005123	-8.506284981	0.1896259	0.0259081	0.0121898	0.1470295	-10.353006
6525000000	0	2.879793266	-7.139498622	-21.9641558	-19.70223775	-8.589822616	0.1932191	0.0063619	0.0107097	0.1383469	-10.596666
6525000000	0	2.923153143	-7.541995096	-16.54131978	-15.50081488	-8.433027386	0.1761167	0.0221752	0.0281785	0.1434889	-10.393529
6525000000	0	2.984513021	-9.426700231	-16.32601997	-13.96272878	-9.105110827	0.1141116	0.0233023	0.0401538	0.1228822	-11.242879
6525000000	0	3.036872899	-12.35285194	-19.39105808	-15.88364557	-11.34055272	0.0581721	0.0115051	0.0258009	0.073442	-13.074384
6525000000	0	3.089232776	-14.50262134	-23.38673434	-20.52862625	-15.16375192	0.0354599	0.0045881	0.0088547	0.0304526	-17.4247878
6525000000	0	3.141592654	-17.03598008	-21.74376246	-21.05199212	-19.75045108	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.052359878	3.141592654	-17.03598016	-21.74376234	-21.05199196	-19.75045108	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.052359878	3.089232776	-20.17561355	-15.49920994	-21.97588876	-17.66568009	0.0096037	0.028189	0.0063447	0.0171172	-18.49218
6525000000	0.052359878	3.036872899	-21.01826751	-11.10457083	-23.35119332	-17.30680776	0.0079099	0.0775431	0.0046225	0.0118597	-15.659613
6525000000	0.052359878	2.984513021	-26.20631666	-9.209507205	-20.52595962	-22.45759069	0.0023953	0.1199635	0.008852	0.0039286	-14.7121777
6525000000	0.052359878	2.932153143	-24.28380634	-9.626584179	-19.85446273	-24.2774437	0.0037292	0.1089787	0.0103408	0.0059597	-19.414419
6525000000	0.052359878	2.879793266	-15.76227114	-10.89304428	-18.10748942	-16.15758002	0.0265322	0.0841133	0.0154615	0.0241236	-14.331779
6525000000	0.052359878	2.827143388	-11.90644885	-9.910079512	-15.24951345	-15.95996296	0.0644696	0.1020921	0.0298572	0.0523155	-12.651565
6525000000	0.052359878	2.775073511	-9.681781319	-8.591065005	-14.55282117	-15.84761164	0.1076024	0.1383227	0.0350524	0.0260159	-11.14931
6525000000	0.052359878	2.722713633	-8.675824327	-8.319560779	-15.78416764	-16.75062361	0.1356493	0.1472461	0.0263987	0.0662848	-10.267347
6525000000	0.052359878	2.670353756	-9.201027391	-7.644570835	-16.19101977	-9.639531929	0.120198	0.1720057	0.024038	0.1086543	-9.7377736
6525000000	0.052359878	2.617993878	-11.10667802	-6.524388063	-15.29528869	-10.13615406	0.0775054	0.2226185	0.0295441	0.0969136	-9.7205785
6525000000	0.052359878	2.565634	-11.91201696	-6.394092481	-15.05018445	-10.75185532	0.064387	0.2293986	0.0312607	0.0841036	-9.901776
6525000000	0.052359878	2.513274123	-10.40134876	-7.722589256	-15.43931446	-8.675267296	0.0911728	0.1689433	0.0285804	0.1356667	-9.7432225
6525000000	0.052359878	2.460914245	-9.444412512	-9.902178883	-17.15227315	-7.107825271	0.1136472	0.1022778	0.0192652	0.0916334	-9.6872591
6525000000	0.052359878	2.408554368	-9.498519218	-10.46592631	-20.47067863	-7.810200157	0.1122401	0.0898271	0.0089729	0.1655594	-10.261688
6525000000	0.052359878	2.35619449	-10.04264052	-8.715192733	-17.00948388	-11.25692327	0.099023	0.1344252	0.0199091	0.07487	-10.585854
6525000000	0.052359878	2.303834613	-10.59707856	-7.120175718	-11.96359922	-14.60864386	0.087155	0.1948007	0.0636268	0.0346047	-10.228857
6525000000	0.052359878	2.251474735	-9.750587152	-6.51569649	-9.125505978	-10.37534154	0.1059111	0.2230644	0.1223065	0.0917204	-8.6725829
6525000000	0.052359878	2.199114858	-7.377865411	-6.970743781	-8.030918416	-7.159771909	0.1828999	0.2008749	0.157365	0.1923193	-7.3668412
6525000000	0.052359878	2.14675498	-5.457152567	-8.474350789	-8.290505055	-6.083733493	0.2846327	0.1420905	0.1482346	0.246392	-6.8753188
6525000000	0.052359878	2.094395102	-4.645652435	-10.10190775	-8.998094447	-6.399453075	0.3431111	0.0976808	0.1259503	0.2291156	-7.0122453
6525000000	0.052359878	2.042035225	-4.483758354	-9.051665284	-8.767526501	-6.446697388	0.3561428	0.1244037	0.1328151	0.2266367	-7.7787187
6525000000	0.052359878	1.989675347	-4.186345351	-6.701425226	-7.749290774	-4.854850981	0.3813866	0.2137261	0.1679078	0.3269753	-5.6463518
6525000000	0.052359878	1.93731547	-3.58932562	-5.470142162	-6.757324357	-2.931717248	0.43759	0.2837826	0.2109928	0.5091295	-4.4324687
6525000000	0.052359878	1.884955592	-3.242742469	-5.403262839	-5.656436982	-1.656434691	0.4739426	0.2881866	0.2623878	0.6828991	-3.6927064
6525000000	0.052359878	1.832595715	-3.585169134	-5.538188051	-4.704486193	-0.998050614	0.4380091	0.2793709	0.3384943	0.7946849	-3.3475702
6525000000	0.052359878	1.780235837	-4.512922165	-4.779822637	-6.051036167	-0.651036167	0.3537592	0.326731	0.4536719	0.8607884	-3.007362
6525000000	0.052359878	1.72787596	-5.491118112	-3.470631709	-2.208885803	-0.44177237	0.2824153	0.4497144	0.601328	0.9032808	-2.5244478
6525000000	0.052359878	1.675516082	-6.260627454	-2.598792561	-1.363482318	-0.456979096	0.2365578	0.5949397	0.7304017	0.9001235	-1.8828348
6525000000	0.052359878	1.623156204	-6.768169485	-2.422353436	-1.039306199	-0.808530512	0.2104665	0.57224857	0.7871715	0.8301136	-2.2180254
6525000000	0.052359878	1.570796327	-6.137413528	-2.500498245	-1.279742888	-0.5622768	0.2433653	0.5622768	0.8104036	0.7447761	-2.289968
6525000000	0.052359878	1.518436449	-3.904666679	-2.219439143	-0.360081763	-1.295116923	0.4069428	0.5998685	0.9204322	0.7421442	-1.7564833
6525000000	0.052359878	1.466									

6525000000	0.052359878	0.837758041	-3.65332608	-0.311027181	0.189112395	-0.951070827	0.4311887	0.9308877	1.0445067	0.803328	-0.9556698
6525000000	0.052359878	0.890117919	-1.948235559	0.01061206	-0.206129986	-1.226723765	0.6385229	1.0024465	0.9536456	0.7539241	-0.7720463
6525000000	0.052359878	0.942477796	-0.239175852	-0.486170303	-0.462504326	-0.594114664	0.9464167	0.8490936	0.898979	0.8721447	-0.4435626
6525000000	0.052359878	0.994837674	1.198094764	-0.800809083	0.254940793	0.823021158	1.3176786	0.8316088	1.0604595	1.2086543	0.4320516
6525000000	0.052359878	0.1047197551	2.015751098	0.161714224	1.509112629	1.919789505	1.5906518	1.037938	1.4155045	1.5585802	1.4612684
6525000000	0.052359878	1.099557429	2.095753997	1.299231772	2.238482459	2.173417718	1.6202253	1.3487243	1.6743577	1.6494599	1.9678167
6525000000	0.052359878	1.151917306	1.753546131	1.644806987	2.027417446	1.784712886	1.4974579	1.4604298	1.5931151	1.5082429	1.8035857
6525000000	0.052359878	1.204277184	1.605703943	1.408393276	1.328019525	1.36917776	1.4473394	1.3830546	1.3576942	1.3706222	1.4291406
6525000000	0.052359878	1.256637061	1.915400642	1.30781858	1.13466406	1.345594744	1.5543187	1.3513936	1.2985731	1.3631997	1.4359907
6525000000	0.052359878	1.98969639	2.229402859	1.571844444	1.704464752	1.486082129	1.6708609	1.4360992	1.4806298	1.4408018	1.7573232
6525000000	0.052359878	1.361356817	2.033435659	1.651184973	2.159030355	1.298532659	1.5971421	1.4625762	1.6440046	1.3485072	1.7985544
6525000000	0.052359878	1.413716694	1.349062476	1.174892492	1.755717935	0.547499324	1.3642886	1.3106576	1.4982069	1.1343575	1.2283088
6525000000	0.052359878	1.466076572	0.763106718	0.429680576	0.60450468	-0.511040106	1.1920945	1.1039974	1.1493452	0.8889882	0.3487152
6525000000	0.052359878	1.518436449	0.814921134	-0.017823364	-0.404566084	-1.275474701	1.2064022	0.9959044	0.9110525	0.7455084	-0.1560031
6525000000	0.052359878	1.570796327	1.229599074	-0.151143922	-0.619773818	-1.385918764	1.3272719	0.9657965	0.867007	0.7267886	-0.1246064
6525000000	0.052359878	1.623156204	1.271245788	-0.378407664	-0.646269698	-1.254444413	1.340061	0.9165565	0.8617336	0.7491272	-0.146321
6525000000	0.052359878	1.675516082	0.536367197	-0.763510002	-0.371771404	-1.618222178	1.1314535	0.8387818	0.7382927	0.6889343	-0.7090534
6525000000	0.052359878	1.72787596	-0.757834337	-0.909548119	-2.657349072	-2.602685698	0.8398787	0.8110454	0.5423318	0.5492011	-1.6392015
6525000000	0.052359878	1.78023587	-1.812758696	-0.695598745	-3.978442931	-3.305874887	0.6587553	0.852001	0.4000882	0.4671028	-2.2585775
6525000000	0.052359878	1.832595715	-2.015665083	-0.584395905	-4.893777918	-2.850934776	0.6286856	0.8470986	0.3240575	0.5186884	-2.3181899
6525000000	0.052359878	1.884955592	-1.877800493	-0.899046093	-5.452201132	-2.075461959	0.648963	0.8130091	0.2849574	0.6200887	-2.2785841
6525000000	0.052359878	1.93731547	-2.175813561	-1.61495542	-5.44056848	-2.017708456	0.6059247	0.6894527	0.2857217	0.6283898	-2.5776818
6525000000	0.052359878	1.989675347	-2.946326612	-2.643449447	-5.189847842	-2.79289224	0.5074197	0.5447003	0.3027019	0.5256671	-3.279347
6525000000	0.052359878	2.042035122	-3.469545621	-3.998692682	-5.688337968	-3.750179161	0.4498269	0.398227	0.2698772	0.4216791	-4.146492
6525000000	0.052359878	2.094395785	-3.343381342	-5.69548762	-7.134864793	-4.225196238	0.4630862	0.2694333	0.1934254	0.3779901	-4.868046
6525000000	0.052359878	2.14675498	-3.142729878	-7.7697779	-8.325771209	-4.328371522	0.4849836	0.1671176	0.1470357	0.369116	-5.3452313
6525000000	0.052359878	2.199114958	-3.215617088	-10.55174189	-8.90900763	-4.2105145938	0.476912	0.0880696	0.1285582	0.37927	-5.7153722
6525000000	0.052359878	2.251474735	-3.252429686	-13.79374121	-10.29431209	-3.887057214	0.4728866	0.0417471	0.0934477	0.4085962	-5.9487675
6525000000	0.052359878	2.303834613	-3.086661107	-14.2755445	-12.33039964	-3.72997264	0.4912854	0.0373633	0.0584736	0.4236456	-5.974085
6525000000	0.052359878	2.35619449	-3.029192093	-12.75119428	-12.59829521	-4.085859283	0.4978297	0.0530738	0.0549575	0.3903139	-6.0371644
6525000000	0.052359878	2.408554368	-3.263055095	-11.70077341	-11.92872776	-5.117706689	0.4717311	0.0675963	0.0641397	0.3077722	-6.4242758
6525000000	0.052359878	2.460914245	-3.909975604	-10.2891685	-12.05466906	-6.880990509	0.4064456	0.0935585	0.0623065	0.2050694	-7.1704952
6525000000	0.052359878	2.513274123	-5.269127319	-9.285848768	-13.16216774	-8.136216774	0.2972263	0.117832	0.0492528	0.1535954	-8.1108283
6525000000	0.052359878	2.565634	-6.941490765	-10.75609015	-15.16376473	-7.560247205	0.2022325	0.0840216	0.0304525	0.1753781	-9.1002013
6525000000	0.052359878	2.617993378	-7.088969191	-15.45391623	-14.78549474	-7.793141608	0.1954803	0.0284845	0.0332239	0.166221	-9.7529919
6525000000	0.052359878	2.670353756	-6.266891956	-12.82878549	-12.09468412	-10.69099598	0.2362168	0.052134	0.061735	0.0852904	-9.6319578
6525000000	0.052359878	2.722713633	-6.27479789	-9.811441022	-11.59212474	-10.29009854	0.2357872	0.1044374	0.0693087	0.0510493	-9.387525
6525000000	0.052359878	2.775073511	-7.043882571	-11.22652426	-13.65252435	-12.16557961	0.1975203	0.0753959	0.0431265	0.0951359	-8.802951
6525000000	0.052359878	2.827433388	-7.536901704	-18.44558824	-17.83998236	-9.034376982	0.1763234	0.0143035	0.0164438	0.1249	-10.809604
6525000000	0.052359878	2.879793266	-7.332134254	-21.42754527	-20.215945	-8.648485688	0.184836	0.0071986	0.0095149	0.1365059	-10.730772
6525000000	0.052359878	2.932153143	-7.609120609	-15.77283921	-16.4182289	-8.237535909	0.1734155	0.0264677	0.0228127	0.1500536	-10.306429
6525000000	0.052359878	2.984513021	-9.463121173	-15.89998066	-14.51694759	-9.00606568	0.1131587	0.0257041	0.0353431	0.1257168	-11.250546
6525000000	0.052359878	3.036872899	-12.43172661	-18.94226221	-16.162848	-11.3857438	0.0571251	0.0127577	0.0241944	0.0734075	-13.779083
6525000000	0.052359878	3.089232776	-14.5526627	-23.03568375	-20.56600231	-15.1987578	0.0350537	0.0047909	0.0087781	0.0302882	-17.043736
6525000000	0.052359878	3.141592654	-17.03598016	-21.74376234	-21.05199196	-19.75045108	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.052359878	3.141592654	-17.03598002	-21.74376246	-21.05199153	-19.75045108	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.052359878	3.089232776	-19.97417606	-15.21892127	-21.9872216	-17.67344062	0.0100596	0.0300682	0.0063282	0.0170866	-17.989947
6525000000	0.052359878	3.036872899	-20.22391989	-10.92747687	-23.18976244	-17.35042189	0.0094975	0.0087704	0.0047976	0.0184059	-15.471735
6525000000	0.052359878	2.984513021	-23.55176426	-9.261428355	-20.24263796	-23.26339709	0.0044139	0.1185379	0.0094666	0.0047169	-14.749432
6525000000	0.052359878	2.932153143	-23.07054416	-9.88340269	-19.61384442	-16.44729181	0.0049311	0.1027211	0.0109299	0.0071659	-15.025588
6525000000	0.052359878	2.879793266	-17.77093266	-10.95919834	-17.77093266	-11.25713431	0.0308797	0.0801826	0.0167082	0.0237064	-14.2171316
6525000000	0.052359878	2.827433388	-11.23885023	-9.751779341	-14.64273992	-16.61004418	0.0751822	0.105882	0.0343341	0.0218271	-12.268988
6525000000	0.052359878	2.775073511	-9.788326706	-8.642290745	-13.61881663	-18.004429	0.1049947	0.1367008	0.0434629	0.0158328	-11.350404
6525000000	0.052359878	2.722713633	-10.31319145	-8.349704971	-14.43439092	-13.84792671	0.0930424	0.1462277	0.0360214	0.0412294	-11.099472
6525000000	0.052359878	2.703537561	-12.92377841	-7.33686189	-15.06412568	-11.80839391	0.0510061	0.1846426	0.0311593	0.0659418	-10.765635
6525000000	0.052359878	2.617993878	-17.12220827	-6.188617675	-14.77524992	-12.79809018	0.019399	0.2405128	0.0333024	0.0525308	-10.63343
6525000000	0.052359878	2.565634	-15.35627849	-6.238569694	-14.71478009	-13.09981635	0.0291321	0.2377623	0.0337693	0.040898	-10.584338
6525000000	0.052359878	2.513274123	-11.34219287	-7.766462816	-14.93604712	-10.03347121	0.0734143	0.1672452	0.0321025	0.0992323	-10.315237
6525000000	0.052359878	2.460914245	-9.458006307	-10.27762016	-15.86671292	-8.250861229	0.113292	0.0398166	0.0259017	0.1495939	-10.193102
6525000000	0.052359878	2.408554368	-9.352122937	-11.17141756	-18.10366803	-8.881102479	0.1160881	0.0763587	0.0154751	0.1293867	-10.740326
6525000000	0.052359878	2.35619449	-10.92412635	-9.211408329	-13.2196988	-12.07824887	0.0808328	0.119911	0.0150246	0.0619691	-11.584255
6525000000	0.052359878	2.303834613	-13.27322797	-7.467725323	-13.87189279	-14.84839411	0.0470627	0.1791544	0.0410025	0.0327462	-11.249882
6525000000	0.052359878	2.251474735	-11.23606531	-6.841328511	-10.39041924	-10.55174162	0.0752304	0.2069508	0.0914025	0.0808096	-9.3774405
6525000000	0.052359878	2.199114958	-7.206443438	-8.726004438	-7.211435694	-7.211435694	0.1858633	0.1902636	0.134091	0.190045	-7.5679887
6525000000	0.052359878	2.14675498	-4.896151625	-8.49727118	-8.638192348	-6.088114581	0.3238805	0.1413425	0.1368298	0.2461349	-6.7565352
6525000000	0.052359878	2.094395102	-10.22690644	-9.23044417	-6.48478336	-6.48478336	0.4042542	0.0949094	0.1193866	0.2246579	-6.7612535
6525000000	0.052359878	2.042035225	-3.938527839	-9.740077739	-9.00934225	-6.36632113	0.4037822	0.1061677	0.1256049	0.216399	-6.7136875
6525000000	0.052359878	1.989675347	-4								

6525000000	0.104719755	0.41887902	-4.721951067	-2.476619976	-4.59868654	-4.480407224	0.3371358	0.5653768	0.3468417	0.3564177	-3.9637609
6525000000	0.104719755	0.471238898	-4.742472355	-2.53726157	-2.907668138	-4.532408695	0.3355465	0.5575372	0.5119566	0.3521755	-3.5723487
6525000000	0.104719755	0.523598776	-4.659645317	-2.433671574	-1.341119572	-3.659756379	0.3420074	0.5709957	0.7343245	0.4305508	-2.8443987
6525000000	0.104719755	0.575958653	-4.572276986	-1.899925598	-0.605471237	-2.322985782	0.3489573	0.6456653	0.869867	0.585735	-2.1285403
6525000000	0.104719755	0.628318531	-4.798851491	-1.303407158	-0.691627348	-1.371873101	0.3312187	0.7012893	0.8527805	0.729143	-1.8718017
6525000000	0.104719755	0.680678408	-5.323851757	-1.299654595	-0.874089224	-0.907401505	0.2935045	0.7413692	0.8176945	0.8114464	-1.7652338
6525000000	0.104719755	0.733038286	-5.271719347	-1.658074218	-0.465964044	-0.647115905	0.297049	0.6826413	0.8982632	0.8615657	-1.6438564
6525000000	0.104719755	0.785398163	-3.855254414	-1.150729919	0.219155439	-0.563705222	0.4115992	0.7672325	1.0517573	0.8782729	-1.0945855
6525000000	0.104719755	0.837758041	-2.011700429	0.050587609	0.407972439	-0.82683449	0.6292598	0.7101763	1.0984929	0.8266403	-0.4986535
6525000000	0.104719755	0.89011919	-0.46881241	0.626087978	-0.035420292	-1.105278013	0.8976742	1.1550713	0.9918952	0.7753043	-0.2000287
6525000000	0.104719755	0.942477796	0.837380806	0.330699671	-0.317749495	-0.53348751	1.2126573	1.0791206	0.9294479	0.8844051	0.1131991
6525000000	0.104719755	0.994837674	1.926918914	0.202501833	0.402118712	0.746149454	1.5584465	1.0477319	1.0970132	1.1874489	0.8730576
6525000000	0.104719755	1.047197551	2.506207311	1.170119605	1.6378939	1.664531803	1.7808229	1.309218	1.458107	1.4670779	1.7719194
6525000000	0.104719755	1.099557429	2.370519905	2.254320257	2.311403643	1.721421433	1.7260445	1.6804749	1.7027087	1.4864221	2.1719762
6525000000	0.104719755	1.151917306	1.77037789	2.614188474	2.030779051	1.155531851	1.5032728	1.8256556	1.5961654	1.3048278	1.9242259
6525000000	0.104719755	1.204277184	1.368867508	2.40481177	1.302515742	0.669793666	1.3705243	1.7397273	1.3497445	1.1667542	1.4819762
6525000000	0.104719755	1.256637061	1.549830302	2.171956499	1.110562675	0.714221757	1.4288381	1.6489051	1.2913866	1.1787513	1.4206715
6525000000	0.104719755	1.308996938	1.870690983	2.073386848	1.660086827	0.965616721	1.5383994	1.6119022	1.4655771	1.2489978	1.6619888
6525000000	0.104719755	1.361356817	1.707437847	1.675564969	2.040383163	0.849902988	1.4816437	1.4708097	1.5996992	1.2161588	1.5898871
6525000000	0.104719755	1.413716694	0.987896772	0.628079071	1.537917041	0.132930331	1.2554218	1.155601	1.4249424	1.0310816	0.8520553
6525000000	0.104719755	1.466076572	0.319043406	-0.82564408	0.343081174	-0.868477105	1.0762281	0.8268669	1.0822015	0.8187518	-0.2181397
6525000000	0.104719755	1.518436449	0.417868528	-1.942557745	-0.566640961	-1.485967607	1.1009988	0.6393582	0.8776794	0.7102369	-0.7984101
6525000000	0.104719755	1.570796327	1.114493431	-2.486455108	-0.30927812	-1.399967989	1.2925559	0.5640979	0.8647831	0.7244413	-0.6476006
6525000000	0.104719755	1.623156204	1.534258527	-2.925642665	-0.610710154	-1.146533558	1.4237242	0.5098421	0.8688183	0.7679742	-0.4934812
6525000000	0.104719755	1.675156082	1.100945837	-3.277605933	-1.326047066	-1.451976312	1.2885301	0.4701532	0.7368775	0.7187576	-0.953685
6525000000	0.104719755	1.72787596	-0.123099529	-2.967840669	-2.688211262	-2.334417212	0.9720532	0.5049123	0.5384915	0.5841956	-1.8714467
6525000000	0.104719755	1.780235837	-1.429416477	-2.118723119	-3.95596237	-2.894164462	0.7195457	0.6139425	0.4021645	0.5135521	-2.5003121
6525000000	0.104719755	1.832595715	-1.893696408	-1.538760274	-4.919471473	-2.433312224	0.646592	0.7016556	0.3221461	0.571043	-2.5153352
6525000000	0.104719755	1.884955592	-1.765633444	-1.593292208	-5.736474757	-1.739257127	0.6659424	0.6929003	0.2669024	0.6699992	-2.4113646
6525000000	0.104719755	1.93731547	-2.092183593	-2.206594302	-5.919236153	-1.733915329	0.6177057	0.6016454	0.2559036	0.6708238	-2.7041439
6525000000	0.104719755	1.989675347	-3.143250218	-3.185980443	-5.05767573	-2.567057781	0.4849255	0.4801777	0.2813476	0.5537251	-3.4674506
6525000000	0.104719755	2.042035225	-3.982920224	-4.324930841	-5.689012632	-3.723266193	0.3996759	0.3694085	0.2698353	0.4243003	-3.3675034
6525000000	0.104719755	2.094395102	-3.813766314	-5.484437997	-6.818676014	-4.505952818	0.4155501	0.28285	0.2080331	0.3543274	-5.0142738
6525000000	0.104719755	2.14675498	-3.667172104	-6.980322953	-7.758891612	-4.816602566	0.4298162	0.2004323	0.167537	0.3298677	-5.4988443
6525000000	0.104719755	2.199114858	-4.316408212	-9.533610805	-8.125547277	-4.909186831	0.3701342	0.1113368	0.153974	0.3229099	-6.2053361
6525000000	0.104719755	2.251474735	-4.887090172	-13.04780546	-9.153046621	-4.844598745	0.324557	0.0495701	0.1215333	0.3277481	-6.8644488
6525000000	0.104719755	2.303834613	-4.180999186	-14.45734263	-10.85248853	-4.674251381	0.3818564	0.0358316	0.0821772	0.3400859	-6.7140664
6525000000	0.104719755	2.35619449	-3.256992933	-13.54545544	-11.54905785	-4.684815646	0.47239	0.0442033	0.0699994	0.3400309	-6.3515663
6525000000	0.104719755	2.408554368	-3.083857037	-11.74103842	-11.30464717	-5.463229998	0.4916027	0.0669724	0.0740518	0.2842364	-6.3975618
6525000000	0.104719755	2.460914245	-3.675541562	-8.962388677	-11.34139657	-7.455266787	0.4289887	0.1269875	0.0734278	0.1796691	-6.4072223
6525000000	0.104719755	2.513274123	-4.990716541	-7.421405113	-12.09574159	-9.138091162	0.3169045	0.1810754	0.06172	0.1219525	-7.6849702
6525000000	0.104719755	2.565634	-6.755048951	-8.440893078	-14.26680481	-8.325970514	0.2111033	0.1431893	0.0374386	0.147029	-8.7066444
6525000000	0.104719755	2.617993878	-7.361916205	-11.79541551	-15.1291053	-8.309485164	0.1835728	0.0661391	0.0306965	0.1475759	-9.7063205
6525000000	0.104719755	2.670353756	-6.667629426	-11.49546592	-12.52592853	-10.85100157	0.2153957	0.0708685	0.0558994	0.0822053	-9.743164
6525000000	0.104719755	2.722713633	-6.607873197	-9.809205093	-11.60642455	-12.78713381	0.2183799	0.1044911	0.0690808	0.0526365	-9.5410193
6525000000	0.104719755	2.77507531	-7.442357392	-11.87341102	-13.10993608	-10.73970786	0.1802039	0.0649485	0.048866	0.0843391	-10.241576
6525000000	0.104719755	2.827433388	-8.027726977	-19.97795594	-16.60433715	-9.44712639	0.1574807	0.0100509	0.0218558	0.1135762	-11.206696
6525000000	0.104719755	2.879793266	-7.664007148	-19.32372887	-20.25129522	-8.513577352	0.1712377	0.011685	0.0094378	0.1408128	-10.793899
6525000000	0.104719755	2.932153143	-7.744308378	-15.06322057	-17.53100287	-7.987147717	0.1681006	0.0311658	0.0176563	0.158959	-10.270088
6525000000	0.104719755	2.984513021	-9.523779092	-15.56278006	-15.18220535	-8.91606812	0.1115892	0.0277793	0.0303235	0.1283497	-11.277836
6525000000	0.104719755	3.036872899	-12.52109645	-18.56274795	-16.49526843	-11.35268453	0.0559616	0.0139228	0.022409	0.0732372	-13.831817
6525000000	0.104719755	3.089232776	-14.61141015	-22.67897773	-20.61940017	-15.24552391	0.0345827	0.0053964	0.0086708	0.0298846	-17.069994
6525000000	0.104719755	3.141592654	-17.03598002	-21.74376246	-21.05199153	-19.75045108	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.157079633	-3.141592654	-17.03598015	-21.74376242	-21.05199179	-19.75045102	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.157079633	-3.089232776	-19.77708833	-14.9638219	-21.99666695	-17.67100383	0.0105267	0.0318873	0.0063144	0.0170962	-17.836712
6525000000	0.157079633	-3.036872899	-19.41982087	-10.79050162	-23.03358459	-17.26528217	0.0114293	0.0833585	0.0049733	0.0187703	-15.2829673
6525000000	0.157079633	-2.984513021	-20.99703281	-9.345039026	-19.96708782	-21.77177246	0.0079487	0.1162776	0.0100761	0.0066501	-14.5292878
6525000000	0.157079633	-2.932153143	-21.12625246	-10.08686761	-19.48116826	-20.75861117	0.0077157	0.0980197	0.0112689	0.0083793	-15.03757
6525000000	0.157079633	-2.879793266	-14.90896859	-10.85597113	-17.84689132	-16.57807584	0.0322926	0.0821113	0.0164176	0.0219883	-14.179085
6525000000	0.157079633	-2.827433388	-11.12745678	-9.582738105	-14.44252494	-16.40336723	0.0771355	0.1100845	0.035954	0.0228909	-12.110102
6525000000	0.157079633	-2.775075311	-10.13604058	-8.685652064	-12.97409515	-15.97993769	0.0969161	0.1353427	0.0504186	0.0252352	-11.136326
6525000000	0.157079633	-2.722713633	-12.13011629	-8.242557415	-13.18986796	-13.17061707	0.0612334	0.1498802	0.0479748	0.0481879	-11.145309
6525000000	0.157079633	-2.670353756	-18.46343746	-7.003201328	-13.71105291	-12.53293588	0.0142448	0.1993792	0.0425495	0.0558093	-11.079293
6525000000	0.157079633	-2.617993878	-21.77514196	-5.989030216	-13.96238791	-15.55845653	0.0066449	0.2518239	0.040157	0.020780	-10.872623
6525000000	0.157079633	-2.565634	-15.3531486	-6.206696672	-14.1612317	-18.05298316	0.0291531	0.2395137	0.0383598	0.0156568	-10.932834
6525000000	0.157079633	-2.513274123	-12.08107508	-7.780970825	-14.23545491	-18.05938995	0.0619288	0.1666875	0.037709	0.0526134	-10.983525
6525000000	0.157079633	-2.460914245	-10.07709979	-10.49950091	-14.60788312	-10.22584078	0.0982404	0.0891353	0.0346108	0.0949327	-11.01114
6525000000	0.1570796										

6525000000	0.157079633	-4.44E-16	-10.05033007	-6.832429172	-17.53426526	-8.017968178	0.0988478	0.2073753	0.017643	0.157835	-9.1928234
6525000000	0.157079633	0.052359878	-10.64449794	-5.730762285	-14.2319979	-8.165159999	0.0862085	0.2672537	0.0377399	0.1525752	-8.666389
6525000000	0.157079633	0.104719755	-9.557324969	-4.069002144	-13.17483085	-7.823478782	0.1107306	0.3818319	0.0481412	0.1650639	-7.4728798
6525000000	0.157079633	0.157079633	-8.518231902	-3.124789078	-12.54987175	-7.226125219	0.140662	0.4869912	0.0555921	0.1894033	-6.6122063
6525000000	0.157079633	0.20943951	-8.262105231	-2.926862336	-10.6509183	-6.550379804	0.1492071	0.509699	0.08521	0.2212901	-6.1734908
6525000000	0.157079633	0.261799388	-7.717744113	-2.757964321	-8.394745261	-5.668408499	0.1691319	0.5299118	0.144719	0.2711185	-5.5483141
6525000000	0.157079633	0.314159265	-6.348818192	-2.349681696	-6.836186129	-4.814085338	0.2318025	0.5821459	0.207196	0.3300589	-4.7139328
6525000000	0.157079633	0.366519143	-5.270988087	-2.06742196	-5.808452253	-4.373400532	0.297099	0.6212377	0.2625154	0.3653086	-4.1280535
6525000000	0.157079633	0.41887902	-4.947513204	-2.083157386	-4.536814952	-4.362662735	0.3200727	0.6189909	0.3518184	0.366213	-3.8271259
6525000000	0.157079633	0.471238898	-4.956881375	-2.332944874	-2.788167343	-4.229156199	0.319383	0.5843937	0.5262393	0.3776456	-3.4494287
6525000000	0.157079633	0.523598776	-4.892301693	-2.578918591	-1.230417388	-3.389453455	0.3241678	0.5522149	0.7532832	0.4581995	-2.8235749
6525000000	0.157079633	0.575958653	-4.832411479	-2.39115398	-0.542757108	-2.223058405	0.3286691	0.5766132	0.8825193	0.5993688	-2.2417656
6525000000	0.157079633	0.628318531	-4.957347759	-1.980229656	-0.662598897	-1.373519168	0.3193488	0.6338362	0.8584996	0.7288667	-1.9713203
6525000000	0.157079633	0.680678408	-5.06174374	-2.01989197	-0.818986235	-0.919613999	0.3117638	0.628074	0.8281355	0.8091678	-1.9092181
6525000000	0.157079633	0.733038286	-4.237925709	-2.056597676	-0.334879376	-0.66161624	0.3768838	0.622788	0.9257891	0.8586939	-1.5736662
6525000000	0.157079633	0.785398162	-2.369246714	-0.83407487	0.416982541	-0.632032624	0.5795292	0.8252633	1.1007742	0.8645632	-1.7441335
6525000000	0.157079633	0.837758041	-0.598137671	0.752254028	0.635240168	-0.956392016	0.8713372	1.1891192	1.157508	0.8023443	0.0219942
6525000000	0.157079633	0.890117919	0.641398838	1.378789236	0.9168727	-1.221044766	1.1591507	1.373659	1.0451263	0.7549106	0.3471331
6525000000	0.157079633	0.942477796	1.610372011	1.000145373	-0.115908913	0.0585709696	1.448896	1.2589676	0.973664	0.8738342	0.5646287
6525000000	0.157079633	0.994837674	2.454859854	0.674811826	0.554640964	-0.736203095	1.7598919	1.289031	1.362244	1.1758774	1.1727931
6525000000	0.157079633	1.047197551	2.86392876	1.432851116	1.730469915	1.600012679	1.9337168	1.3908654	1.4895222	1.445444	1.9448302
6525000000	0.157079633	1.099557429	2.521130755	2.438023677	2.344925955	1.641712606	1.7869528	1.7530826	1.7159025	1.4593896	2.250072
6525000000	0.157079633	1.151917306	1.591110796	2.800388061	2.017997711	1.074656143	1.4424842	1.905631	1.5914748	1.2807537	1.9175439
6525000000	0.157079633	1.204277184	0.789083697	2.580638247	1.271001018	0.608266894	1.1992463	1.8116063	1.3397076	1.1503412	1.3837387
6525000000	0.157079633	1.256637061	0.687301952	2.222624529	1.06948813	0.713527286	1.1714674	1.6682551	1.2792305	1.1785628	1.2201227
6525000000	0.157079633	1.308996939	0.907111121	1.859952522	1.577467241	1.047593748	1.2322849	1.5346002	1.4379597	1.2727977	1.3653369
6525000000	0.157079633	1.361356817	0.727104951	1.109637747	0.873172581	1.003847963	1.1822532	1.2911116	1.5392787	1.2600413	1.1997182
6525000000	0.157079633	1.413716694	-0.028515484	-0.419215429	1.265360604	0.377392105	0.9935516	0.9079845	1.3382463	1.0907851	0.344752
6525000000	0.157079633	1.466076572	-0.797193929	-2.614923003	0.004883952	-0.45401743	0.8323014	0.5476558	1.0011252	0.9007375	-0.8594525
6525000000	0.157079633	1.518436449	-0.780607896	-4.576697557	-0.842488685	-0.837382104	0.8354861	0.3486023	0.823666	0.824635	-1.4990703
6525000000	0.157079633	1.57096327	0.046677001	-5.557224193	-0.771763214	-0.612383637	1.0108057	0.278149	0.8371893	0.8684836	-1.2571715
6525000000	0.157079633	1.623156204	0.817530268	-6.03486191	-0.681789227	-0.381642641	1.2071272	0.2491804	0.8547145	0.915874	0.9327501
6525000000	0.157079633	1.675516082	0.83962398	-6.013187566	-1.400640045	-0.758024177	1.2132838	0.2504271	0.7243292	0.839842	-1.2092104
6525000000	0.157079633	1.72787596	0.0851004	-8.424956299	-2.754344281	-1.685020221	1.0197883	0.3292338	0.5303537	0.678419	-1.941943
6525000000	0.157079633	1.780235837	-0.903006825	-3.126880039	-3.947627872	-2.34019347	0.812268	0.4867568	0.4034941	0.5834191	-2.4299555
6525000000	0.157079633	1.832595715	-1.345155535	-1.988404976	-4.573900444	-2.082333574	0.7336424	0.626442	0.3254325	0.6191083	-2.3892927
6525000000	0.157079633	1.884955592	-1.253835956	-1.712937618	-5.869657628	-1.54955371	0.7492321	0.6707401	0.2588417	0.6999139	-2.2510735
6525000000	0.157079633	1.93731547	-1.508257367	-2.172949713	-6.1628921472	-1.628921472	0.706601	0.6063244	0.2304262	0.6872391	-2.561346
6525000000	0.157079633	1.98675347	-2.534517485	-3.090994016	-0.62987118	-2.592550451	0.5578896	0.4907955	0.2494669	0.5504843	-3.3520851
6525000000	0.157079633	2.042035225	-3.531137292	-4.109915441	-6.014301685	-4.110615435	0.4434925	0.3881575	0.2503628	0.3880954	-3.7471037
6525000000	0.157079633	2.094395102	-3.310985147	-5.062442769	-6.835545042	-5.424252975	0.4665535	0.3117136	0.2072266	0.2867791	-4.9473614
6525000000	0.157079633	2.14675498	-2.900388099	-6.451347766	-7.479517681	-6.041768977	0.5128156	0.2263942	0.1786686	0.2487844	-5.3511468
6525000000	0.157079633	2.199114858	-3.673400548	-9.126038511	-7.66093573	-6.201949304	0.4292002	0.1222915	0.1713601	0.2397756	-6.1860177
6525000000	0.157079633	2.251474735	-5.385187339	-13.30140808	-8.43268089	-6.05946254	0.2893885	0.0467584	0.1434604	0.2477729	-7.4029859
6525000000	0.157079633	2.303834613	-5.565624973	-16.56525854	-9.850553477	-5.511296577	0.2776115	0.0220533	0.103501	0.2811061	-7.668312
6525000000	0.157079633	2.35619449	-4.143067301	-16.41016795	-10.83978815	-5.091728653	0.3852062	0.0228551	0.0824178	0.3096187	-6.9891691
6525000000	0.157079633	2.408554368	-3.411075471	-12.56768423	-11.17395445	-5.830642607	0.455924	0.0553645	0.0763141	0.2611775	-6.7326482
6525000000	0.157079633	2.460914245	-3.71920162	-8.426165585	-11.29070125	-8.28061794	0.4246976	0.1436757	0.0742899	0.1485724	-7.0375411
6525000000	0.157079633	2.513274723	-4.832463979	-6.605337957	-11.69833067	-10.14321196	0.3286651	0.2185074	0.0676342	0.0967562	-7.4984667
6525000000	0.157079633	2.565634	-6.443837093	-7.441833693	-13.68403685	-8.670093939	0.226786	0.1802257	0.042815	0.1358282	-8.3448172
6525000000	0.157079633	2.617993878	-7.320287268	-10.15053575	-15.73393541	-8.359952707	0.1853409	0.0965932	0.0267059	0.145883	-9.4540418
6525000000	0.157079633	2.670353756	-6.922516449	-10.2863856	-13.447609	-10.53995394	0.203118	0.0936184	0.0452105	0.0883089	-9.6833232
6525000000	0.157079633	2.722713633	-6.90102355	-9.410340162	-12.56497711	-10.56497711	0.2041257	0.1145423	0.0630258	0.055399	-9.6148627
6525000000	0.157079633	2.775073511	-7.836935761	-11.63689081	-12.86412557	-11.22589081	0.1645532	0.0685979	0.0517115	0.0754069	-10.454324
6525000000	0.157079633	2.827433388	-8.616795408	-17.54944022	-15.64167577	-9.59009578	0.1375056	0.0175815	0.0272792	0.1074776	-11.363145
6525000000	0.157079633	2.879793266	-8.112623506	-16.81681962	-19.94357959	-8.180397285	0.1544321	0.0208122	0.0101308	0.1054008	-10.738944
6525000000	0.157079633	2.932153143	-7.936708984	-14.422912726	-18.87634249	-7.708002137	0.1608159	0.0361168	0.0129529	0.1692117	-10.229658
6525000000	0.157079633	2.984513021	-9.600436154	-15.3072981	-15.96305998	-8.84559107	0.1096368	0.0294625	0.0253334	0.1304499	-11.32412
6525000000	0.157079633	3.036872899	-12.61512859	-18.24388873	-16.87966791	-11.38506432	0.054763	0.0149834	0.0205132	0.0726932	-13.899982
6525000000	0.157079633	3.089232776	-14.67773289	-22.32515996	-20.68671165	-15.30462112	0.0340586	0.0058544	0.0085375	0.0294807	-17.103487
6525000000	0.157079633	3.141592654	-17.03598015	-21.74376242	-21.05199179	-19.75045102	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.20943951	-3.141592654	-17.03597986	-21.74376248	-21.0519917	-19.75045063	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.20943951	-3.089232776	-19.58685521	-14.73260801	-22.00470771	-17.65835027	0.010998	0.033631	0.0063027	0.0171461	-17.690545
6525000000	0.20943951	-3.036872899	-18.64801228	-22.88886752	-22.88886752	-10.0400889	0.0136521	0.0853323	0.0051421	0.0196318	-15.094885
6525000000	0.20943951	-2.984513021	-18.9315504	-9.451825653	-19.69771396	-20.1844919	0.0127892	0.1134534	0.0107208	0.0095841	-14.360814
6525000000	0.20943951	-2.932153143	-19.35267205	-10.22702628	-19.37331398	-20.09371398	0.0116073	0.0949068	0.0115488	0.0097865	-14.360814
6525000000	0.20943951	-2.879793266	-15.22747307	-10.65744647	-18.23596918	-17.15761362	0.0300091	0.0895199	0.0150108	0.0192415	-14.253518
6525000000	0.20943951	-2.827433388	-11.49058644	-9							

6525000000	0.20943951	-0.41887902	-4.15349862	-8.429625734	-5.071218785	-2.835480446	0.3842821	0.1435613	0.3110843	0.5205374	-4.6869192
6525000000	0.20943951	-0.366519143	-5.159212409	-10.43753967	-5.058650627	-3.203693894	0.3048448	0.0904162	0.3119859	0.4782232	-5.2816943
6525000000	0.20943951	-0.314159265	-5.518318834	-12.33165714	-5.508264314	-4.62823118	0.280652	0.0584567	0.2813025	0.3444908	-6.1757678
6525000000	0.20943951	-0.261799388	-5.52571047	-13.06514666	-6.908410528	-7.235347107	0.2801747	0.0493725	0.2037788	0.1890015	-7.4325582
6525000000	0.20943951	-0.20943951	-5.887153283	-11.8167383	-9.450586283	-10.37613791	0.257801	0.0658152	0.1134858	0.9017036	-8.7876398
6525000000	0.20943951	-0.157079633	-6.629056098	-9.47970495	-12.1280353	-11.06068286	0.2173173	0.1127274	0.0612603	0.0783306	-9.3029885
6525000000	0.20943951	-0.104719755	-7.476948119	-7.674588388	-14.61215149	-9.271143011	0.1787743	0.170821	0.0354568	0.118273	-9.0097133
6525000000	0.20943951	-0.052359878	-8.569160771	-7.003910652	-18.71168569	-8.124640201	0.1390221	0.1993466	0.0134534	0.1540054	-8.980575
6525000000	0.20943951	-4.44E-16	-10.05032955	-6.832429175	-17.53426549	-8.017967919	0.0988478	0.2073753	0.017643	0.157835	-9.1928232
6525000000	0.20943951	0.052359878	-10.67242119	-5.693254742	-14.09194361	-8.133832583	0.085656	0.2695718	0.0389768	0.1536798	-8.6373106
6525000000	0.20943951	0.104719755	-9.523389998	-4.055559651	-12.94794016	-7.756371956	0.1115992	0.3930466	0.0507231	0.1676343	-7.4291979
6525000000	0.20943951	0.157079633	-8.587872933	-3.197865158	-12.29315592	-7.107792761	0.1384244	0.4788654	0.0589772	0.1946349	-6.6209071
6525000000	0.20943951	0.20943951	-8.616244535	-3.012600138	-10.52999498	-6.438415266	0.1375231	0.4997353	0.0885117	0.2270693	-6.2304033
6525000000	0.20943951	0.261799388	-8.245927689	-2.679055367	-8.341029645	-5.664751792	0.1497639	0.539628	0.14652	0.2713469	-5.5781084
6525000000	0.20943951	0.314159265	-6.758459444	-2.09310181	-6.821829511	-4.912534106	0.2109376	0.6175752	0.2078821	0.3226611	-4.6882266
6525000000	0.20943951	0.366519143	-5.569998788	-1.755123603	-5.779085501	-4.461161495	0.2773321	0.6675559	0.2642965	0.3580007	-4.0693967
6525000000	0.20943951	0.41887902	-5.187432206	-1.819624277	-4.492157609	-4.293322672	0.3028704	0.6577147	0.3554547	0.3721069	-3.7464981
6525000000	0.20943951	0.4711238898	-5.154967069	-2.267272972	-2.751836292	-3.957942788	0.3051429	0.5932354	0.53066	0.4019812	-3.3936703
6525000000	0.20943951	0.523598776	-5.098182403	-2.97015801	-1.228309848	-3.104140705	0.3091589	0.5046429	0.7536488	0.4893121	-2.888758
6525000000	0.20943951	0.575958653	-5.001349265	-3.3139954	-0.90052897	-2.061101593	0.3161295	0.4662303	0.8729602	0.6221425	-2.4460866
6525000000	0.20943951	0.628318531	-4.845019159	-3.040326506	-0.74188167	-1.26634443	0.3277163	0.496555	0.8429694	0.7470773	-2.192655
6525000000	0.20943951	0.680678408	-4.405585352	-2.703154832	-0.870808001	-0.772145971	0.3626114	0.5366418	0.8183125	0.8371155	-1.9473236
6525000000	0.20943951	0.730386988	-3.155836988	-1.841251593	-0.302662762	-0.5042723	0.4835221	0.6544475	0.9326803	0.8903746	-1.3061769
6525000000	0.20943951	0.785398163	-1.307827953	0.042062308	0.53698886	-0.575214351	0.7399753	1.0097323	1.1316154	0.8759485	-0.2718742
6525000000	0.20943951	0.873578041	0.238189796	1.670740131	0.81960826	-1.050462753	1.0563771	1.4691766	1.2068709	0.785152	0.5284554
6525000000	0.20943951	0.890117919	1.205899271	2.13440103	0.398985257	-1.404877688	1.3200486	1.6347077	1.0964518	0.7236228	0.76898
6525000000	0.20943951	0.942477796	1.907424952	1.511464211	0.064672006	-0.716273795	1.5514668	1.4162712	1.0150027	0.8479546	0.8194966
6525000000	0.20943951	0.994837674	2.552162238	0.819633112	0.653575911	0.713542003	1.7997667	1.2076089	1.1624053	1.1785668	1.2615965
6525000000	0.20943951	1.074197551	1.26688497	1.74665046	1.770936781	1.770936781	1.915987	1.3387161	1.4950821	1.5034662	1.9404591
6525000000	0.20943951	1.099557429	2.388861453	2.182394437	2.30616685	2.000997045	1.713508	1.6528728	1.7006568	1.5852571	2.2091149
6525000000	0.20943951	1.151917306	1.230775867	2.565676857	1.95186539	1.65695197	1.3276316	1.8053761	1.5674242	1.4645196	1.8786967
6525000000	0.20943951	1.204277184	0.297385157	2.389053327	1.200112309	1.388716153	1.0708743	1.7334261	1.3182908	1.3728024	1.3825482
6525000000	0.20943951	1.256637061	0.167031532	2.043954282	0.992962719	1.582962548	1.0392096	1.6010151	1.2568871	1.4397804	1.2522844
6525000000	0.20943951	1.308996939	0.371821404	1.652939873	1.458682813	1.907430124	1.0893869	1.4631673	1.3991629	1.5514687	1.3855418
6525000000	0.20943951	1.361356817	0.204696443	0.8777351675	1.678861633	1.826187968	1.0482615	1.2238697	1.4719266	1.5227156	1.1948464
6525000000	0.20943951	1.4137116694	-0.445557605	-0.635782784	0.975816232	1.191142605	0.9024938	0.8638169	1.2519347	1.3155709	0.3481052
6525000000	0.20943951	1.466076572	-1.084311873	-2.812260348	-0.365610427	0.38565088	0.7790562	0.523238	0.9192613	1.0928610	-0.8164106
6525000000	0.20943951	1.518436449	-1.158588002	-4.858798185	-1.200226118	-0.007275859	0.7658456	0.3266782	0.7585381	0.9983261	-1.4730841
6525000000	0.20943951	1.570796327	-0.612987343	-5.952173806	-1.028036753	0.095864775	0.8683629	0.2539701	0.7892168	1.0223191	-1.3461928
6525000000	0.20943951	1.623156204	0.022422685	-6.457817734	-0.858345347	0.139359126	1.0051764	0.2260571	0.8206641	1.032609	-1.1287428
6525000000	0.20943951	1.675516082	0.182413374	-6.522208872	-1.548870475	-0.40318294	1.0428968	0.2227302	0.700024	0.9113427	-1.4312108
6525000000	0.20943951	1.72787596	-0.182883802	-5.417095479	-2.876112253	-1.464676553	0.9587638	0.2872701	0.5156901	0.7137274	-2.084056
6525000000	0.20943951	1.780235837	-0.644537554	-3.576784134	-3.978207859	-2.276356675	0.8620774	0.4388555	0.4001098	0.5920581	-2.4163684
6525000000	0.20943951	1.832595715	-0.717863677	-2.188769859	-4.812128446	-2.183451162	0.8476443	0.6041197	0.3302077	0.60486	-2.242382
6525000000	0.20943951	1.884955592	-0.520110793	-1.704447135	-5.836028975	-1.743100159	0.8871334	0.675391	0.2608538	0.6694066	-2.0537552
6525000000	0.20943951	1.93731547	-0.682563951	-2.058125099	-6.672404055	-1.89354964	0.8545621	0.622569	0.2149691	0.6466139	-2.3302827
6525000000	0.20943951	1.989675347	-1.543601948	-2.97514582	-6.682018451	-3.063155243	0.7008738	0.5040637	0.2146832	0.4939517	-3.2021509
6525000000	0.20943951	2.042035225	-2.520134677	-4.076047297	-6.678641838	-5.063923273	0.5597402	0.3911968	0.2148502	0.3116074	-4.3256347
6525000000	0.20943951	2.094395120	-2.418560492	-5.192588114	-7.25096869	-6.87278326	0.5729859	0.302511	0.1883297	0.205473	-0.950352
6525000000	0.20943951	2.14675498	-1.823275054	-6.82757586	-7.597082422	-7.391823632	0.6571621	0.2076072	0.1738969	0.182313	-5.1535174
6525000000	0.20943951	2.199114858	-2.202202676	-9.7979353	-7.648606231	-7.097341158	0.6022541	0.1047626	0.171846	0.1951039	-5.106924
6525000000	0.20943951	2.251474735	-3.960186123	-14.11970978	-8.283400267	-6.476033625	0.4017736	0.0387284	0.1484773	0.225111	-6.9138748
6525000000	0.20943951	2.303834613	-5.700081925	-17.12325352	-9.499076869	-5.540901754	0.2691484	0.0193943	0.1122257	0.2791964	-6.6957346
6525000000	0.20943951	2.35619449	-5.192310709	-17.23533935	-10.64266577	-5.073820286	0.3025303	0.0189002	0.0862449	0.310898	-7.4558882
6525000000	0.20943951	2.408554368	-4.208507151	-12.83645307	-16.575313147	-6.157313147	0.3794454	0.0520421	0.0695095	0.2422416	-7.3093176
6525000000	0.20943951	2.460914245	-4.142512352	-8.405929238	-11.92648997	-9.142614602	0.3852554	0.1443468	0.0641728	0.1218256	-7.473893
6525000000	0.20943951	2.513274123	-4.929588967	-6.595462718	-11.91092051	-10.327707733	0.3213965	0.2190048	0.0644033	0.0927319	-7.5849304
6525000000	0.20943951	2.565634	-6.242134861	-7.436484771	-13.52714195	-8.194371761	0.2375672	0.1804478	0.0443901	0.1515524	-8.1392171
6525000000	0.20943951	2.617993878	-7.125722505	-9.807454418	-16.48363076	-7.915288352	0.193833	0.1045333	0.0224718	0.161611	-9.1860846
6525000000	0.20943951	2.670353756	-6.971336738	-9.657350113	-14.78890985	-10.07418296	0.2008475	0.1082094	0.0331978	0.0983064	-9.5805393
6525000000	0.20943951	2.7271213633	-7.017034287	-8.869097853	-12.71869968	-12.52904786	0.1987452	0.1297449	0.0534724	0.0558593	-9.6076266
6525000000	0.20943951	2.775073511	-8.054215729	-10.61959377	-12.88578954	-11.56867945	0.1565231	0.0867043	0.0514542	0.0696839	-9.0054227
6525000000	0.20943951	2.827433388	-9.170220677	-14.2588235	-15.00803601	-9.364822529	0.1210537	0.0375075	0.0315644	0.1157491	-11.165166
6525000000	0.20943951	2.879793266	-8.634471754	-14.65893884	-19.53196194	-7.701603809	0.1369471	0.0342063	0.0111379	0.1697167	-11.554512
6525000000	0.20943951	2.932153143	-8.168363698	-13.87325777	-20.49973577	-7.431347725	0.1524627	0.0409897	0.0089131	0.1806613	-10.188309
6525000000	0.20943951	2.984513021	-9.682709266	-15.12755712	-16.85932862	-8.804553358	0.1075794	0.0307075	0.0206095	0.1316875	-11.387884
6525000000	0.20943951	3.036872899	-12.7072724	-17.97745389	-17.31002828	-11.43744182	0.0536133	0.0159314	0.0185779	0.0718217	-13.98091
6525000000	0.20943951	3.089232776	-14.75042096	-21.98220022	-20.76580825	-15.37660939					

6525000000	0.261799388	-0.837758041	1.765318144	-3.319998729	-0.281715275	1.227520495	1.5015224	0.4655862	0.9371918	1.3266368	0.2437659
6525000000	0.261799388	-0.785398163	0.427290923	-3.07102901	-1.315984487	-0.068828113	1.1033901	0.493057	0.7385868	0.9842767	-0.810121
6525000000	0.261799388	-0.733038286	-0.260831034	-3.098088545	-1.93157884	-1.139882218	0.9417094	0.4899944	0.6409765	0.7691515	-1.4846165
6525000000	0.261799388	-0.680678408	-0.006295171	-3.300349725	-1.800350105	-1.176408321	0.9985515	0.4676975	0.660647	0.7627095	-1.4122143
6525000000	0.261799388	-0.628318531	-0.026377966	-3.958256796	-1.776796285	-0.984263303	0.9939447	0.4019521	0.6642329	0.7972117	-1.4609786
6525000000	0.261799388	-0.575958653	-0.845289164	-5.124020628	-2.489120969	-1.380767229	0.823135	0.307325	0.5637518	0.7276512	-2.1791041
6525000000	0.261799388	-0.523598776	-1.979197709	-6.345953971	-3.88275662	-2.218545158	0.6339868	0.2319555	0.409001	0.599992	-3.2907371
6525000000	0.261799388	-0.471238898	-2.880888117	-7.43725721	-5.011258246	-2.778250743	0.5151233	0.1804157	0.3154091	0.5274423	-4.1499346
6525000000	0.261799388	-0.41887902	-3.832487652	-8.8990225	-5.17864772	-2.939745296	0.4137626	0.128854	0.3034836	0.5081892	-4.7034851
6525000000	0.261799388	-0.366519143	-4.908941908	-10.87180001	-1.061206211	-3.439146281	0.3229281	0.0818126	0.3078785	0.39175824	-5.355083
6525000000	0.261799388	-0.314159265	-5.367425809	-12.54164074	-5.541202702	-4.838735252	0.2905744	0.0556975	0.2791771	0.3281909	-6.2267558
6525000000	0.261799388	-0.261799388	-5.301122818	-13.12588764	-6.944087254	-7.303299397	0.2950446	0.0486868	0.2021116	0.1860673	-7.376021
6525000000	0.261799388	-0.20943951	-5.589094034	-12.12683769	-9.445136263	-10.29547769	0.2761154	0.0612796	0.1136283	0.0934227	-8.6610522
6525000000	0.261799388	-0.157079633	-6.379403256	-9.757587011	-11.95329667	-11.01882875	0.2301758	0.1057405	0.0637779	0.0790892	-9.2129201
6525000000	0.261799388	-0.104719755	-7.327550538	-7.770394265	-14.32306048	-9.282406645	0.1850312	0.1670939	0.0369568	0.1179667	-8.9701047
6525000000	0.261799388	-0.052359878	-8.487928646	-7.0189907	-18.55183034	-8.14298599	0.1416469	0.1986557	0.0139578	0.1533562	-8.9652418
6525000000	0.261799388	-4.44E-16	-10.05032995	-6.832429001	-17.53426537	-8.017967789	0.0988478	0.2073753	0.017643	0.157835	-9.128232
6525000000	0.261799388	0.052359878	-10.6961941	-5.660249758	-13.96678686	-8.102828686	0.0851884	0.2716283	0.0401163	0.1547808	-8.6034608
6525000000	0.261799388	0.104719755	-9.501489669	-4.054916519	-12.75302572	-7.690985608	0.1121634	0.3931048	0.0530515	0.1701772	-7.3963231
6525000000	0.261799388	0.157079633	-8.701427449	-3.283292369	-12.0661574	-6.983589357	0.134852	0.469538	0.0621419	0.2002816	-6.6413435
6525000000	0.261799388	0.20943951	-9.069533061	-3.096097927	-10.34927692	-6.294413224	0.123893	0.4902191	0.0922725	0.2347246	-6.2841997
6525000000	0.261799388	0.261799388	-8.909406783	-2.60634378	-8.228303085	-5.60936748	0.1285462	0.5487387	0.1503729	0.2748294	-5.5986838
6525000000	0.261799388	0.314159265	-7.258324445	-1.899539163	-6.73678179	-4.981435664	0.1880042	0.6457227	0.2119982	0.3175824	-4.6746615
6525000000	0.261799388	0.366519143	-5.933294685	-1.54887134	-5.707981973	-4.568351553	0.2550765	0.7000239	0.2686593	0.3492729	-4.0532228
6525000000	0.261799388	0.41887902	-5.483499879	-1.666292912	-4.464421507	-4.293984827	0.2829111	0.6813507	0.357732	0.3720502	-3.7385129
6525000000	0.261799388	0.471238898	-5.414791991	-2.313878257	-2.783634525	-3.79118081	0.2874225	0.586965	0.5267888	0.4177168	-3.4225282
6525000000	0.261799388	0.523598776	-5.364087434	-3.548732599	-2.902360376	-2.902360376	0.2907979	0.4416993	0.7388569	0.5125827	-3.0453215
6525000000	0.261799388	0.575958653	-5.1790625	-4.501687444	-0.727967503	-1.927603365	0.3035466	0.3546756	0.8456745	0.6415635	-2.7055815
6525000000	0.261799388	0.628318531	-4.677130471	-3.954662791	-0.9166109	-1.127261192	0.3406332	0.4022849	0.8097275	0.7713898	-2.3581725
6525000000	0.261799388	0.680678408	-3.817313259	-2.60956004	-1.028730989	-0.514346899	0.4152108	0.5483325	0.7890907	0.8883116	-1.8030054
6525000000	0.261799388	0.733038286	-2.470978464	-0.856109686	-0.382233368	-0.132803078	0.5661117	0.8210867	0.9157494	0.9698838	-0.8713632
6525000000	0.261799388	0.785398163	-0.843039386	-1.150993515	-0.549872336	-0.182257651	0.8235615	1.303469	1.1349775	0.958902	0.2343568
6525000000	0.261799388	0.837758041	-0.44224506	-2.551670665	0.902172183	-0.721424371	1.107196	1.799563	1.2308843	0.8469496	0.955697
6525000000	0.261799388	0.890117919	1.161865083	2.790744424	0.519547223	-1.231969527	1.3067319	1.9014042	1.1270799	0.753014	1.0450675
6525000000	0.261799388	0.942477796	1.608935615	1.936427379	1.05268626	-0.703024889	1.4484168	1.5618623	1.0352062	0.8505454	0.8778414
6525000000	0.261799388	0.994837674	2.037883553	0.884153319	0.644717549	0.729906792	1.5987787	1.2257879	1.1600638	1.180162	1.1123054
6525000000	0.261799388	1.047197551	2.171595395	0.963512226	1.652867715	1.890729659	1.648768	1.2483927	1.463143	1.5455141	1.6922005
6525000000	0.261799388	1.099557429	1.626776781	1.744232067	2.169358	2.264572491	1.4543793	1.4942498	1.6479188	1.6844466	1.9596842
6525000000	0.261799388	1.151917306	0.610979062	2.150158392	1.805202399	2.106675687	1.5110599	1.6406496	1.5153754	1.624305	1.7109648
6525000000	0.261799388	1.204277184	0.060958365	2.086512304	1.063006271	2.024485081	1.0141352	1.6167811	1.2773227	1.5938578	1.3846824
6525000000	0.261799388	1.256637061	0.396753426	1.924640911	0.859068725	2.309277599	1.0956588	1.5576292	1.2187282	1.7018754	1.4409853
6525000000	0.261799388	1.308969399	0.841588275	1.753105026	1.299395723	2.61833469	1.2138327	1.4973058	1.3487752	1.8273994	1.6785172
6525000000	0.261799388	1.361356817	0.786918829	1.235399551	1.4717458	2.477574722	1.1986486	1.3290458	1.4033777	1.7691207	1.7582956
6525000000	0.261799388	1.413716694	0.311645541	0.080718673	0.702965063	1.768461962	1.0743964	1.01876	1.1757	1.5026097	1.6391858
6525000000	0.261799388	1.466076572	-0.089240343	-1.625275145	-0.718358351	0.846037157	0.9796613	0.6878163	0.8475477	1.2501768	-0.3033927
6525000000	0.261799388	1.518436649	-0.085012022	-3.383215258	-0.261305273	0.261305273	0.9806156	0.4683674	0.6927192	1.0620147	-0.9704752
6525000000	0.261799388	1.570796327	0.185664153	-4.543625693	-1.376262508	0.151154758	1.0436777	0.3512671	0.7284064	1.0354174	-1.0254218
6525000000	0.261799388	1.623156204	0.301882177	-5.527571053	-1.137920958	0.054893159	1.0719838	0.2800547	0.7694987	1.0127071	-1.0592712
6525000000	0.261799388	1.675516082	-0.019731436	-6.632994241	-1.782997355	-0.527554674	0.995467	0.2171204	0.6632851	0.8506141	-1.6091705
6525000000	0.261799388	1.72787596	-0.573946753	-6.877054796	-0.706827275	-1.566258534	0.8762042	0.2052554	0.4923991	0.6972269	-2.4582649
6525000000	0.261799388	1.780235837	-0.791196043	-5.405119199	-4.108797213	-2.360567995	0.8334516	0.2880634	0.3882583	0.5806885	-2.8181776
6525000000	0.261799388	1.832595715	-0.457658143	-3.794814927	-4.811037052	-2.291507861	0.8998828	0.4173674	0.3302907	0.5899662	-2.5227036
6525000000	0.261799388	1.884955592	-0.058479455	-3.125469312	-5.732832557	-1.889917854	0.9866249	0.4869149	0.2671264	0.6471549	-2.2400832
6525000000	0.261799388	1.93731547	-0.136982235	-3.459436648	-6.778524429	-2.136348154	0.9689509	0.4508752	0.209964	0.611456	-2.5157046
6525000000	0.261799388	1.986975347	-0.832666638	-4.499915011	-7.32246115	-3.579165006	0.8255309	0.3548203	0.1852482	0.438615	-3.4577184
6525000000	0.261799388	2.042035225	-1.706355433	-5.778649132	-7.627331586	-6.007546085	0.6750943	0.2643231	0.1726899	0.2507256	-4.676088
6525000000	0.261799388	2.094395102	-1.866482909	-7.03918781	-8.095772754	-7.706982482	0.6506564	0.1977339	0.1550325	0.1735009	-5.331167
6525000000	0.261799388	2.146754958	-1.379513737	-8.718966337	-8.182210065	-7.135276421	0.7278613	0.1343085	0.1519774	0.1934071	-5.2015335
6525000000	0.261799388	2.19114858	-1.369268563	-11.08397649	-8.15531428	-6.298205038	0.7295804	0.0779116	0.1529213	0.2345198	-5.2741639
6525000000	0.261799388	2.251474735	-2.483325506	-12.42137388	-8.76114977	-5.62195471	0.5645046	0.0572615	0.1330102	0.274034	-5.8972468
6525000000	0.261799388	2.303834613	-4.387430803	-12.07110376	-9.868368904	-4.943596793	0.3641304	0.0620711	0.1030773	0.3203615	-6.7284847
6525000000	0.261799388	2.35619449	-5.460434107	-12.00454044	-11.10064039	-4.911469598	0.2844177	0.060193	0.0776133	0.3227402	-7.2992463
6525000000	0.261799388	2.408554368	-5.138435765	-11.35028337	-12.63066134	-6.479294782	0.3063066	0.0732777	0.0545675	0.224942	-8.1112748
6525000000	0.261799388	2.460914245	-4.866183649	-8.608983829	-13.3123778	-9.383539223	0.3261232	0.137756	0.0466404	0.1152514	-8.056446
6525000000	0.261799388	2.513274123	-5.268793212	-7.187513397	-12.70837514	-9.096526301	0.2972492	0.1910947	0.0535998	0.1231325	-7.791933
6525000000	0.261799388	2.565634	-6.228103198	-8.203232235	-13.7819089	-7.136060086	0.238336	0.1512435	0.041861	0.0933722	-8.0631016
6525000000	0.261799388	2.617993878	-6.977564644	-10.43994405	-17.10031091	-7.31578363	0.2005596	0.0903661	0.0194971	0.1855332	-9.0661684
6525000000	0.261799388	2.670353756	-6.91862322								

6525000000	0.314159265	-1.256637061	4.465937978	-3.896598955	0.52208193	-2.436925741	2.7963646	0.4076994	1.1277379	0.570568	0.883461
6525000000	0.314159265	-1.204277184	3.995305463	-4.108669704	1.119242939	-1.365448852	2.5091727	0.3882693	1.2939703	0.7302223	0.9004937
6525000000	0.314159265	-1.151917306	3.443562334	-3.844796029	1.521691109	-0.336856109	2.2098166	0.4125916	1.4196102	0.9253678	0.9406794
6525000000	0.314159265	-1.09557429	2.291678137	-3.695118629	1.104954182	-0.100047017	1.6949926	0.4270593	1.28972	0.9772266	0.4030544
6525000000	0.314159265	-1.047197551	1.215803061	-4.298930216	0.04929178	-0.26231402	1.3230623	0.3716268	1.0099321	0.9413879	0.4024225
6525000000	0.314159265	-0.994837764	1.767538277	-5.519005429	-0.634195675	0.017416049	1.5022902	0.2806076	0.8641327	1.0040182	-0.3964236
6525000000	0.314159265	-0.942477796	2.916858312	-6.045717231	-0.069817089	0.6998810483	1.9574282	0.2485583	0.9203188	1.1748463	0.3152475
6525000000	0.314159265	-0.890117919	3.133869928	-5.244943117	-0.042068906	0.892654043	2.0577234	0.2988861	0.99036	1.2281896	0.5834621
6525000000	0.314159265	-0.837758041	2.188484816	-4.391842994	-0.476347816	0.048483314	1.6551924	0.3637606	0.896118	1.0112262	-0.0807681
6525000000	0.314159265	-0.785398163	0.699307266	-4.040000821	-1.511801287	-1.1668797626	1.1747102	0.3944572	0.7060247	0.6809579	-1.3133354
6525000000	0.314159265	-0.733038286	-0.007374825	-3.873623905	-2.15570842	-2.822316554	0.9983033	0.409862	0.6087362	0.5221176	-1.9739402
6525000000	0.314159265	-0.680678408	0.191571441	-3.871025245	-2.029678793	-2.164272014	1.0450983	0.4101073	0.6266602	0.6075371	-1.7240412
6525000000	0.314159265	-0.628318531	0.020329603	-4.479058967	-1.961414487	-1.260141892	1.004692	0.3565284	0.6365882	0.7481451	-1.6336679
6525000000	0.314159265	-0.575958653	-0.955905165	-5.761121686	-2.598811952	-1.22427928	0.8024343	0.265392	0.5496912	0.7543486	-2.2696982
6525000000	0.314159265	-0.523598776	-2.094729087	-7.056656856	-3.924507158	-1.92575327	0.6173438	0.1969402	0.4050879	0.6418369	-3.322649
6525000000	0.314159265	-0.471238898	-2.780976256	-8.00950232	-5.043054939	-2.671756444	0.5271114	0.1581429	0.3131082	0.5405357	-4.148501
6525000000	0.314159265	-0.41887902	-3.556128924	-9.291586241	-5.221146572	-3.073811883	0.4409477	0.1177176	0.3005283	0.4927411	-4.7110427
6525000000	0.314159265	-0.366519143	-4.687548638	-11.10191854	-5.145328241	-3.619719666	0.339817	0.0775904	0.3058209	0.4345383	-5.3843896
6525000000	0.314159265	-0.314159265	-5.272031232	-12.47342319	-5.575821265	-4.905016721	0.2970276	0.0565793	0.2769605	0.3323201	-6.2260834
6525000000	0.314159265	-0.261799388	-5.138931746	-12.95344931	-7.002555884	-7.184616952	0.3062717	0.0506588	0.1994087	0.1912222	-7.2841313
6525000000	0.314159265	-0.20943951	-5.32761908	-12.32971074	-9.46734247	-10.04373909	0.29325	0.0584829	0.1130487	0.0989979	-8.5095062
6525000000	0.314159265	-0.157079633	-6.135248789	-10.0228069	-11.80128296	-10.89274704	0.2434866	0.0994762	0.0660498	0.0814189	-9.1148154
6525000000	0.314159265	-0.104719755	-7.174069951	-7.865378607	-14.06097348	-9.276870317	0.1916872	0.1635544	0.0392557	0.1181172	-8.9226922
6525000000	0.314159265	-0.052359878	-8.407046981	-7.032831834	-18.39853772	-8.160332697	0.1443096	0.1980235	0.0144593	0.1527449	-8.9488398
6525000000	0.314159265	-4.44E-16	-10.05032986	-6.832428966	-17.53179683	-8.0179683	0.0988478	0.2037353	0.017643	0.1757849	-9.1822833
6525000000	0.314159265	0.052359878	-10.71674085	-5.631764241	-13.85651755	-8.072326384	0.0847863	0.2734158	0.041148	0.155875	-8.5759095
6525000000	0.314159265	0.104719755	-9.493228084	-4.066170371	-12.5899081	-7.627782626	0.1123769	0.3208075	0.0505819	0.1726719	-7.3741943
6525000000	0.314159265	0.107979633	-8.856481986	-3.380434523	-11.87497445	-6.855777261	0.1301223	0.4591521	0.0649385	0.2062634	-6.6732104
6525000000	0.314159265	0.20943951	-9.622389552	-3.183172624	-10.17428158	-6.121278435	0.109084	0.4804882	0.0960665	0.2424711	-6.3361916
6525000000	0.314159265	0.261799388	-9.711514725	-2.557707058	-8.087033741	-5.492459363	0.1068682	0.5549186	0.1553448	0.2823281	-5.6088069
6525000000	0.314159265	0.314159265	-7.83831137	-1.778925831	-6.14321244	-4.989744846	0.1645011	0.6639073	0.2180559	0.3129754	-4.6742407
6525000000	0.314159265	0.366519143	-6.370496022	-1.437747517	-5.621425345	-4.661913155	0.2306484	0.7181667	0.2740675	0.3418288	-4.0762576
6525000000	0.314159265	0.41887902	-5.884900944	-1.594889777	-4.575537811	-4.36258389	0.2579348	0.6924655	0.3582995	0.3662196	-3.780194
6525000000	0.314159265	0.471238898	-5.813267253	-2.418385494	-2.865874517	-3.77671591	0.2622245	0.573009	0.5169072	0.4191104	-3.5377987
6525000000	0.314159265	0.523598776	-5.759185693	-4.184931932	-1.460783596	-2.876352108	0.2655103	0.3815108	0.7143674	0.5156616	-3.2858412
6525000000	0.314159265	0.575958653	-5.444486506	-5.597346845	-0.925232383	-1.938643161	0.285466	0.2755912	0.8903127	0.6399347	-2.9005593
6525000000	0.314159265	0.628318531	-4.623234238	-4.121844067	-1.158307953	-1.08971409	0.3448868	0.3870932	0.7658499	0.7780878	-2.4849844
6525000000	0.314159265	0.680678408	-3.516336717	-1.766530714	-1.27690356	-0.302731655	0.4450065	0.6658048	0.7452631	0.9326675	-1.5665167
6525000000	0.314159265	0.730308286	-2.266439912	0.258094988	-0.574451122	0.291071066	0.5934116	1.06123	0.8761024	1.0693186	-0.4574995
6525000000	0.314159265	0.785398163	-2.016841217	0.439862464	0.4292688375	0.10568871	0.8021572	1.5910511	1.1065887	1.1038926	0.6104605
6525000000	0.314159265	0.837758041	0.032864087	3.138499235	0.86227698	0.034337648	1.0075959	2.059918	1.2196289	1.0079379	1.2181259
6525000000	0.314159265	0.890117919	0.494512107	3.214442857	0.51044067	-0.494513721	1.1206015	2.0962558	1.124719	0.8923775	1.1676991
6525000000	0.314159265	0.942477796	0.666484536	2.234676074	0.100696474	-0.257050666	1.1658655	1.6728909	1.0234571	0.9425295	0.7961017
6525000000	0.314159265	0.994837764	0.855827619	0.910957366	0.501557724	0.887188144	1.217819	1.2333767	1.122421	1.2266448	0.792049
6525000000	0.314159265	1.047197551	0.874397262	0.56442901	1.437996374	1.918524099	1.2230374	1.138788	1.3925142	1.5554369	1.2301626
6525000000	0.314159265	1.099557429	0.390840712	1.09801094	1.92592679	2.264569765	1.0941682	1.2876867	1.5593826	1.6844455	1.4811526
6525000000	0.314159265	1.151917306	-0.263755922	1.461986104	1.570678004	2.156056007	0.9410754	1.4002275	1.4357136	1.6428791	1.3193092
6525000000	0.314159265	1.204277184	-0.148561576	1.518861369	0.846321271	2.171418819	0.9663709	1.4186855	1.2151563	1.6487009	1.1800943
6525000000	0.314159265	1.256637061	0.744172012	1.641038284	0.655690397	2.535270032	1.1869084	1.4591631	1.1629714	1.79278	1.4626938
6525000000	0.314159265	1.308996939	1.469882982	1.819421753	1.095107814	2.879351812	1.4027759	1.5203451	1.2867992	1.9405962	1.8685159
6525000000	0.314159265	1.361356817	1.618850812	1.256846793	1.2746432585	2.746432585	1.4252859	1.4517274	1.335631	1.8821024	1.8289567
6525000000	0.314159265	1.413716694	1.129776102	0.749158802	0.465110871	2.019631664	1.2971124	1.188272	1.1130408	1.5920737	1.1314912
6525000000	0.314159265	1.466076572	0.792792051	-0.702603548	-1.01292507	1.03120488	1.2002707	0.8506279	0.7919677	1.2680036	1.0818735
6525000000	0.314159265	1.518436449	0.899319777	-2.295603185	-1.971347486	0.349021	1.2300761	0.5894401	0.6351338	1.0838266	-0.5326133
6525000000	0.314159265	1.570796327	1.2309828	-3.627003663	-1.778059355	0.220617759	1.3276949	0.4338101	0.6640396	1.0512115	-0.6077736
6525000000	0.314159265	1.623156204	1.198781288	-5.034751854	-1.506640317	0.265798077	1.3178869	0.3170704	0.7068462	1.0631139	-0.7038027
6525000000	0.314159265	1.675516082	0.452676709	-7.393677744	-2.109358884	-0.045571393	1.1098586	0.1822352	0.615271	0.9895617	-1.4012252
6525000000	0.314159265	1.72787596	-0.670682889	-10.65997186	-3.373657061	-0.779326592	0.8569031	0.0890591	0.4598962	0.8357326	-2.5212098
6525000000	0.314159265	1.78203837	-1.143894798	-10.41184061	-4.946212662	-1.414242733	0.768441	0.0909528	0.3660823	0.7223664	-3.1250617
6525000000	0.314159265	1.832595715	-0.619843179	-7.723998076	-4.949629318	-1.440896844	0.8669932	0.1688885	0.3199168	0.7176461	-2.8536755
6525000000	0.314159265	1.884955592	-0.042066298	-6.512335601	-5.712842398	-1.250449634	0.9903606	0.2232371	0.2683587	0.7498166	-2.5340995
6525000000	0.314159265	1.93731547	-0.061134271	-6.841060693	-6.79240328	-1.718603026	0.9860219	0.2096936	0.2092954	0.6731932	-2.8494268
6525000000	0.314159265	1.989675347	-0.638521965	-8.144126204	-7.829928679	-3.404375085	0.8632732	0.153316	0.1648189	0.456628	-3.8773672
6525000000	0.314159265	2.040263525	-1.401845476	-9.495982975	-5.824605124	-5.824605124	0.7241282	0.1123057	0.13449	0.2615408	-1.1258557
6525000000	0.314159265	2.094395102	-1.88176775	-10.24043948	-9.328817697	-6.484070758	0.6483705	0.0946141	0.1167127	0.2246947	-5.6687365
6525000000	0.314159265	2.14675498	-1.782683074	-10.70577914	-9.248510905	-5.400644436	0.6633331	0.0850006	0.118891	0.2883604	-5.2392806
6525000000	0.314159265	2.199114858	-1.52013018	-10.5574175	-9.19564649	-4.721206294	0.7046719	0.0879545	0.1203471	0.3371936	-5.0509189
6525000000	0.314159265	2.251474735									

6525000000	0.366519143	-1.675516082	0.816524739	-4.71258346	-3.777784876	-2.138782355	1.2068477	0.3378638	0.4190072	0.6111133	-1.9131108
6525000000	0.366519143	-1.623156204	2.080080119	-4.261946198	-3.485565669	-1.731336115	1.6143883	0.374805	0.4481707	0.6712223	-1.0949706
6525000000	0.366519143	-1.570796327	2.901852976	-3.962133879	-1.699463846	-1.4015934	1.9506767	0.4015934	0.4761175	0.6716664	-0.5742723
6525000000	0.366519143	-1.518436449	3.796698936	-3.430681399	-2.114440242	-1.668154516	2.3970103	0.4538704	0.6145482	0.6810587	0.1562038
6525000000	0.366519143	-1.466076572	4.76687118	-2.666072258	-0.466946464	-1.510152839	2.9970026	0.5412436	0.89806	0.7062927	1.0912260
6525000000	0.366519143	-1.413716694	5.371437975	-1.992153145	0.661550574	-1.589136768	3.4446397	0.6320984	1.1645417	0.6935636	1.7134928
6525000000	0.366519143	-1.361356817	5.249160208	-1.770471876	0.838752436	-1.197119501	3.3490067	0.6652091	1.2130403	0.6029594	1.6362401
6525000000	0.366519143	-1.308996939	4.486122025	-2.054782304	0.474250562	-2.907080892	2.8093911	0.6230484	1.1153857	0.5120259	1.0207774
6525000000	0.366519143	-1.256637061	3.734476927	-2.529094475	0.461349039	-2.528591324	2.3629128	0.5585867	1.1120771	0.5586514	0.5996344
6525000000	0.366519143	-1.204277181	3.552626624	-2.765889678	1.049646963	-1.150711165	2.2660144	0.5289456	1.2733996	0.6712258	0.8238997
6525000000	0.366519143	-1.151917306	3.427894546	-2.710730941	1.47013998	-0.071313427	2.2018587	0.5357065	1.4028589	0.9837136	1.075608
6525000000	0.366519143	-1.099557429	2.728799489	-2.885514493	1.068097465	0.194978212	1.8744763	0.5145748	1.278821	1.0459184	0.7131029
6525000000	0.366519143	-1.047197551	2.042891044	-3.85472292	-0.029759394	-0.106811449	1.6006232	0.4116496	0.9931711	0.9757057	-0.0205149
6525000000	0.366519143	-0.994837674	2.573061792	-5.549481991	-0.805943627	-0.359079688	1.8084486	0.2786454	0.8306262	0.9206446	-0.1791374
6525000000	0.366519143	-0.942477796	3.466151285	-6.18922397	-0.589797189	-0.334587793	2.2213405	0.217825	0.8730121	0.9258513	0.2510392
6525000000	0.366519143	-0.890117919	3.452742215	-6.064500275	-0.252937347	-0.614885835	2.2144925	0.2474856	0.9434226	0.8679834	0.2871194
6525000000	0.366519143	-0.837758041	2.350181478	-5.285964259	-0.648799652	-1.791183328	1.7179802	0.2960763	0.8612318	0.6620361	0.8875192
6525000000	0.366519143	-0.785398163	0.883193513	-4.937920538	-1.678750148	-3.566784449	1.225517	0.3207805	0.6793991	0.4398672	-1.7627091
6525000000	0.366519143	-0.733038286	0.319882286	-4.599580294	-2.376816258	-3.806916168	1.076436	0.3647704	0.57852	0.416206	-2.1861583
6525000000	0.366519143	-0.680678408	0.440380003	-4.35482913	-2.279621615	-2.133703851	1.1067206	0.3668741	0.5916132	0.6118284	-1.7145573
6525000000	0.366519143	-0.628318531	0.023170916	-4.857460976	-2.158823293	-0.893783191	1.0053496	0.3267788	0.6082998	0.8139949	-1.6202934
6525000000	0.366519143	-0.575958653	-1.201254353	-6.219705786	-2.690429818	-0.823538547	0.7583585	0.2387973	0.5382165	0.8272678	-2.2866241
6525000000	0.366519143	-0.523598776	-2.37612209	-7.615585669	-3.90553222	-1.668341907	0.5786125	0.1731576	0.406766	0.6810293	-3.3734477
6525000000	0.366519143	-0.471238898	-2.802344798	-8.447277725	-4.99208699	-2.685200272	0.5245242	0.142979	0.3168045	0.538865	-4.1931086
6525000000	0.366519143	-0.41887902	-3.353475968	-9.490235825	-5.200930312	-3.23640592	0.4620111	0.1124544	0.3019323	0.4746386	-4.1739422
6525000000	0.366519143	-0.366519143	-4.499913541	-11.02698369	-5.143671531	-3.68076618	0.3548205	0.0789408	0.3059376	0.4267685	-5.351874
6525000000	0.366519143	-0.314159265	-5.219721011	-12.10048001	-5.60754885	-4.801220928	0.3006269	0.0616527	0.2749445	0.331038	-6.16067
6525000000	0.366519143	-0.261799388	-5.0334385	-12.57183762	-7.07885347	-6.904739202	0.3138023	0.0553116	0.1959362	0.2039511	-7.1613296
6525000000	0.366519143	-0.20943951	-5.107162433	-12.41225494	-9.512314953	-9.678211564	0.3085203	0.0573818	0.1118841	0.1076909	-8.3455004
6525000000	0.366519143	-0.157079633	-5.90444313	-10.26721111	-11.66904397	-10.70736011	0.2567767	0.0490327	0.0680919	0.0849697	-8.9974059
6525000000	0.366519143	-0.104719755	-7.019597291	-7.951416283	-13.82488213	-9.257749796	0.1986279	0.1602723	0.0414488	0.1186383	-8.8690327
6525000000	0.366519143	-0.052359878	-8.326881643	-7.045343558	-18.25394887	-8.176860246	0.1469981	0.1974539	0.0149488	0.1521467	-8.9315876
6525000000	0.366519143	-4.44E-16	-10.05033005	-6.832429185	-17.53426532	-8.01796272	0.0988478	0.2073753	0.017643	0.157835	-9.1282232
6525000000	0.366519143	0.052359878	-10.73492061	-5.607758434	-13.76106154	-8.042137851	0.0844322	0.2749313	0.0420624	0.156959	-8.5512638
6525000000	0.366519143	0.104719755	-9.499305564	-4.088376859	-12.45814796	-7.567349175	0.1122198	0.3900878	0.0567787	0.1750915	-7.3625879
6525000000	0.366519143	0.157079633	-9.048884173	-3.489039565	-11.72379589	-6.727653311	0.1244834	0.4478123	0.0672389	0.2124392	-6.7163371
6525000000	0.366519143	0.20943951	-10.27242136	-3.280103304	-10.02260690	-5.92638536	0.09392	0.4698829	0.0994808	0.2554827	-6.3885492
6525000000	0.366519143	0.261799388	-10.65092073	-2.545855612	-7.946624922	-5.314910104	0.0860811	0.556435	0.1604492	0.2941095	-5.6182377
6525000000	0.366519143	0.314159265	-8.481604307	-1.732662253	-6.490169175	-4.913439522	0.1418533	0.6710174	0.2243794	0.3225938	-4.6857091
6525000000	0.366519143	0.366519143	-6.888590254	-1.405454949	-5.549414948	-4.696202467	0.2047109	0.7232529	0.2786497	0.3391406	-4.8128292
6525000000	0.366519143	0.41887902	-6.433291877	-1.57104154	-4.480446268	-4.46187	0.2273734	0.6964595	0.3564145	0.3579423	-3.8770537
6525000000	0.366519143	0.471238898	-6.403912379	-2.507786109	-2.983670519	-3.916170153	0.2288805	0.6613341	0.5030753	0.4058663	-3.7182671
6525000000	0.366519143	0.523598776	-6.30458866	-4.74636182	-1.638961208	-3.079505556	0.2341753	0.3408289	0.6856522	0.4920956	-3.5833953
6525000000	0.366519143	0.575958653	-5.80065537	-6.146395457	-2.190150539	-2.190150539	0.2629871	0.2428625	0.7680732	0.6039277	-3.2839898
6525000000	0.366519143	0.628318531	-4.720969939	-3.620310744	-4.271027337	-1.729734935	0.337212	0.4344791	0.7199291	0.7447774	-2.5251096
6525000000	0.366519143	0.680678408	-3.517659636	-0.897404864	-1.581218059	-0.300028408	0.4448709	0.8313614	0.6948294	0.9332482	-1.417238
6525000000	0.366519143	0.733038286	-2.483939433	0.933959673	-0.859409821	0.544038122	0.5644248	1.2399266	0.820463	1.1334538	-0.2707223
6525000000	0.366519143	0.785398163	-1.575648064	2.343283023	0.214656473	0.94181903	0.6957211	1.7152535	1.0506683	1.2421725	0.7039028
6525000000	0.366519143	0.83758041	-0.933490329	3.254182849	0.697144154	0.798658184	0.8065865	2.1155256	1.1741252	1.201893	1.2206265
6525000000	0.366519143	0.890117919	-0.746298006	3.281650559	3.371797541	0.410063703	0.8421127	2.128948	1.0893809	1.099022	1.1054456
6525000000	0.366519143	0.942477796	-0.829705251	2.307113723	-0.078258462	0.471380268	0.826094	1.7100276	0.9821417	1.1146487	1.0629458
6525000000	0.366519143	0.994837674	-0.782767757	0.838289977	0.239332323	1.237076437	0.8350707	1.2129112	1.056655	1.3295591	0.4475489
6525000000	0.366519143	1.047197551	-0.680524104	0.067017309	1.125128002	1.988505599	0.8549635	1.015551	1.2957249	1.580704	0.7345406
6525000000	0.366519143	1.099557429	-0.851253421	0.243871758	1.612487764	2.200387762	0.8220054	1.0577601	1.449602	1.6597351	0.9596244
6525000000	0.366519143	1.151917306	-0.985148131	0.488398129	1.271853322	2.069748143	0.7970493	1.1192051	1.3402485	1.105522	0.8519021
6525000000	0.366519143	1.204277184	-0.378331776	0.681880012	0.569380144	2.139882064	0.9165725	1.1700058	1.1400871	1.6367721	0.8488334
6525000000	0.366519143	1.256637061	0.7786307	1.206957201	0.398135086	2.594542502	1.1963633	1.3203702	1.0960075	1.8714516	1.3275236
6525000000	0.366519143	1.308996939	1.652215723	1.847488147	0.857243133	3.040254922	1.4629234	1.5302022	1.218216	2.0138425	1.920922
6525000000	0.366519143	1.361356817	1.793395517	2.000466936	1.041258171	3.01781393	1.5112613	1.5850645	1.2709402	2.0034633	2.021293
6525000000	0.366519143	1.413716694	1.346542872	1.384466258	0.268198864	2.421150005	1.3634973	1.3754558	1.0637018	1.7462845	1.4214999
6525000000	0.366519143	1.466076572	0.904765954	0.145712671	-1.228176343	1.594530933	1.2316196	1.0341208	0.753672	1.4436270	0.4757011
6525000000	0.366519143	1.518436449	1.020008725	-1.240025187	-2.79823633	1.11892477	1.2647389	0.7516185	0.5915857	1.2938748	-0.10793
6525000000	0.366519143	1.570796327	1.529724248	-2.388787383	-2.177738475	1.232644297	1.4222385	0.5769275	0.6056562	1.3282029	-0.073327
6525000000	0.366519143	1.623156204	1.672066241	-3.679255473	-1.927044139	1.517207229	1.4696253	0.428622	0.6416461	1.4181453	-0.0457996
6525000000	0.366519143	1.675516082	0.922527615	-6.103923157	-2.511388488	1.423255865	1.236667	0.2452492	0.5608686	1.3877959	-0.6669233
6525000000	0.366519143	1.72787596	-0.508646	-10.61979634	-3.76293123	0.838652856	0.8894784	0.0867003	0.4204428	1.2130125	-1.584804
6525000000	0.366519143	1.780235837	-1.423721276	-13.52385041	-4.750226448	0.159771679	0.7204899	0.0444237	0.339448	1.037439	-7.218731
6525000000	0.366519143	1.832595173	-0.994165								

6525000000	0.41887902	-2.094395102	-0.088150384	-8.508207193	-8.888694452	-11.93350093	0.9799072	0.1409871	0.1291607	0.0640693	-4.8342353
6525000000	0.41887902	-2.042035225	-0.475527434	-9.332076275	-8.127393439	-11.36588172	0.8962873	0.1166252	0.1539078	0.073015	-5.08696
6525000000	0.41887902	-1.989675347	-2.110877663	-9.190697859	-7.292665775	-10.06226165	0.6150526	0.1204842	0.1865234	0.0985766	-5.9318875
6525000000	0.41887902	-1.93731547	-5.03144588	-8.339104652	-6.754456597	-8.22494706	0.3139463	0.146585	0.2111327	0.1504892	-6.8710725
6525000000	0.41887902	-1.884955592	-10.21199454	-7.772479635	-6.57737541	-6.786829051	0.0952359	0.1670137	0.2199189	0.2095642	-7.6212175
6525000000	0.41887902	-1.832595715	-14.96402828	-7.261755738	-6.74835797	-6.063307996	0.0318858	0.1878557	0.2251731	0.2475536	-7.616602
6525000000	0.41887902	-1.780235837	-6.712854231	-6.262851044	-5.838620065	-5.49772304	0.2131644	0.2364367	0.2606982	0.2819863	-6.0542236
6525000000	0.41887902	-1.72787596	-1.968615516	-5.1051795	-4.66053001	-4.554181027	0.6355335	0.3086612	0.3419377	0.3504144	-3.8813157
6525000000	0.41887902	-1.675516082	0.509159914	-4.423608222	-3.786884015	-3.564336246	1.1243875	0.3611097	0.4181303	0.4401175	-2.3215007
6525000000	0.41887902	-1.623156204	1.708094067	-4.269313171	-3.556113424	-2.951854148	1.4818676	0.3741698	0.4409493	0.5007743	-1.54319
6525000000	0.41887902	-1.570796327	2.321251646	-4.152495867	-3.360259585	-2.610637491	1.7065742	0.3843708	0.46129	0.5481965	-1.1063785
6525000000	0.41887902	-1.518436449	2.900243486	-3.610778994	-2.74459815	-2.164548337	1.9499539	0.4354338	0.5923168	0.6074984	-0.4754625
6525000000	0.41887902	-1.466076572	3.560556871	-2.666913784	-0.57332021	-1.589419258	2.2701559	0.5411387	0.8763282	0.6935185	0.3952728
6525000000	0.41887902	-1.413716694	3.932497602	-1.767172396	0.618383856	-1.270140946	2.473146	0.6657064	1.1530241	0.7464245	1.0022413
6525000000	0.41887902	-1.361356817	3.62431529	-1.350215556	0.838798295	-1.405297659	2.3037297	0.7327882	1.2130531	0.7235528	0.9456928
6525000000	0.41887902	-1.308996939	2.736487958	-1.459830202	0.495217374	-1.634944839	1.8777977	0.7145243	1.1207835	0.6862866	0.4133267
6525000000	0.41887902	-1.256637061	2.172710787	-1.744226128	0.482317743	-1.271179974	1.6491915	0.6692331	1.1174595	0.746246	0.1933753
6525000000	0.41887902	-1.204277184	2.611571578	-1.78444167	1.073165063	-0.370863752	1.8245558	0.6630646	1.280314	0.91815	0.6875012
6525000000	0.41887902	-1.151917306	3.150977693	-1.609707891	1.509209749	0.291191557	2.0658452	0.6902862	1.4155362	1.0693482	1.1735548
6525000000	0.41887902	-1.099557429	3.019389492	-1.768645588	1.112867734	0.251014018	2.0041903	0.6654807	1.2920722	1.0595011	0.9875135
6525000000	0.41887902	-1.047197551	2.702891194	-2.768838071	-0.027583038	-0.418495033	1.8633272	0.5285867	0.9936689	0.9081352	0.3077352
6525000000	0.41887902	-0.994837674	3.094928789	-4.561577161	-0.906449447	-1.200793663	2.0393552	0.3498181	0.8116243	0.7584839	-0.0448853
6525000000	0.41887902	-0.942477796	3.633876213	-6.003173308	-0.750996395	-1.660716402	2.308807	0.2510052	0.8412021	0.6808985	-0.0883743
6525000000	0.41887902	-0.890117919	3.34557741	-5.940135287	-0.393097333	-2.203522308	2.1605173	0.2546751	0.9134615	0.6020711	-0.0758733
6525000000	0.41887902	-0.837758041	2.128306709	-5.461440618	-0.74590912	-3.340992315	1.6324154	0.2843518	0.8421881	0.4634341	-0.9389453
6525000000	0.41887902	-0.785398163	0.886027893	-5.286266327	-1.775926963	-4.389863268	1.2263171	0.2960557	0.6643659	0.3639265	-1.9540655
6525000000	0.41887902	-0.733038286	0.684719075	-4.94371807	-2.554202437	-3.435027733	1.1707709	0.3203526	0.5553666	0.4534164	-2.0413624
6525000000	0.41887902	-0.680678408	0.785952503	-4.560394167	-2.507272462	-1.50856382	1.1983819	0.3499134	0.5614004	0.7065512	-1.5238992
6525000000	0.41887902	-0.628318531	0.081237435	-4.954601995	-2.328934804	-0.43515227	1.0188817	0.3195507	0.5849335	0.9046587	-1.505768
6525000000	0.41887902	-0.575958653	-1.503756175	-6.314487571	-2.736194972	-0.575911047	0.7073338	0.2336422	0.5325747	0.857808	-2.3111069
6525000000	0.41887902	-0.523598776	-2.815401528	-7.779153865	-3.82299918	-1.658119132	0.5229496	0.1665775	0.4146676	0.6826343	-2.4993363
6525000000	0.41887902	-0.471238898	-2.961741737	-8.556770518	-4.86685094	-2.87431373	0.5056218	0.1394193	0.3260764	0.5159015	-4.2973444
6525000000	0.41887902	-0.41887902	-3.240101402	-9.3821973	-5.123091242	-3.390251642	0.4742309	0.115287	0.3073908	0.4511513	-0.7011299
6525000000	0.41887902	-0.366519143	-4.350639232	-10.62115902	-5.111387973	-3.642779834	0.3672282	0.0866731	0.3082203	0.4322371	-5.2492523
6525000000	0.41887902	-0.314159265	-5.199228911	-11.4843428	-5.632950713	-4.552364755	0.3020488	0.0710503	0.2733411	0.3505609	-6.033644
6525000000	0.41887902	-0.261799388	-4.977273328	-12.04659092	-7.167760196	-6.530503478	0.3178869	0.0624225	0.1919656	0.2323052	-7.0192226
6525000000	0.41887902	-0.20943951	-4.929064641	-12.38032366	-9.574298871	-9.268873142	0.3214353	0.0578053	0.1102986	0.1183349	-8.1824638
6525000000	0.41887902	-0.157079633	-5.692842324	-10.48369516	-11.55328819	-10.49081172	0.2695974	0.0894603	0.0699313	0.0893139	-8.276763
6525000000	0.41887902	-0.104719755	-6.867071058	-8.032335894	-13.61375761	-9.228738275	0.2052778	0.1571337	0.0435135	0.1194335	-8.810838
6525000000	0.41887902	-0.052359878	-8.247834374	-7.056429693	-18.11981819	-8.192773569	0.1496982	0.1969505	0.0154176	0.1516082	-8.9137159
6525000000	0.41887902	-4.44E-16	-10.05032967	-6.832429	-17.53426557	-8.017968326	0.0988478	0.2073753	0.017643	0.1578349	-9.1928233
6525000000	0.41887902	0.052359878	-10.75150768	-5.588140128	-13.6802894	-8.012610593	0.0841103	0.276176	0.042852	0.1580298	-8.52967
6525000000	0.41887902	0.104719755	-9.519676644	-4.120544885	-12.35709415	-7.510348223	0.1116946	0.3872091	0.0581153	0.1774407	-7.3611329
6525000000	0.41887902	0.157079633	-9.272901564	-3.609069007	-11.61525192	-6.603217995	0.1182251	0.4356052	0.0689406	0.1864041	-6.7706519
6525000000	0.41887902	0.20943951	-11.0132358	-3.392636645	-9.90762524	-5.720555699	0.0791911	0.4578638	0.1021498	0.2678826	-6.4441091
6525000000	0.41887902	0.261799388	-11.71892109	-2.5532912	-7.831381444	-5.089466262	0.0673144	0.5523297	0.1647638	0.30978	-5.6296809
6525000000	0.41887902	0.314159265	-9.164427107	-1.755649003	-6.394329483	-4.746804314	0.1212153	0.6674751	0.2293861	0.335212	-4.706696
6525000000	0.41887902	0.366519143	-7.486259649	-1.431818203	-5.519120313	-4.629105879	0.1783914	0.7191478	0.2860602	0.3444208	-4.984549
6525000000	0.41887902	0.41887902	-7.149247558	-1.558718713	-4.548001604	-4.520690947	0.1927859	0.6984384	0.3510911	0.353127	-3.9917886
6525000000	0.41887902	0.471238898	-7.200895974	-2.508084303	-3.12950309	-4.145275715	0.1905068	0.5612955	0.4864632	0.3850104	-3.9166767
6525000000	0.41887902	0.523598776	-6.95817463	-4.80801173	-1.827993297	-3.494362598	0.2014571	0.3305208	0.6564485	0.4742655	-3.8934628
6525000000	0.41887902	0.575958653	-6.175782375	-5.981409678	-1.360831826	-2.721481086	0.2412247	0.2522662	0.7309991	0.5343821	-3.5682575
6525000000	0.41887902	0.628318531	-4.912365784	-3.016151592	-1.682963455	-1.778760218	0.3226736	0.4993268	0.6787403	0.6639236	-2.6676014
6525000000	0.41887902	0.680678408	-3.740086841	-0.466745105	-1.892592932	-0.619267126	0.4226602	0.8981016	0.6467027	0.8671082	-1.4957239
6525000000	0.41887902	0.733038286	-3.008609227	0.95766915	-1.191450875	0.467091949	0.5001947	1.2467142	0.7600723	1.135486	-0.4328786
6525000000	0.41887902	0.785398163	-2.578485088	2.019344879	-0.087843125	1.11445531	0.55227	1.5919686	0.9799766	1.2925446	0.4304379
6525000000	0.41887902	0.837758041	-2.331381938	2.847162587	0.440385847	1.214869131	0.584604	1.926266	1.1067221	1.3227778	0.9169938
6525000000	0.41887902	0.890117919	-2.355944427	2.985110823	0.141022051	1.009858403	0.581307	1.9884336	1.0330045	1.2617864	0.8498102
6525000000	0.41887902	0.942477796	-2.449344391	2.177130416	-0.336342393	1.035878305	0.5689388	1.6508706	0.9254773	1.2693688	0.4823683
6525000000	0.41887902	0.994837674	-2.082784561	0.771646187	-0.080591711	1.535166224	0.619044	1.1944408	0.9816142	1.4240217	0.2316196
6525000000	0.41887902	1.047197551	-1.427534767	-0.208013523	0.778512539	2.034878882	0.7198575	0.9532321	1.1963307	1.597673	0.4796503
6525000000	0.41887902	1.099557429	-1.079239316	-0.309327768	1.2807892	2.125037705	0.7799677	0.931252	1.343009	1.6311871	0.6868814
6525000000	0.41887902	1.151917306	-0.929941622	-0.151844031	0.968606027	1.983460952	0.8072459	0.9656408	1.2498578	1.578869	0.6080504
6525000000	0.41887902	1.204277184	-0.240418142	0.243183544	0.290418142	2.109726646	0.9151376	1.0575925	1.0691578	1.6254464	0.7000892
6525000000	0.41887902	1.256637061	0.610951942	1.209292485	0.139804207	2.655602605	1.1510527	1.3210804	1.0327148	1.8431482	1.2613109
6525000000	0.41887902	1.308996939	1.437844908	2.268118858	0.626963268	3.211876663	1.3924657	1.6858227	1.1553041	2.0950176	1.9924834
6525000000	0.41887902	1.361356817	1.569648765	2.71087523	0.850056302	3.324761723	1.4353733	1.8711506	1.2162018	2.1501867	2.2225544
6525000000	0.41887902	1.413716694	1.012841972	2.342921097	1.12213978	2.908701864	1.262653				

6525000000	0.471238898	-2.513274123	-10.54295984	-7.433492549	-8.167383049	-9.363766594	0.0882478	0.1805721	0.1524971	0.1157773	-8.7200938
6525000000	0.471238898	-2.460914245	-7.723972094	-8.618062671	-9.132464549	-10.81073441	0.1688896	0.1374655	0.1221107	0.082971	-8.9326806
6525000000	0.471238898	-2.408554368	-6.371740511	-11.04250522	-10.10379681	-11.37690842	0.2305823	0.0786592	0.0976383	0.0728298	-9.2108157
6525000000	0.471238898	-2.35619449	-5.999718291	-11.80096811	-9.561774421	-11.45041563	0.2512049	0.0660546	0.1106172	0.0716075	-9.0353822
6525000000	0.471238898	-2.303834641	-6.421485696	-10.55342615	-9.051969431	-11.45707584	0.2279562	0.0880354	0.124395	0.0714978	-8.9288808
6525000000	0.471238898	-2.251474735	-6.262331821	-9.622602879	-9.167950189	-11.86279916	0.236465	0.1090786	0.121117	0.0651209	-8.7632682
6525000000	0.471238898	-2.199114835	-4.235835242	-8.895387395	-9.216645472	-12.66465347	0.3770652	0.1289619	0.119761	0.054142	-7.6959571
6525000000	0.471238898	-2.14675498	-2.054881303	-8.107515023	-9.023949988	-12.99316443	0.6230342	0.1546139	0.1252002	0.0501977	-6.2294616
6525000000	0.471238898	-2.094395102	-0.888851557	-7.677160917	-8.747469384	-12.36272791	0.8149198	0.1701798	0.1356916	0.05804	-5.3040949
6525000000	0.471238898	-2.042035225	-0.927418271	-7.658415563	-9.721749155	-11.2719427	0.807715	0.1714583	0.1613708	0.0746115	-5.1742808
6525000000	0.471238898	-1.989675347	-2.085648761	-7.608612853	-7.008213485	-9.954781994	0.6186359	0.1734358	0.1991492	0.1010466	-5.6373096
6525000000	0.471238898	-1.93731547	-4.309371151	-7.428875893	-6.340425168	-8.395167318	0.3707344	0.1807642	0.2322509	0.1447049	-6.342994
6525000000	0.471238898	-1.884955592	-8.360863274	-7.324010011	-5.994952294	-7.030718376	0.1458524	0.1851821	0.2514808	0.1981199	-7.0961185
6525000000	0.471238898	-1.832595715	-15.96965571	-7.055822264	-5.776933106	-6.057933106	0.025295	0.196978	0.2644275	0.2478601	-7.360323
6525000000	0.471238898	-1.780235837	-8.58895086	-6.277970682	-5.22415395	-5.043838597	0.13005	0.235615	0.3003202	0.3130518	-6.1126087
6525000000	0.471238898	-1.72787596	-3.129264367	-5.388244462	-4.243530811	-3.780035998	0.4864896	0.2891849	0.3763977	0.4187901	-4.059219
6525000000	0.471238898	-1.675516082	-0.322965528	-5.02520161	-3.494923279	-2.653201153	0.9283323	0.314398	0.4472061	0.5428917	-2.5322121
6525000000	0.471238898	-1.623156204	0.949622281	-5.205478314	-3.325712661	-1.923353082	1.2444064	0.3016145	0.4649741	0.6421901	-1.7829291
6525000000	0.471238898	-1.570796327	1.470327601	-5.288730681	-3.206255527	-1.452086839	1.4029195	0.2958877	0.4779412	0.7157994	-1.4077945
6525000000	0.471238898	-1.518436449	1.807146976	-4.686361345	-2.209837452	-0.972171559	1.5160541	0.3399099	0.6011962	0.7994344	-0.8929628
6525000000	0.471238898	-1.466076572	2.14466463	-3.495863208	-0.543379392	-0.482270879	1.6385755	0.4471093	0.882393	0.8948967	-0.1513815
6525000000	0.471238898	-1.413716694	2.204192742	-2.331349784	0.651251237	-0.263112238	1.6611899	0.5846084	1.1617833	0.9412149	0.3630908
6525000000	0.471238898	-1.361356817	1.600880429	-1.713733142	0.888293807	-0.488791398	1.4457328	0.6739485	1.2269571	0.8935541	0.3252558
6525000000	0.471238898	-1.30899639	0.504965076	-1.652070559	0.570827832	-0.899872578	1.1233019	0.6835857	1.1404672	0.8128544	-0.2684799
6525000000	0.471238898	-1.256637061	0.286630341	-1.719810418	0.582709904	-0.881261729	1.0682257	0.673006	1.1435917	0.8163452	-0.3837112
6525000000	0.471238898	-1.204277178	1.584231672	-1.480320268	1.190466067	-0.332643927	1.4402012	0.711611	1.315366	0.9262658	-0.4070062
6525000000	0.471238898	-1.151917306	2.787375576	-1.058985187	1.637642583	0.084251729	1.8999298	0.7836127	1.4580226	1.0195891	1.1068685
6525000000	0.471238898	-1.099557429	3.088901749	-1.063007379	1.239625963	-0.147244294	2.036527	0.7828873	1.3303398	0.9666641	1.0696065
6525000000	0.471238898	-1.047197551	2.959991336	-1.941073656	0.065126523	-0.9925783	1.9769657	0.6395767	1.0151089	0.7956868	0.404827
6525000000	0.471238898	-0.994837764	3.148934831	-3.582720479	-0.890455962	-1.85240941	2.0648737	0.4382561	0.8146188	0.6527683	-0.0321295
6525000000	0.471238898	-0.942477796	3.335901735	-4.985674034	-0.783938063	-2.205728972	2.1557092	0.3172726	0.8348457	0.6017652	-0.0992847
6525000000	0.471238898	-0.890117919	2.772955012	-5.160366193	-0.401280088	-2.493044325	1.8933616	0.3047638	0.9098546	0.5632247	-0.3721732
6525000000	0.471238898	-0.837758041	1.499571812	-4.924497035	-0.729207266	-3.210623025	1.4123983	0.3217735	0.8454332	0.4774608	-1.1675522
6525000000	0.471238898	-0.785398163	0.69466905	-4.941445662	-1.768738134	-3.686221245	1.1734563	0.3205202	0.6654665	0.4297124	-1.8890188
6525000000	0.471238898	-0.733038286	1.024735383	-4.765370178	-2.641248947	-2.661121981	1.2661161	0.3337821	0.5443461	0.5418609	-1.7393698
6525000000	0.471238898	-0.680678408	1.197079157	-4.442076558	-2.659548576	-1.113400243	1.3173704	0.3595774	0.5020752	0.7378557	-1.2597348
6525000000	0.471238898	-0.628318531	0.257488897	-4.787766371	-2.426477125	-0.354368479	1.0610819	0.3320652	0.5719424	0.5216439	-1.4165332
6525000000	0.471238898	-0.575958653	-1.744293437	-6.047470356	-2.709450088	-0.729729841	0.6692227	0.248458	0.5386645	0.8453314	-2.4054433
6525000000	0.471238898	-0.523598776	-3.35177286	-7.459366606	-1.671730575	-1.991679231	0.4621923	0.1794995	0.4293653	0.6321674	-3.7078889
6525000000	0.471238898	-0.471238898	-3.243318778	-8.232497303	-4.680315553	-3.216038692	0.4738797	0.1502278	0.3403835	0.4768657	-4.4328852
6525000000	0.471238898	-0.41887902	-3.210946863	-8.936391756	-4.997770538	-3.477548658	0.4774252	0.12775	0.3163901	0.4489898	-4.6516066
6525000000	0.471238898	-0.366519143	-4.237499785	-9.956313512	-5.051793268	-3.463927509	0.3769207	0.101011	0.3124789	0.4504909	-5.0832935
6525000000	0.471238898	-0.314159265	-5.199352305	-10.73466862	-5.649953049	-4.22668586	0.3020402	0.0843317	0.2727231	0.3778605	-5.8644426
6525000000	0.471238898	-0.261799388	-4.96219814	-11.45492379	-6.73299511	-6.142127181	0.3189923	0.0715332	0.1877589	0.2431013	-6.8751287
6525000000	0.471238898	-0.20943951	-4.79258868	-12.25638126	-9.646860631	-8.878238165	0.3316967	0.0594788	0.1084711	0.1294721	-6.0332746
6525000000	0.471238898	-0.157079633	-5.50447052	-10.66670413	-10.66702533	-10.26936193	0.2815483	0.0857668	0.0716024	0.0398961	-8.7540963
6525000000	0.471238898	-0.104719755	-6.719123174	-8.104001257	-13.42660352	-9.193674782	0.2128569	0.154739	0.0454297	0.1204017	-8.7498479
6525000000	0.471238898	-0.052359878	-8.170331262	-7.065994885	-17.99756045	-8.208289152	0.1523937	0.1965172	0.0158578	0.1510675	-8.8954819
6525000000	0.471238898	-4.446-16	-10.05032972	-6.832429087	-17.53426058	-8.01796804	0.0988478	0.2037353	0.017643	0.157835	-9.1928232
6525000000	0.471238898	0.052359878	-10.76717408	-5.572772864	-13.61402407	-7.983728392	0.0838074	0.271755	0.0435109	0.1590842	-8.5112173
6525000000	0.471238898	0.104719755	-9.553712512	-4.161630659	-12.825962417	-7.457466025	0.1108227	0.3835632	0.0590755	0.1795781	-7.3693259
6525000000	0.471238898	0.157079633	-9.521376071	-3.740519809	-11.55075452	-6.486773742	0.1116509	0.422618	0.069972	0.2245549	-6.8661237
6525000000	0.471238898	0.20943951	-11.83229451	-3.525278417	-9.838725509	-5.51646806	0.0655799	0.4440912	0.1037833	0.2807716	-6.5362172
6525000000	0.471238898	0.261799388	-12.89427879	-2.656323992	-7.759025738	-4.838285084	0.0513537	0.5425499	0.1675321	0.3282249	-5.6480464
6525000000	0.471238898	0.314159265	-9.85721823	-1.837545031	-6.348179038	-4.5083806	0.1033423	0.6550063	0.2318367	0.3541293	-4.7355806
6525000000	0.471238898	0.366519143	-8.149172396	-1.493519809	-5.50349616	-4.446840177	0.1531379	0.7090029	0.2785897	0.3591832	-4.2599372
6525000000	0.471238898	0.41887902	-8.019939542	-1.525858298	-4.66581621	-4.462883016	0.1577633	0.7037431	0.3414616	0.3578588	-4.0870527
6525000000	0.471238898	0.471238898	-8.159783135	-2.37474878	-3.304088592	-4.33196397	0.1527642	0.5787955	0.467295	0.3688108	-4.0680659
6525000000	0.471238898	0.523598776	-7.60827001	-4.515709126	-2.019446183	-3.991415049	0.1734495	0.3535223	0.6281385	0.3989849	-4.160475
6525000000	0.471238898	0.575958653	-6.463604399	-5.355218022	-1.555850126	-3.458619501	0.2257561	0.2913924	0.6988999	0.45096	-3.8012219
6525000000	0.471238898	0.628318531	-5.111075404	-2.635222663	-1.899196514	-2.580552146	0.3082425	0.5451019	0.6457737	0.5520703	-2.9006779
6525000000	0.471238898	0.680678408	-4.075073573	-0.562900033	-2.161184621	-1.302308136	0.3912845	0.8784357	0.6079691	0.7409164	-1.8398988
6525000000	0.471238898	0.730383286	-3.695813855	0.328902746	-1.503305916	-0.012092552	0.4269909	1.0786742	0.7074071	0.9972195	-0.9555151
6525000000	0.471238898	0.785398163	-3.782441983	1.095711515	-0.39948549	0.848050876	0.4185581	1.2869781	0.9121189	1.2156401	-0.184877
6525000000	0.471238898	0.837758041	-3.890382742	2.069527579	0.156778502	1.157191355	0.4082834	1.6104704	1.0367591	1.3053264	0.375101
6525000000	0.471238898	0.890117919	-3.81879948	2.553829918	-0.114783137	1.134632598	0.4150688	1.804058	0.9739168	1.2983567	0.4999356
6525000000	0.471238898	0.942477796	-3.30395087	2.121482121	-0.592089989	1.205893395	0.4673098	1.6298522	0.8725514	1.3200468	0.3073702
6525000000	0.471238898	0.994837									

6525000000	0.523598776	-2.932153143	-12.54630983	-10.17475394	-16.86026442	-14.86056454	0.0556377	0.096056	0.020605	0.0326545	-12.904051
6525000000	0.523598776	-2.879793266	-14.88723919	-9.87694829	-17.06689847	-16.38499315	0.0324546	0.1028739	0.0196472	0.022988	-13.517286
6525000000	0.523598776	-2.827433388	-13.90811054	-10.31522836	-16.11350443	-15.29760874	0.040662	0.0929988	0.0244709	0.0295283	-13.286883
6525000000	0.523598776	-2.775073511	-8.29661473	-10.01131062	-14.02407282	-13.68670116	0.1480262	0.0997399	0.0395907	0.0427888	-10.833546
6525000000	0.523598776	-2.722713633	-5.923170697	-9.213381204	-12.05437905	-12.5405131	0.2556719	0.1198566	0.0623106	0.055712	-9.0872791
6525000000	0.523598776	-2.670353756	-6.885205971	-9.279658552	-10.89444644	-10.2220554	0.2048705	0.1180413	0.0813871	0.0950155	-9.0368588
6525000000	0.523598776	-2.617993878	-11.54124471	-8.796960815	-9.86994659	-8.212054625	0.0701254	0.131918	0.1030399	0.1509366	-9.4307624
6525000000	0.523598776	-2.565634	-17.98171445	-7.432469221	-8.446074247	-7.856320181	0.0159158	0.1806147	0.1430186	0.1638204	-9.0017308
6525000000	0.523598776	-2.513274123	-12.66616298	-6.925250205	-7.948484211	-9.167897604	0.0541232	0.2029902	0.1638085	0.1211184	-8.707837
6525000000	0.523598776	-2.460914245	-9.136481226	-7.837005951	-4.580649478	-11.32132307	0.1219978	0.1645506	0.1245671	0.0737679	-9.1642265
6525000000	0.523598776	-2.408554368	-7.487351367	-9.703532448	-10.3965083	-12.26024499	0.1783466	0.1070648	0.0912744	0.0594259	-9.6246223
6525000000	0.523598776	-2.35619449	-6.723643438	-10.87674546	-9.964972367	-11.04517013	0.2126354	0.0817195	0.1008098	0.0786109	-9.2648727
6525000000	0.523598776	-2.303834613	-6.358533724	-10.56120042	-9.081883612	-9.61763913	0.2312846	0.087878	0.1235411	0.1092034	-8.6019406
6525000000	0.523598776	-2.251474735	-5.856599115	-10.0707659	-8.729704277	-9.17751117	0.2596212	0.0983838	0.1339768	0.1208506	-8.1471832
6525000000	0.523598776	-2.199114858	-4.866294411	-9.406668883	-8.646837873	-9.727942603	0.3261148	0.1146392	0.1365577	0.1064647	-7.6714586
6525000000	0.523598776	-2.14675498	-3.535857257	-8.162209353	-8.672060966	-10.62055797	0.4430108	0.1526789	0.1357669	0.086685	-6.892315
6525000000	0.523598776	-2.094395102	-2.323792651	-7.042924717	-8.5027406	-10.95910633	0.5856265	0.1975639	0.1411658	0.0801843	-6.0009254
6525000000	0.523598776	-2.042035225	-1.866760881	-6.567754662	-7.760088468	-10.53008531	0.6506148	0.2204066	0.167492	0.0885098	-5.5012714
6525000000	0.523598776	-1.989675347	-2.429702631	-6.584257235	-6.789180137	-9.596806794	0.5715178	0.2195706	0.2094508	0.1097285	-5.566323
6525000000	0.523598776	-1.93731547	-4.004297402	-6.825843016	-6.02208334	-8.272205582	0.3977134	0.2076901	0.2499146	0.1488605	-6.0024903
6525000000	0.523598776	-1.884955592	-7.144861748	-7.153019438	-5.527663719	-6.900872578	0.1929807	0.1926185	0.2800487	0.2041328	-6.6265021
6525000000	0.523598776	-1.832595715	-13.66791881	-7.236266472	-5.161825595	-5.633590532	0.0429742	0.1889615	0.3046614	0.2733000	-6.9362968
6525000000	0.523598776	-1.780235837	-10.84701356	-6.744965701	-4.58128065	-4.28128065	0.0822808	0.211594	0.3482856	0.3731401	-5.9546535
6525000000	0.523598776	-1.72787596	-4.360173257	-6.10948272	-3.700583275	-2.903411341	0.366423	0.2449353	0.4265222	0.5124587	-4.1163233
6525000000	0.523598776	-1.675516082	-1.18920658	-6.048956619	-3.04333097	-1.813617158	0.7604652	0.2483775	0.4960973	0.6586251	-2.6689092
6525000000	0.523598776	-1.623156204	0.25111005	-6.578709872	-2.919290702	-1.167907944	1.0595245	0.2198513	0.5105884	0.7642038	-1.9481053
6525000000	0.523598776	-1.570796327	0.824231443	-6.841815576	-2.85869119	-0.848440234	1.2089912	0.2069276	0.5177628	0.822538	-1.6174616
6525000000	0.523598776	-1.518436449	1.098214323	-6.096479078	-1.97818669	-0.607665481	1.28772	0.24567	0.6341344	0.8694277	-1.1962206
6525000000	0.523598776	-1.466076572	1.267558803	-4.594846493	-0.413799542	-0.36768684	1.3389239	0.3471485	0.9911776	0.9188219	-0.5625277
6525000000	0.523598776	-1.413716694	1.106961611	-3.148145167	-0.730226428	-0.331002365	1.2903162	0.4843792	1.1831032	0.9266159	-0.273441
6525000000	0.523598776	-1.361356817	0.267527793	-2.348027124	-0.958777124	-0.669118486	1.0635374	0.5823677	1.2470324	0.8527118	-0.1201743
6525000000	0.523598776	-1.308996939	-0.964645977	-2.149328971	-0.66926163	-1.108328423	0.8008209	0.6096311	1.1666133	0.7747595	-0.677863
6525000000	0.523598776	-1.256637061	-0.803104821	-2.027735907	-0.724630438	-0.977438338	0.8311693	0.626995	1.1815798	0.7984655	-0.7627264
6525000000	0.523598776	-1.204277184	1.073621866	-1.515726797	1.360517421	-0.252767553	1.2804487	0.7053868	1.3678918	0.9434595	0.3112424
6525000000	0.523598776	-1.151917306	2.581128697	-0.850129498	1.816253759	0.291192517	1.8118109	0.8222181	1.5192365	1.0693485	1.1582794
6525000000	0.523598776	-1.099557429	3.020044217	-0.7057337784	1.4157367784	0.150195787	2.0044924	0.8500151	1.3853952	1.0351895	1.2017006
6525000000	0.523598776	-1.047197551	2.852140968	-1.471485959	0.226827719	-0.572893746	1.9284754	0.7126092	1.053617	0.8764167	0.9592246
6525000000	0.523598776	-0.994837674	2.774366367	-2.947206883	-0.766004529	-1.245184374	1.8942471	0.5073169	0.8383002	0.7507262	-0.0102284
6525000000	0.523598776	-0.942477796	2.636787041	-4.181882843	-0.690481016	-1.449802506	1.8351802	0.3817787	0.8530056	0.716176	-0.2386327
6525000000	0.523598776	-0.890117919	1.827771798	-4.370026115	-0.308783676	-1.667681778	1.523271	0.365926	0.9313687	0.6811328	-0.5782529
6525000000	0.523598776	-0.837758041	0.577363042	-4.202038287	-0.604799118	-2.320335209	1.1421846	0.380011	0.8700017	0.5860929	-1.2809298
6525000000	0.523598776	-0.785398163	0.378795021	-4.27954315	-1.65457704	-2.88166175	1.0911376	0.3732894	0.6831913	0.5150315	-1.7674593
6525000000	0.523598776	-0.733038286	1.277639764	-4.274664092	-2.613096422	-2.376250009	1.3420354	0.373709	0.5478862	0.5785954	-1.4840138
6525000000	0.523598776	-0.680678408	1.581506472	-4.14287996	-2.701096222	-1.304669857	1.4392978	0.3852228	0.5368963	0.7405136	-1.1042794
6525000000	0.523598776	-0.628318531	0.521376768	-4.509735254	-2.472020037	-2.672478489	1.1275548	0.3540189	0.5718709	0.8274184	-1.4253738
6525000000	0.523598776	-0.575958653	-1.840144032	-5.592127226	-2.605636483	-1.359045361	0.6546145	0.2759226	0.5488281	0.7312998	-2.5753706
6525000000	0.523598776	-0.523598776	-3.890020291	-6.800309971	-3.467599956	-2.64981001	0.4083175	0.2089147	0.4500285	0.5432741	-3.9508989
6525000000	0.523598776	-0.471238898	-3.601403586	-7.5514443225	-4.560997517	-3.612392061	0.4363748	0.175734	0.3584184	0.4352721	-4.5413671
6525000000	0.523598776	-0.41887902	-3.240910941	-8.235973004	-4.847151813	-3.459767214	0.4741425	0.1501076	0.327963	0.5058409	-4.5498561
6525000000	0.523598776	-0.366519143	-4.149319661	-9.158235975	-4.971805421	-3.218720311	0.384652	0.1213882	0.3182874	0.4765714	-4.8781641
6525000000	0.523598776	-0.314159265	-5.208315912	-9.956901286	-5.657929998	-3.908290104	0.3014175	0.1009973	0.2717695	0.4066034	-5.6831961
6525000000	0.523598776	-0.261799388	-4.979657177	-10.86270378	-7.362307272	-5.810021368	0.3177125	0.0819841	0.1835563	0.2624206	-6.748573
6525000000	0.523598776	-0.20943951	-4.695702069	-12.07205909	-9.72316961	-8.552593951	0.3391797	0.0620575	0.1065818	0.1395355	-7.9090582
6525000000	0.523598776	-0.157079633	-5.34179906	-10.81247579	-11.35834201	-10.06433437	0.2922941	0.0829378	0.0731418	0.0985296	-8.641494
6525000000	0.523598776	-0.104719755	-6.577978371	-8.164395936	-13.26250897	-9.156237912	0.2198883	0.1526021	0.0471791	0.121444	-8.6877163
6525000000	0.523598776	-0.052359878	-0.894809845	-7.073951711	-17.88829714	-8.223629435	0.1550669	0.1961575	0.0162619	0.1505349	-8.8771259
6525000000	0.523598776	-4.44E-16	-10.0503297	-6.832429234	-17.53429234	-8.017968256	0.0988478	0.2073753	0.017643	0.1578349	-9.1922354
6525000000	0.523598776	0.052359878	-10.78248094	-5.561481637	-13.5620512	-7.95555534	0.0835126	0.2778765	0.0440347	0.1601196	-8.4959408
6525000000	0.523598776	0.104719755	-9.600349261	-4.210533196	-12.24367248	-7.40935055	0.109639	0.3792684	0.0596531	0.1815787	-7.3865432
6525000000	0.523598776	0.157079633	-9.785929242	-3.883253861	-11.53073595	-6.382515579	0.1050527	0.4089541	0.0702953	0.2300109	-6.912686
6525000000	0.523598776	0.20943951	-12.70746942	-3.68090918	-9.82119395	-5.326925598	0.0536109	0.4284588	0.1041852	0.2932969	-6.5779807
6525000000	0.523598776	0.261799388	-14.13447166	-2.778540239	-7.740919388	-4.588000458	0.0385969	0.5274071	0.1682318	0.3476962	-5.768651
6525000000	0.523598776	0.314159265	-10.52843175	-1.963784774	-6.63394923	-4.236769427	0.0885435	0.6362408	0.2309963	0.3769841	-4.7730648
6525000000	0.523598776	0.366519143	-8.849055181	-1.565346085	-5.35317635	-4.17962583	0.130345	0.6973734	0.2720622	0.3819772	-4.3128275
6525000000	0.523598776	0.41887902	-8.989069537	-1.449376276	-4.851501669	-4.260414216	0.1262098	0.7162463	0.3272275	0.3749372	-4.132381
6525000000	0.523598776	0.471238898	-9.157911662	-2.110924576	-4.333793377	-4.333793377	0.1213972	0.6150459	0.445406	0.3685555	-4.158691
6525000000	0.523598776	0.523598776	-8.099350008	-3.922447083	-2.215235497	-4.321887087	0.1549048	0.4052801	0.6004494	0.3696675	-4.1728287
6525000000	0.523598776	0.575958653	-6.5								

6525000000	0.523598776	2.984513021	-9.701029489	-15.24036408	-21.63661193	-9.507026575	0.1071265	0.0299201	0.0068602	0.1120205	-11.939433
6525000000	0.523598776	3.036872899	-12.86898964	-17.10691201	-20.23907816	-12.19519037	0.0516537	0.0194674	0.0094644	0.0603227	-14.531327
6525000000	0.523598776	3.089232776	-15.25015431	-20.33163629	-21.34483396	-16.11024151	0.0298528	0.0092648	0.007337	0.0244893	-15.511455
6525000000	0.523598776	3.141592654	-17.03598013	-21.74376222	-21.05199176	-19.75045057	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.575958653	-3.141592654	-17.03598025	-21.74376265	-21.05199214	-19.75045058	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.575958653	-3.089232776	-18.59997746	-13.67024995	-22.0507056	-17.3752378	0.0138039	0.0429512	0.0062363	0.0183011	-16.920096
6525000000	0.575958653	-3.036872899	-15.30507149	-10.59062165	-22.4177747	-14.87223589	0.0294776	0.0872846	0.0057309	0.0235669	-14.1156
6525000000	0.575958653	-2.984513021	-12.5256807	-10.33138085	-18.24225512	-13.67527447	0.0559026	0.0926535	0.0149891	0.0429015	-12.875251
6525000000	0.575958653	-2.932153143	-11.90864875	-10.10211035	-15.61560533	-14.1075566	0.064437	0.0977672	0.0223069	0.0388369	-12.532549
6525000000	0.575958653	-2.879793266	-13.25981475	-9.82808115	-16.41710197	-14.96066706	0.0472083	0.104038	0.0228186	0.0319105	-12.882446
6525000000	0.575958653	-2.827433388	-12.78634244	-10.58095421	-15.85864634	-13.77273584	0.052646	0.0874792	0.0259499	0.0419495	-12.839454
6525000000	0.575958653	-2.775073511	-8.666789681	-10.4930036	-14.5663241	-12.87086381	0.1359318	0.0892688	0.0349436	0.0516314	-11.08218
6525000000	0.575958653	-2.722713633	-6.753372787	-9.699873038	-12.77627725	-12.463936	0.2111848	0.1071551	0.0527682	0.056703	-9.708079
6525000000	0.575958653	-2.670353756	-9.215206425	-11.29313736	-11.29313736	-10.10142191	0.1563116	0.1198062	0.0742483	0.0976917	-9.5072597
6525000000	0.575958653	-2.617938778	-12.41780341	-7.970174277	-9.98202997	-7.696814051	0.0573086	0.1595815	0.1004146	0.169949	-9.1430483
6525000000	0.575958653	-2.565634	-16.1480229	-6.750869106	-8.541105561	-6.885363595	0.0242772	0.2113066	0.1399231	0.2048631	-8.3835509
6525000000	0.575958653	-2.513274123	-14.62824295	-6.535689522	-8.082607165	-7.559123483	0.0344489	0.2220399	0.1555032	0.1754235	-8.3311462
6525000000	0.575958653	-2.460914245	-11.38703671	-7.273355906	-9.226231804	-8.896881284	0.0726602	0.1873546	0.1195025	0.1289175	-8.952478
6525000000	0.575958653	-2.408554368	-8.795673421	-8.634437532	-10.80032728	-9.376812404	0.1319571	0.1369482	0.0831701	0.11543	-9.2327339
6525000000	0.575958653	-2.35619449	-7.156144447	-9.827668807	-10.4953751	-8.482840965	0.19248	0.106479	0.0892201	0.14183	-8.797874
6525000000	0.575958653	-2.303834613	-5.980913142	-10.14141019	-9.329274468	-7.502958779	0.252295	0.0967964	0.1167005	0.1777068	-7.9351234
6525000000	0.575958653	-2.251474735	-5.199078959	-10.16148065	-8.619804441	-7.281321951	0.3020592	0.09635	0.1374104	0.1870113	-7.4302326
6525000000	0.575958653	-2.199114858	-5.094163638	-9.781283099	-8.40574288	-7.8894266	0.3094451	0.1051651	0.144353	0.1625763	-7.4379986
6525000000	0.575958653	-2.14675498	-5.207694048	-8.362428684	-8.508741145	-9.002836825	0.3014606	0.1457999	0.1409697	0.1258103	-7.4833711
6525000000	0.575958653	-2.094395102	-4.392086223	-6.898101502	-8.388659704	-9.938174322	0.3637403	0.2042631	0.1449219	0.1014338	-7.3514409
6525000000	0.575958653	-2.042035225	-3.506720441	-6.213512077	-7.62317832	-8.79555865	0.4459929	0.2391579	0.1728551	0.1028121	-6.914883
6525000000	0.575958653	-1.989675347	-3.709261446	-6.189225273	-6.64130897	-7.46673302	0.4256708	0.2404792	0.2167051	0.1334543	-5.9503405
6525000000	0.575958653	-1.93731547	-5.14667555	-6.511649761	-5.838351371	-7.290384206	0.305726	0.2232724	0.2607143	0.1866215	-6.1246149
6525000000	0.575958653	-1.884955592	-8.123470127	-7.011613879	-5.240160166	-6.097674855	0.1540469	0.1989934	0.2992154	0.2456023	-6.4885231
6525000000	0.575958653	-1.832595715	-12.72802191	-7.342183377	-4.731718733	-5.120051285	0.0533578	0.1844088	0.3363784	0.307606	-6.56714
6525000000	0.575958653	-1.780235837	-9.647855356	-7.083745976	-4.06718453	-4.042891058	0.1084462	0.1951756	0.392038	0.3941498	-6.544763
6525000000	0.575958653	-1.72787596	-4.418333184	-6.615206837	-3.212085043	-2.877294745	0.3615486	0.2180115	0.4773001	0.5155497	-6.0549425
6525000000	0.575958653	-1.675516082	-1.504269948	-6.748556042	-2.609864591	-1.936047091	0.7072501	0.2114192	0.5482941	0.6403174	-7.283376
6525000000	0.575958653	-1.623156204	-0.104623655	-7.553496427	-2.513187494	-1.424778209	0.9761974	0.1756509	0.5606363	0.7203145	-2.1595374
6525000000	0.575958653	-1.570796327	0.481625624	-7.995033533	-2.489348961	-1.251910479	1.1172814	0.1586707	0.5637222	0.7495644	-1.8888792
6525000000	0.575958653	-1.518436449	0.773309948	-7.162298726	-1.710648366	-1.107346899	1.1948984	0.1922074	0.6744273	0.7749351	-1.4928207
6525000000	0.575958653	-1.466076572	0.965876281	-5.437211435	-0.266508004	-0.83161135	1.2490724	0.2859426	0.9404792	0.8257319	-0.8338476
6525000000	0.575958653	-1.413716694	0.850630374	-3.790646953	-0.60322711	-0.630942082	1.2163625	0.4177681	1.2031581	0.8647803	-0.3635147
6525000000	0.575958653	-1.361356817	0.125220914	-2.875948698	1.010184639	-0.684942554	1.0295229	0.5157095	1.2618812	0.8540941	-0.3846766
6525000000	0.575958653	-1.30896939	-0.826354691	-2.603728391	-2.347961549	-0.705176549	0.8267316	0.5490693	1.1876248	0.8501263	-0.6885347
6525000000	0.575958653	-1.256637061	-0.417501512	-2.352852581	0.850420932	-0.181222618	0.9083429	0.581721	1.2163039	0.9591306	-0.3792696
6525000000	0.575958653	-1.204277184	1.354870177	-1.620937963	1.516674181	0.710965784	1.3661142	0.6885036	1.4179712	1.177869	0.6543752
6525000000	0.575958653	-1.151917306	2.693205123	-0.759945877	1.979803024	1.292628038	1.859176	0.8397044	1.5755397	1.346675	1.4789737
6525000000	0.575958653	-1.099557429	2.9769775	-0.517316436	1.185065983	1.185065983	1.9847132	0.8877044	1.4390923	1.3137315	1.4808116
6525000000	0.575958653	-1.047197551	2.582357446	-1.233225966	0.396919522	0.484545761	1.8123236	0.5729662	1.0957007	1.1180329	0.726371
6525000000	0.575958653	-0.994837674	2.190662886	-2.62253582	-0.602732599	-0.30736344	1.6560227	0.5466967	0.8704517	0.9316733	0.005216
6525000000	0.575958653	-0.942477796	1.782284061	-3.733056231	-0.545189066	-0.808568827	1.5073996	0.4233449	0.8820254	0.8301243	-0.4061343
6525000000	0.575958653	-0.890117919	0.808123946	-3.871853466	-0.15817966	-1.311300701	1.2045155	0.4100291	0.9642331	0.7393863	-0.8116247
6525000000	0.575958653	-0.837758041	-0.323043586	-3.665830272	-0.432295732	-2.14141893	0.9283156	0.4299949	0.9052636	0.6107425	-1.4353233
6525000000	0.575958653	-0.783598163	0.073755287	-3.685870633	-1.478269661	-2.892761778	1.0171278	0.4279696	0.7114969	0.5137169	-1.7049811
6525000000	0.575958653	-0.733038286	1.399465082	-3.768893621	-2.493510652	-2.766802077	1.3802143	0.4198659	0.5631822	0.5828345	-1.4584715
6525000000	0.575958653	-0.680678408	1.833787784	-3.851901621	-2.643454323	-2.069200316	1.5253826	0.4119171	0.5440697	0.6209834	-1.1036881
6525000000	0.575958653	-0.628318531	0.760032752	-4.27887208	-1.807723665	-1.807723665	1.191251	0.3734781	0.5823783	0.6605836	-1.5737095
6525000000	0.575958653	-0.575958653	-1.821953368	-5.123894339	-2.452883409	-2.395004275	0.6573621	0.3066977	0.5684754	0.5761023	-2.7805807
6525000000	0.575958653	-0.523598776	-4.346725196	-6.028638648	-3.494707186	-3.494707186	0.3675594	0.2495377	0.473644	0.4472283	-4.1511232
6525000000	0.575958653	-0.471238898	-3.969074655	-6.704692658	-4.227420702	-3.932457213	0.4009521	0.2135653	0.3777965	0.404347	-4.5696898
6525000000	0.575958653	-0.41887902	-3.290836765	-7.424966357	-4.767156383	-3.356605803	0.4687231	0.180927	0.3406312	0.4616783	-4.401005
6525000000	0.575958653	-0.366519143	-0.468655086	-8.346937588	-4.881096176	-2.99116856	0.3918713	0.1463209	0.3250053	0.5022074	-4.6679854
6525000000	0.575958653	-0.314159265	-2.114355241	-9.227791472	-5.675827804	-3.67280646	0.3009986	0.1194733	0.2717798	0.492589	-5.525618
6525000000	0.575958653	-0.261799388	-5.021281199	-10.3165586	-7.457703794	-5.585851223	0.314682	0.0929703	0.1795683	0.2763216	-6.5577644
6525000000	0.575958653	-0.20943951	-4.635646648	-11.85988701	-9.796377906	-8.32188795	0.3439025	0.0651645	0.1048002	0.1471673	-7.8183558
6525000000	0.575958653	-0.157079633	-5.206042352	-10.91894965	-11.27353211	-9.891003579	0.3015753	0.0809292	0.0745842	0.1025415	-8.5013748
6525000000	0.575958653	-0.104719755	-6.445410395	-8.21169526	-13.12066521	-9.119702237	0.2267039	0.1509491	0.0487454	0.12247	-8.6259179
6525000000	0.575958653	-0.052359878	-7.08022932	-17.09202932	-17.09202932	-8.239008491	0.1576991	0.1958741	0.016623	0.1500027	-8.8589048
6525000000	0.575958653	-4.44E-16	-10.05032987	-6.832429361	-17.53426456	-8.01796807	0.0988478	0.2073753	0.017643	0.157835	-9.1928234
6525000000	0.575958653	0.052359878	-10.79787339	-5.554061506	-13.52412297	-9.728149958	0.0832171	0.2783517	0.0444209	0.1611332	-8.4838279
6525000000	0.575958653	0.104719755	-9.658235451	-4.266077098	-12.22925779	-7.366556593	0.1081873	0.3744487	0.0598514	0.1833768	-7.4120463
6525000000	0.575958653	0.157079633	-10.05728155	-4							

6525000000	0.575958653	2.565634	-6.185816105	-11.83248283	-16.83753646	-8.593667148	0.240668	0.065577	0.0207132	0.1382399	-9.3442209
6525000000	0.575958653	2.617993878	-6.44344202	-12.69311754	-17.28028318	-9.490181959	0.2268067	0.0537884	0.0187056	0.1124558	-9.8741964
6525000000	0.575958653	2.670353756	-7.667707258	-10.7449856	-16.04902529	-9.44559604	0.1710918	0.0842367	0.0248369	0.1136067	-10.06815
6525000000	0.575958653	2.722713633	-7.868351726	-9.234288387	-15.76486417	-8.721501842	0.1633672	0.119281	0.0265163	0.1342301	-9.5526963
6525000000	0.575958653	2.775073511	-6.884383848	-8.781501389	-17.26246231	-7.252659159	0.2049093	0.1323884	0.0170512	0.1332884	-8.6664283
6525000000	0.575958653	2.827433388	-7.680774956	-9.47138173	-20.17354423	-6.126637029	0.1705778	0.1129474	0.0096083	0.2349699	-8.720021
6525000000	0.575958653	2.879793266	-9.325724343	-11.43881038	-20.95212924	-6.256827377	0.1167959	0.0718653	0.0098648	0.2637649	-9.6328057
6525000000	0.575958653	2.932153143	-8.868991278	-13.66960656	-21.14744815	-7.642303902	0.1297481	0.0429575	0.0076781	0.1720955	-10.549264
6525000000	0.575958653	2.984513021	-9.579553965	-15.35149124	-21.31617866	-9.776756665	0.1101652	0.0291643	0.0073855	0.1052748	-12.00677
6525000000	0.575958653	3.036872899	-12.79693696	-17.03994771	-20.60960519	-12.38839501	0.0525178	0.0197699	0.0086904	0.057698	-14.600585
6525000000	0.575958653	3.089232776	-15.33366246	-20.13179779	-21.43220506	-16.28810476	0.0292842	0.0097011	0.0071908	0.0235066	-17.589348
6525000000	0.575958653	3.141592654	-17.03598025	-21.74376265	-21.05199214	-19.75045058	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.628318531	-3.141592654	-17.03597995	-21.74376259	-21.05199191	-19.75045065	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.628318531	-3.089232776	-18.52047597	-13.58311265	-22.05838612	-17.32575631	0.0140589	0.0438217	0.0062253	0.0185108	-16.849923
6525000000	0.628318531	-3.036872899	-15.14561092	-10.61324381	-22.43321291	-14.63675972	0.0305801	0.0868312	0.0057106	0.0343814	-14.047704
6525000000	0.628318531	-2.984513021	-12.28979066	-10.41860069	-18.24110835	-13.24992311	0.059023	0.0908113	0.014993	0.047316	-12.754308
6525000000	0.628318531	-2.932153143	-11.45918785	-10.02081528	-16.34661467	-13.46114792	0.071463	0.0995219	0.023192	0.0405068	-12.232142
6525000000	0.628318531	-2.879793266	-12.04099311	-9.76004786	-16.06275279	-13.80373548	0.062503	0.1056806	0.0247585	0.0416511	-12.371446
6525000000	0.628318531	-2.827433388	-11.78615541	-10.77432752	-15.77723321	-12.43949266	0.0662803	0.0836695	0.0264409	0.0570321	-12.393934
6525000000	0.628318531	-2.775073511	-9.312526339	-10.93339933	-15.29238628	-11.54522565	0.1171587	0.0806603	0.0295639	0.0700612	-11.286547
6525000000	0.628318531	-2.722713633	-8.285216518	-10.01836043	-13.77741903	-11.09814633	0.1484152	0.0995781	0.0419043	0.0776579	-10.367372
6525000000	0.628318531	-2.670353756	-10.22729997	-8.717963371	-11.88822733	-9.085944135	0.0949008	0.1343935	0.0647407	0.1234257	-9.8150059
6525000000	0.628318531	-2.617993878	-12.29131719	-6.996358125	-10.3167851	-6.901182651	0.0590022	0.1996936	0.0929654	0.2041182	-8.571575
6525000000	0.628318531	-2.565634	-11.34153277	-6.158186757	-8.939275159	-5.972598644	0.0734255	0.2422004	0.1276652	0.2527785	-7.594051
6525000000	0.628318531	-2.513274123	-12.36933596	-6.378784454	-8.59306143	-6.252600519	0.0579517	0.2302086	0.1399811	0.2369954	-7.7914898
6525000000	0.628318531	-2.460914245	-12.37309365	-7.02809906	-9.644772674	-7.114120333	0.0579016	0.1982395	0.1085322	0.1943515	-8.546358
6525000000	0.628318531	-2.408554368	-9.088429866	-7.89571096	-11.22254731	-7.614958557	0.1233551	0.1623413	0.0754649	0.1731826	-8.7423919
6525000000	0.628318531	-2.35619449	-6.737474067	-8.76281189	-10.98760101	-7.38535736	0.2119594	0.1329593	0.0796599	0.1825847	-8.1875451
6525000000	0.628318531	-2.303834613	-5.276947709	-9.163246992	-9.674447521	-7.085073317	0.2966916	0.1212482	0.1077842	0.1956558	-7.4389602
6525000000	0.628318531	-2.251474735	-4.45664402	-9.459894268	-8.758057897	-7.325565393	0.3583733	0.1132428	0.133105	0.1851156	-7.0452263
6525000000	0.628318531	-2.199114858	-4.776858193	-9.517686213	-8.46017883	-8.251742593	0.3329003	0.1117458	0.1425549	0.145535	-6.3473126
6525000000	0.628318531	-2.14675802	-6.288521595	-8.446233703	-8.54856918	-9.677905658	0.2350433	0.1430134	0.139683	0.1076984	-8.0587567
6525000000	0.628318531	-2.094395102	-6.743115038	-7.106233064	-8.339736168	-10.72531244	0.2116842	0.1947048	0.1465367	0.0846192	-7.9753082
6525000000	0.628318531	-2.042035225	-5.693397939	-6.447375734	-7.504493778	-9.885898855	0.269563	0.2266013	0.177644	0.1026621	-7.1193509
6525000000	0.628318531	-1.989675347	-5.733925149	-6.329292684	-6.561481019	-7.821953915	0.2670592	0.232847	0.2207252	0.1651219	-6.5477423
6525000000	0.628318531	-1.93731547	-7.415997533	-6.496344091	-5.803648246	-6.109300059	0.181301	0.224006	0.2628059	0.2449458	-6.4153527
6525000000	0.628318531	-1.884955592	-10.33293521	-6.946559797	-5.171174187	-5.12645402	0.0926204	0.2019966	0.3040063	0.3071529	-6.4503912
6525000000	0.628318531	-1.832595715	-10.84636475	-7.335822195	-4.554128561	-4.539747328	0.0822931	0.1846791	0.3504186	0.3515809	-6.1574889
6525000000	0.628318531	-1.780235837	-6.81081554	-7.075803774	-3.784719445	-3.837169984	0.2084099	0.1960738	0.4183387	0.4133167	-5.099926
6525000000	0.628318531	-1.72787596	-3.307291836	-6.525729659	-2.899932464	-2.922785153	0.4669505	0.2225497	0.5128694	0.5101777	-3.6841715
6525000000	0.628318531	-1.675516082	-1.172109268	-6.632927647	-2.312991704	-2.14925069	0.7636449	0.2171237	0.5870848	0.6096421	-2.6413863
6525000000	0.628318531	-1.623156204	-0.096408827	-7.578581825	-2.230389756	-1.764120124	0.9780456	0.1746392	0.5983579	0.6661745	-1.8743385
6525000000	0.628318531	-1.570796327	0.372572516	-8.320833095	-2.226670102	-1.627112879	1.0895753	0.147203	0.5988706	0.6875253	-2.0011275
6525000000	0.628318531	-1.518436449	0.679472391	-7.698214611	-1.519700867	-1.340860716	1.1693573	0.1698942	0.7047416	0.7394383	-1.5827125
6525000000	0.628318531	-1.466076572	1.007484019	-5.992808703	-1.077400335	-0.784965911	1.2610967	0.2516049	0.9599751	0.8346481	-0.8258314
6525000000	0.628318531	-1.413716694	1.112200085	-4.300750788	0.822782529	-0.288640799	1.2918736	0.371471	1.2085789	0.9356985	-0.2140514
6525000000	0.628318531	-1.361356817	0.701006628	-3.367221633	1.0076186	-0.063579714	1.1751699	0.4605511	1.2611358	0.9854669	-0.1296825
6525000000	0.628318531	-1.308969339	0.147651405	-3.084065033	0.764615845	-0.1199866	1.0345825	0.4915792	1.1925808	1.0280131	-0.2841297
6525000000	0.628318531	-1.256637061	0.589343745	-2.738847925	0.905861573	0.613721491	1.1453395	0.5322494	1.2319304	1.1517869	-0.0606578
6525000000	0.628318531	-1.204277184	1.948197324	-1.800774678	1.593635012	1.289673335	1.5661009	0.6605756	1.4433229	1.3457591	-0.8276663
6525000000	0.628318531	-1.151917306	2.904745345	-0.757235562	2.061904382	1.664411173	1.9519763	0.8399945	1.6076461	1.4670372	-1.6633048
6525000000	0.628318531	-1.099557429	2.886689776	-0.431523649	1.668948124	1.421161501	1.9438779	0.9051449	1.4685705	1.3871296	-1.541949
6525000000	0.628318531	-1.047197551	2.198751198	-1.126941105	1.500040135	0.58881284	1.6591098	0.7714466	1.1220547	1.1451968	-0.6983554
6525000000	0.628318531	-0.994837674	1.572966248	-2.488715905	-0.495715668	-0.46098079	1.4364702	0.5638003	0.8921306	0.8992495	-0.2322607
6525000000	0.628318531	-0.942477796	1.094892467	-3.539379095	-0.451676815	-1.338629755	1.2867354	0.4426517	0.9012231	0.7347457	-0.75029
6525000000	0.628318531	-0.890117919	0.197163892	-3.640472541	-0.054074409	-2.136034257	1.046445	0.4324668	0.9876261	0.6115002	-1.1378602
6525000000	0.628318531	-0.837758041	-0.699352551	-3.373019698	-0.294966225	-3.04482051	0.8512649	0.4599367	0.9343366	0.4960413	-1.6405916
6525000000	0.628318531	-0.785398163	-0.040146366	-3.29590258	-1.313270427	-3.699251873	0.9907986	0.4681766	0.7390485	0.4266531	-1.8298471
6525000000	0.628318531	-0.733038286	1.388298199	-3.410766253	-3.611873244	-3.611873244	1.3766699	0.4557665	0.5824455	0.4353241	-1.471548
6525000000	0.628318531	-0.680678408	1.882704412	-3.688573254	-2.542830375	-3.155998611	1.5426608	0.4277034	0.5568227	0.4835041	-1.2339381
6525000000	0.628318531	-0.628318531	0.853038068	-4.186357296	-2.24184926	-3.068755591	1.2170371	0.3813856	0.5967811	0.4933151	-1.725469
6525000000	0.628318531	-0.575958653	1.807002937	-4.779641423	-2.30109673	-3.612316282	0.6596289	0.332687	0.588695	0.525797	-2.570587
6525000000	0.628318531	-0.523598776	-4.690665111	-5.313568944	-3.049503106	-4.286065399	0.3395733	0.2942003	0.4955069	0.3727292	-4.253872
6525000000	0.628318531	-0.472138898	-4.272116632	-5.871116917	-4.029260345	-4.100931758	0.3739283	0.2587547	0.3954389	0.3889617	-4.0666452
6525000000	0.628318531	-0.41887902	-3.318451581	-6.636024231	-4.526245916	-3.246907167	0.4657571	0.2169689	0.3526756	0.4734883	-4.2340385
6525000000	0.628318531	-0.366519143	-3.977533333	-7.608280244	-4.789786024	-2.864807674	0.400172	0.1734491	0.3319108	0.5170442	-4.4898756
6525000000	0.628318531	-0.314159265	-5.207595655	-8.592652851	-5.65091783	-5.177167689	0.3014674	0.1382721	0.2722126	0.488168	-5.4107187
6525000000	0.628318531	-0.261779388									

6525000000	0.628318531	2.14675498	-2.566248634	-1.906741549	-12.09626476	-4.181620222	0.5538283	0.6446528	0.0617126	0.3818018	-3.8668805
6525000000	0.628318531	2.199114858	-3.109706701	-2.152798838	-11.61678923	-4.315969599	0.4886854	0.6091442	0.0688843	0.3701715	-4.1541852
6525000000	0.628318531	2.251474735	-4.706571286	-4.280723588	-11.19606218	-4.505068218	0.3383318	0.3731188	0.0760221	0.3543996	-5.4446165
6525000000	0.628318531	2.303834613	-6.531240254	-8.149098686	-11.15534079	-4.34007493	0.2222675	0.1531405	0.0766418	0.3681226	-6.8815479
6525000000	0.628318531	2.35619449	-6.256143357	-10.59392652	-11.58133474	-3.960228905	0.2368022	0.0872182	0.069481	0.0417696	-7.0154481
6525000000	0.628318531	2.408554368	-5.530483766	-9.060753898	-12.30977968	-4.164615206	0.279867	0.1241437	0.0587519	0.3832997	-6.7465767
6525000000	0.628318531	2.460914235	-5.899790753	-8.236261864	-13.30121129	-5.554894163	0.257052	0.1500976	0.0464502	0.0728983	-7.3760935
6525000000	0.628318531	2.513274123	-6.616130014	-9.472533348	-15.16058125	-7.772080328	0.2179651	0.1129137	0.0304749	0.167029	-8.7911138
6525000000	0.628318531	2.565634	-6.607038982	-12.35954773	-16.93988248	-8.793733025	0.2184219	0.0508025	0.0202307	0.132016	-9.6985472
6525000000	0.628318531	2.617993878	-6.579677771	-11.5108972	-17.18320135	-8.33047763	0.2198023	0.0706172	0.0191285	0.1467896	-9.4277384
6525000000	0.628318531	2.670353756	-7.708864202	-8.805263347	-16.7536714	-8.155606325	0.1694781	0.131666	0.0210118	0.152912	-9.2530517
6525000000	0.628318531	2.722713633	-8.267849147	-8.127972338	-16.58746799	-8.054848659	0.1490099	0.1538873	0.0219408	0.1565003	-9.1960957
6525000000	0.628318531	2.775073511	-7.088863719	-8.677773194	-18.7815604	-7.269389263	0.1954851	0.1355884	0.0132387	0.1875258	-8.7628062
6525000000	0.628318531	2.827433388	-7.51645881	-9.772980819	-22.30246066	-6.538976576	0.1771553	0.1053663	0.0058851	0.2218719	-8.9425259
6525000000	0.628318531	2.879793266	-9.058794469	-11.74084238	-19.92556698	-6.78124692	0.1241997	0.0669755	0.0101729	0.2098337	-9.8802614
6525000000	0.628318531	2.932153143	-8.738209907	-13.89389067	-19.61568037	-8.098295652	0.1337147	0.0407954	0.0109253	0.1549425	-10.700988
6525000000	0.628318531	2.984513021	-9.432577148	-15.45201095	-20.70740335	-10.06631293	0.1139573	0.028497	0.0084976	0.0984847	-10.050998
6525000000	0.628318531	2.962173633	-12.6983631	-16.98949182	-20.89049835	-12.59752958	0.0537234	0.020001	0.0081455	0.0549854	-14.657985
6525000000	0.628318531	3.089232776	-15.41516189	-19.95280333	-21.5098776	-16.48344085	0.0287398	0.0101093	0.0070634	0.0224777	-16.77098
6525000000	0.628318531	3.141592654	-17.03597995	-21.74376259	-21.05199191	-19.75045065	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.680678408	-3.141592654	-17.0359803	-21.74376237	-21.05199188	-19.75045085	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.680678408	-3.089232776	-18.45675154	-13.50905619	-22.0667638	-17.27831778	0.0142667	0.0445753	0.0062133	0.0187141	-16.789744
6525000000	0.680678408	-3.036872899	-15.06094794	-10.6335296	-22.4613103	-14.43664192	0.0311821	0.08643	0.0056737	0.0306028	-13.998752
6525000000	0.680678408	-2.984513021	-12.18252988	-10.48372597	-18.32318835	-12.89934228	0.0604988	0.0894597	0.0147123	0.0513057	-12.676534
6525000000	0.680678408	-2.932153143	-11.21544989	-9.931584742	-16.37724767	-12.912312788	0.0755884	0.1015878	0.023029	0.0511408	-12.017788
6525000000	0.680678408	-2.879793266	-11.25651348	-9.665028696	-16.05848927	-12.93749995	0.074877	0.1080182	0.0247828	0.0508452	-11.895602
6525000000	0.680678408	-2.827433388	-11.06090247	-10.8672022	-16.00568037	-11.52072818	0.0783267	0.0818992	0.025086	0.0704575	-11.942113
6525000000	0.680678408	-2.775073511	-10.07856542	-11.28330475	-16.32977042	-10.51348585	0.0982072	0.0744165	0.0232821	0.0888488	-11.754891
6525000000	0.680678408	-2.722713633	-10.56036567	-10.15345915	-15.18275973	-9.889570866	0.0878949	0.0965282	0.0303196	0.1025753	-11.005653
6525000000	0.680678408	-2.670353756	-14.07601015	-8.066821871	-12.72402484	-8.289026007	0.03912	0.1560694	0.0534609	0.1482851	-10.033992
6525000000	0.680678408	-2.617993878	-11.34087948	-6.148938714	-10.87149273	-6.564873173	0.0734365	0.2427203	0.0818184	0.2205259	-8.107006
6525000000	0.680678408	-2.565634	-8.127219299	-5.731096788	-9.604682352	-5.789698675	0.153914	0.2672331	0.1095297	0.266514	-7.0206
6525000000	0.680678408	-2.513274123	-8.816921025	-6.445901357	-9.274943327	-6.025983256	0.1313131	0.2266782	0.1181696	0.2496903	-7.4121241
6525000000	0.680678408	-2.460914245	-10.25790069	-7.079769047	-10.25249189	-6.873368201	0.0942345	0.1958949	0.0943519	0.2054297	-8.312735
6525000000	0.680678408	-2.408554368	-8.085218196	-7.472027179	-11.61359541	-7.6873597	0.1554097	0.178977	0.0689669	0.1703194	-8.433956
6525000000	0.680678408	-2.35619449	-5.977165317	-7.842452448	-11.38721762	-8.048512921	0.2525128	0.1643443	0.0726571	0.1567288	-7.9166409
6525000000	0.680678408	-2.303834613	-4.772945818	-7.964009777	-10.09325875	-8.250912377	0.3332003	0.1598082	0.0978755	0.1495291	-7.325489
6525000000	0.680678408	-2.251474735	-4.029227251	-8.23977716	-9.116639875	-8.787233458	0.395437	0.1505228	0.1225564	0.1322138	-6.9857393
6525000000	0.680678408	-2.199114858	-4.307714316	-8.559577977	-8.77321443	-9.804436869	0.3708759	0.1393292	0.1326412	0.1046059	-7.2847654
6525000000	0.680678408	-2.14675498	-6.227648076	-8.118225828	-8.771985648	-8.1120727884	0.238361	0.154233	0.1326788	0.081147	-8.9162665
6525000000	0.680678408	-2.094395102	-8.034022581	-7.364375975	-8.365974756	-10.68775866	0.1572526	0.1834689	0.1456809	0.0853451	-8.4484898
6525000000	0.680678408	-2.042035225	-7.218218425	-7.033715693	-7.547951125	-5.88503685	0.1897484	0.1979832	0.1808177	0.1384043	-7.5266905
6525000000	0.680678408	-1.989675347	-6.97635875	-6.833565316	-6.556964253	-6.379963891	0.2006153	0.2073211	0.2209549	0.2301459	-6.6804805
6525000000	0.680678408	-1.93731547	-8.554035088	-6.685206895	-5.916069237	-5.010414345	0.1395072	0.2142587	0.2560903	0.3154704	-6.356397
6525000000	0.680678408	-1.884955592	-10.43115987	-6.937199534	-6.330559666	-4.418152766	0.0905491	0.2024324	0.2930451	0.3615636	-6.2543945
6525000000	0.680678408	-1.832595715	-8.360005061	-7.221852022	-4.659911224	-4.118046237	0.1458813	0.1895897	0.3420431	0.3874124	-5.747324
6525000000	0.680678408	-1.780235837	-4.734501726	-6.726680757	-3.783608028	-3.560455958	0.3361629	0.2124868	0.4184458	0.4405086	-4.5357946
6525000000	0.680678408	-1.72787596	-2.140317427	-5.885094267	-2.82249091	-2.734981321	0.6108974	0.2579233	0.5220967	0.5327235	-3.17936
6525000000	0.680678408	-1.675516082	-0.60667073	-5.796143178	-2.208132242	-2.084214395	0.8696268	0.2632605	0.6014323	0.6188403	-2.3048085
6525000000	0.680678408	-1.623156204	0.147814698	-6.723963648	-2.11974769	-1.818642518	1.046214	0.2126198	0.6137977	0.6578634	-2.0084867
6525000000	0.680678408	-1.570796327	0.507015553	-7.751935994	-2.127402422	-1.704370164	1.1238324	0.1678056	0.613533	0.675403	-1.9034367
6525000000	0.680678408	-1.518436449	0.878294151	-7.540629752	-1.456804374	-1.333063883	1.2241353	0.1761721	0.7150223	0.7356789	-1.4706011
6525000000	0.680678408	-1.466076572	1.382042188	-6.101697203	-0.696772885	-0.907277884	1.3746882	0.245375	0.9582493	0.9817707	-0.6675533
6525000000	0.680678408	-1.413716694	1.684305473	-4.564254444	0.764087734	-0.188228674	1.4737738	0.3496025	1.1923638	0.9575846	-0.0290605
6525000000	0.680678408	-1.361356817	1.474844723	-3.745744128	0.932498442	-0.000685084	1.4043795	0.4221099	1.2395095	0.9998423	0.0790461
6525000000	0.680678408	-1.308996391	1.064074234	-3.536555968	0.700111277	0.069641011	1.2776368	0.4423935	1.1749277	1.0161647	-0.0969793
6525000000	0.680678408	-1.256637061	1.322792997	-3.149365637	0.85737997	0.312400649	1.3560612	0.4842431	1.2182544	1.0745832	-0.1422063
6525000000	0.680678408	-1.204277184	2.245006747	-2.042657542	1.505334221	0.657640307	1.6768749	0.6247903	1.4290037	1.1634397	0.876184
6525000000	0.680678408	-1.151917306	2.798846246	-0.838803254	2.019858722	0.734957243	1.9049546	0.8243652	1.5921569	1.1832927	1.3876592
6525000000	0.680678408	-1.099557429	2.433642143	-0.42804523	1.63493426	0.262995911	1.7513148	0.9061404	1.4571136	1.0624282	1.1201792
6525000000	0.680678408	-1.047197551	1.491088274	-1.09027604	0.481929729	-0.757758716	1.409642	0.7779871	1.1173596	0.8398933	0.1545218
6525000000	0.680678408	-0.994837674	0.922049024	-2.424190423	-0.514135456	-2.003137522	1.2365307	0.5722436	0.8883548	0.6305017	-0.7992486
6525000000	0.680678408	-0.942477796	0.819064414	-3.437264391	-0.483615524	-3.052432804	1.2075537	0.4531829	0.8946197	0.4951727	-1.1628484
6525000000	0.680678408	-0.890117919	0.395929975	-3.530758652	-0.06440614	-3.854935004	1.0954511	0.4435312	0.9865294	0.9116295	-1.3432004
6525000000	0.680678408	-0.837758041	-0.179768501	-3.238357037	-0.254537613	-4.472084231	0.9594518	0.4744214	0.943075	0.3571014	-1.652536
6525000000	0.680678408	-0.785398163	0.231316141	-3.099285436	-1.202266943	-4.650552684	1.0547065	0.4898954	0.7550458	0.3427242	-1.8007191
6525000000	0.680678408	-0.733038286	1.319897012	-3.246127348	-2.24008269	-4.384777929	1.3551573	0.4735734	0.5970239	0.3643529	-1.564396
6525000000	0.680678408	-0.680678408									

6525000000	0.680678408	1.72787596	-0.007622641	-0.790530521	-4.550868091	0.344158811	0.9982464	0.8335794	0.3506818	1.08247	-0.881798
6525000000	0.680678408	1.780235837	-0.706878324	-1.348035969	-5.814548498	-0.559088348	0.8497911	0.733156	0.2621472	0.8792071	-1.6680485
6525000000	0.680678408	1.832595715	-0.804197823	-1.763408273	-6.50046274	-1.435413552	0.8309602	0.6662837	0.2238483	0.7185527	-2.1473388
6525000000	0.680678408	1.884955592	-0.918452616	-2.350830149	-6.69898933	-2.010113786	0.8093842	0.581992	0.2138012	0.6294897	-2.5284717
6525000000	0.680678408	1.93731547	-1.415667623	-3.476272723	-6.540948819	-2.427380216	0.7218272	0.4491307	0.2217712	0.5718235	-3.0879634
6525000000	0.680678408	1.989675347	-2.033596506	-4.701134516	-6.627692807	-2.929338739	0.6260952	0.3387551	0.2173856	0.5094084	-3.7375081
6525000000	0.680678408	2.042035225	-2.600852128	-4.244522843	-7.696481584	-3.315766527	0.5494331	0.3763117	0.169962	0.4660402	-4.0844933
6525000000	0.680678408	2.094395102	-3.057077069	-2.368161855	-9.660800311	-3.293413714	0.4946435	0.579674	0.1081235	0.468445	-3.8434292
6525000000	0.680678408	2.14675498	-3.074358299	-1.191966999	-10.94752546	-3.275456483	0.4926791	0.7599815	0.0803984	0.470386	-3.4595708
6525000000	0.680678408	2.199119488	-3.236766964	-1.546181021	-10.77355207	-3.737055683	0.4745952	0.7004577	0.0836845	0.4229553	-3.7613339
6525000000	0.680678408	2.251474735	-4.66326352	-3.642833255	-10.52496372	-4.420502003	0.3417226	0.4322318	0.0886143	0.3613681	-5.1430104
6525000000	0.680678408	2.303834613	-7.003727967	-7.08565674	-10.83735572	-4.605256126	0.199355	0.1956295	0.082464	0.3463175	-6.8625613
6525000000	0.680678408	2.35619449	-7.185511852	-8.489246585	-11.48997543	-4.422047591	0.1911828	0.1416039	0.0709582	0.3612395	-7.184074
6525000000	0.680678408	2.408554368	-6.124084691	-6.963638802	-12.07083191	-4.864681668	0.2441134	0.2012038	0.062075	0.326236	-6.8108765
6525000000	0.680678408	2.460914245	-6.152741827	-6.489393216	-13.09552233	-6.372453313	0.2425079	0.2247019	0.0490284	0.2305444	-7.2886578
6525000000	0.680678408	2.513274123	-6.974397352	-8.311311261	-14.96700416	-7.876621548	0.200706	0.1475261	0.0318639	0.1630564	-8.6713828
6525000000	0.680678408	2.565634	-7.283446513	-12.15264384	-15.50701028	-7.753067946	0.1869198	0.0609166	0.0281384	0.1677618	-9.5493471
6525000000	0.680678408	2.617993878	-6.976088547	-10.1492905	-15.45614757	-7.259996266	0.2006278	0.0966209	0.0284699	0.1879318	-8.9139237
6525000000	0.680678408	2.670353756	-7.764017708	-7.087786459	-16.72191755	-7.541598542	0.1673394	0.1955336	0.021272	0.1761328	-8.5365662
6525000000	0.680678408	2.722713633	-8.564948687	-6.792522503	-17.41922634	-8.032205013	0.139157	0.2092896	0.0181166	0.1573184	-8.8282677
6525000000	0.680678408	2.775073511	-7.35949804	-8.035964622	-19.66697184	-7.773823218	0.1836751	0.1571823	0.010797	0.166962	-8.872138
6525000000	0.680678408	2.827433388	-7.476118797	-9.613798552	-24.16091481	-7.281638178	0.1788085	0.1093	0.003863	0.1869977	-9.217767
6525000000	0.680678408	2.879793266	-8.852763611	-11.74119167	-19.52515564	-7.507457623	0.1302338	0.0669701	0.0111554	0.1775228	-10.156054
6525000000	0.680678408	2.932153143	-8.594682069	-13.98311622	-18.38755978	-8.622145735	0.1382076	0.0399658	0.0144959	0.1733363	-10.835388
6525000000	0.680678408	2.984513021	-9.26973606	-15.53536434	-19.98673628	-10.35936497	0.1183113	0.0279553	0.0100306	0.0920584	-12.06986
6525000000	0.680678408	3.036872899	-12.57804885	-16.95590704	-21.07349703	-12.82231178	0.0552326	0.0201562	0.00781	0.0522118	-14.704074
6525000000	0.680678408	3.089232776	-15.4943897	-19.79406961	-16.69685314	-15.75045085	0.0282203	0.0104586	0.0069569	0.0213951	-17.586303
6525000000	0.680678408	3.141592654	-17.0359803	-21.74376237	-21.05199188	-19.75045085	0.019788	0.006693	0.0078488	0.0105914	-19.496802
6525000000	0.733038286	-3.141592654	-17.03597994	-21.74376257	-21.0519918	-19.7504508	0.019788	0.006693	0.0078488	0.0105914	-19.496802
6525000000	0.733038286	-3.089232776	-18.40799936	-13.44734626	-22.07599124	-17.23380848	0.0144278	0.0452132	0.0062001	0.0189680	-16.739306
6525000000	0.733038286	-3.036872899	-15.04877389	-10.64779124	-22.49510121	-14.27044891	0.0312696	0.0861432	0.0056298	0.0374072	-13.96721
6525000000	0.733038286	-2.984513021	-12.1998219	-10.52323338	-18.48613598	-12.60600735	0.0602584	0.0886496	0.0141705	0.0548781	-12.636898
6525000000	0.733038286	-2.932153143	-11.1917461	-9.835521453	-16.81623941	-12.44239411	0.0760021	0.138599	0.021783	0.056985	-11.938912
6525000000	0.733038286	-2.879793266	-10.89924334	-9.543570032	-16.4430827	-12.32380521	0.0812972	0.1110818	0.0226825	0.0585625	-11.649057
6525000000	0.733038286	-2.827433388	-10.6729483	-10.85690859	-16.63747701	-11.04086985	0.0856456	0.0820936	0.0216896	0.0785585	-11.739458
6525000000	0.733038286	-2.77073511	-10.70828107	-11.53990183	-17.80773742	-10.60873264	0.0849517	0.0701471	0.0165663	0.0986080	-11.702562
6525000000	0.733038286	-2.722713633	-13.04768042	-10.22004315	-17.1652021	-9.408568917	0.0495715	0.0905959	0.0192079	0.114589	-11.573471
6525000000	0.733038286	-2.670253756	-21.37162679	-7.541612256	-13.83203997	-8.213512718	0.0072918	0.1761322	0.041379	0.1508859	-10.723316
6525000000	0.733038286	-2.617993878	-10.32339603	-5.562394886	-11.63799181	-6.987996452	0.092824	0.2778181	0.0685805	0.2000785	-7.9635454
6525000000	0.733038286	-2.565634	-6.291244953	-5.480400656	-10.4665445	-6.481513219	0.2348959	0.2831131	0.0891938	0.2248271	-6.8192087
6525000000	0.733038286	-2.513274123	-6.4299625	-6.635362569	-6.820412547	-6.820412547	0.2275117	0.217002	0.0949432	0.2079499	-7.2850292
6525000000	0.733038286	-2.460914245	-7.818875154	-7.296394188	-10.96278303	-7.765353073	0.165239	0.1863634	0.0801165	0.1678481	-8.2463329
6525000000	0.733038286	-2.408554368	-6.868966651	-7.288570294	-11.94494041	-8.767459265	0.205638	0.1866994	0.0639008	0.1328171	-8.3190394
6525000000	0.733038286	-2.35619449	-5.525412243	-7.185500266	-11.73893533	-9.18811943	0.280194	0.1911833	0.0670102	0.1205558	-7.83212
6525000000	0.733038286	-2.303834613	-4.846476679	-6.979487319	-10.62787775	-9.021528979	0.3276064	0.2004709	0.0865391	0.12527	-7.32895
6525000000	0.733038286	-2.251474735	-4.155591929	-7.12676758	-9.696555051	-8.828545847	0.3840969	0.1937864	0.107327	0.130962	-6.9032605
6525000000	0.733038286	-2.199114858	-4.038425401	-7.550294985	-9.309004727	-8.889330846	0.3946003	0.1757804	0.1172464	0.1291418	-6.8996075
6525000000	0.733038286	-2.14675498	-5.408258838	-7.537360402	-9.145895381	-8.878285415	0.2878552	0.1763047	0.1217336	0.1294707	-7.4753276
6525000000	0.733038286	-2.094395102	-7.046549161	-7.453001879	-8.48673318	-8.054788295	0.1973991	0.1797628	0.1416859	0.1560525	-7.7350394
6525000000	0.733038286	-2.042035225	-6.40278295	-7.715581329	-7.44529865	-6.427113859	0.22894	0.1692162	0.1800819	0.227661	-6.9579312
6525000000	0.733038286	-1.989675347	-5.763359185	-7.523526968	-6.659185814	-4.962342555	0.2652553	0.1768672	0.2158149	0.3189817	-6.122014
6525000000	0.733038286	-1.93731547	-6.548196093	-6.960241458	-6.171727813	-4.222471556	0.2214014	0.2013612	0.24145	0.3782273	-5.840896
6525000000	0.733038286	-1.884955592	-7.618005943	-6.937287507	-6.699402029	-4.087972052	0.1730611	0.2024283	0.2691882	0.3901241	-5.8720827
6525000000	0.733038286	-1.832595715	-6.266063136	-7.100047112	-5.031904714	-3.992470992	0.2362619	0.1949823	0.3139132	0.3987979	-5.4365091
6525000000	0.733038286	-1.780235837	-3.516059564	-6.38868535	-4.058334809	-3.404221465	0.4450349	0.2296844	0.3927955	0.4566441	-4.1902975
6525000000	0.733038286	-1.72787596	-1.411793042	-5.2620915	-2.98204179	-2.518491476	0.7272475	0.2977082	0.5032639	0.5599521	-4.8328823
6525000000	0.733038286	-1.675516082	-0.189613895	-4.947115483	-2.19618781	-1.885189934	0.9572792	0.320102	0.5893701	0.6478598	-2.0158916
6525000000	0.733038286	-1.623156204	0.408911164	-5.76303816	-2.1755428	-1.661763964	1.0987303	0.2652749	0.6059625	0.6820616	-1.7848167
6525000000	0.733038286	-1.570796327	0.775803325	-6.907237182	-2.1663199	-1.552634558	1.1955847	0.280338	0.6072507	0.6994176	-1.6971828
6525000000	0.733038286	-1.518436449	1.287829909	-6.973117919	-1.518321038	-1.184602484	1.345188	0.2007651	0.7049656	0.7612718	-1.2317756
6525000000	0.733038286	-1.466076572	1.956406277	-5.776785919	-0.288205827	-0.61126162	1.5690639	0.2644365	0.9357922	0.868708	-1.0419722
6525000000	0.733038286	-1.413716694	2.364774413	-4.445613213	0.629592395	-0.207362368	1.7237626	0.1592847	1.1560037	0.953375	-0.2040541
6525000000	0.733038286	-1.361356817	2.204884428	-3.802124661	0.786653597	-0.138960609	1.6614545	0.4166655	1.1985704	0.9685096	0.2583817
6525000000	0.733038286	-1.308996939	1.731359197	-3.725944414	0.552436652	-0.221781404	1.4898273	0.4240388	1.1356478	0.950215	-0.0020945
6525000000	0.733038286	-1.256637061	1.679329092	-3.388701036	0.702077151	-0.206326794	1.4720851	0.4582789	1.1754596	0.9536024	0.0640464
6525000000	0.733038286	-1.204277184	2.148368801	-2.236831958	1.384060559	-0.142972714	1.6399737	0.597471	1.3753273	0.9676154	0.0882222
6525000000	0.733038286	-1.151917306	2.265961221	-0.957595373	1.851396683	-0.338802227	1.6849853	0.8021221	1.5315799	0.9249532	0.919869
6525000000	0.733038286	-1.099557429	1.479429881	-0.486928158</							

6525000000	0.733038286	1.308996939	-0.016629853	4.662137001	1.472688333	1.026407228	0.9961782	2.9255916	1.4036823	1.2666036	2.1696088
6525000000	0.733038286	1.361356817	0.153502578	4.441745519	1.666420625	0.89929705	1.0359773	2.7808307	1.4677161	1.2300697	2.1182735
6525000000	0.733038286	1.413716694	-0.208305298	3.462307	0.999784013	0.527216154	0.953168	2.2193751	1.2588628	1.1290719	1.4305212
6525000000	0.733038286	1.466076572	-0.439046025	1.802122314	-0.352865233	0.045651275	0.903848	1.5143011	0.921963	1.010567	0.3649706
6525000000	0.733038286	1.518436449	0.03085334	0.261268504	-1.467222021	-0.289508305	1.0071295	1.0620057	0.7133092	0.9355116	-0.3175575
6525000000	0.733038286	1.570796327	0.912623701	-0.113474133	-1.769222658	-0.312902389	1.23385	0.97421	0.6653922	0.9304858	-0.2182655
6525000000	0.733038286	1.623156204	1.36765324	0.268096844	-1.942673972	-0.155203848	1.3701412	1.0636768	0.6393411	0.964894	-0.0411203
6525000000	0.733038286	1.675516082	0.925377365	0.473148876	-2.802910485	-0.154631099	1.2374787	1.1151028	0.5244559	0.9650213	-0.1749601
6525000000	0.733038286	1.72787596	-0.125172468	0.318404056	-4.28332861	-0.562258594	0.9715894	1.0706097	0.3729638	0.8785655	-0.8365288
6525000000	0.733038286	1.780235837	-0.877555037	0.019825964	-5.54817122	-1.292748412	0.8170422	1.0045755	0.2783033	0.7425919	-1.4836409
6525000000	0.733038286	1.832595715	-0.931369548	-0.348790618	-6.237217852	-1.91674338	0.8068905	0.9228284	0.2378363	0.6431698	-1.8528388
6525000000	0.733038286	1.884955592	-0.955391555	-0.984590184	-6.556005284	-2.133750818	0.8025292	0.7971517	0.2210037	0.6118218	-2.1606061
6525000000	0.733038286	1.93731547	-1.351378772	-2.02048557	-6.523008696	-2.172194472	0.7325919	0.6279881	0.2226892	0.6064298	-2.6167556
6525000000	0.733038286	1.989675347	-1.931218344	-3.035140092	-6.481637015	-2.334421987	0.6410297	0.4971483	0.2248207	0.584195	-3.1265083
6525000000	0.733038286	2.042035225	-2.701040173	-2.929355958	-7.14805442	-2.531531277	0.5369032	0.5094064	0.1928389	0.5582733	-3.4740999
6525000000	0.733038286	2.094395102	-3.607268313	-1.788632858	-8.657454792	-2.642587955	0.4357859	0.662425	0.1362243	0.5441783	-3.5197842
6525000000	0.733038286	2.14675498	-3.869189688	-1.084241071	-9.964233278	-3.015379015	0.4012806	0.7790689	0.100827	0.4994156	-3.4930593
6525000000	0.733038286	2.199114858	-3.87968254	-1.727825794	-10.12835958	-3.948699932	0.4092906	0.6717651	0.0970877	0.4028376	-4.0313336
6525000000	0.733038286	2.251474735	-5.057664074	-4.061290073	-10.14667722	-4.933574929	0.3120568	0.3952283	0.0966768	0.3211016	-5.5192645
6525000000	0.733038286	2.303834613	-7.183056645	-7.273959534	-10.88171281	-4.949152868	0.1912909	0.1873286	0.081626	0.3199519	-7.0985547
6525000000	0.733038286	2.35619449	-7.529981734	-7.198759637	-11.76517491	-4.464409275	0.1766045	0.1906005	0.0666013	0.3577331	-7.0358748
6525000000	0.733038286	2.408554368	-6.610257824	-5.314747121	-11.85072612	-4.725598053	0.21826	0.2941205	0.0653021	0.3368528	-6.4085943
6525000000	0.733038286	2.460914245	-6.464270923	-5.064982693	-12.38429177	-5.881834834	0.2257215	0.3115313	0.0577525	0.2811169	-6.7104871
6525000000	0.733038286	2.513274123	-7.299318479	-7.340655471	-13.741685	-6.779802224	0.1862379	0.1844737	0.0422505	0.2098998	-8.0766824
6525000000	0.733038286	2.565634	-8.110669086	-11.93646001	-13.30779812	-6.747426744	0.1545016	0.0640257	0.0466896	0.2147442	-9.2382298
6525000000	0.733038286	2.617993878	-7.606972629	-9.075476675	-13.12816616	-6.874392621	0.1735013	0.1237235	0.0486613	0.2053812	-8.6069774
6525000000	0.733038286	2.670353756	-7.858963378	-5.838238918	-15.45651057	-7.731106078	0.1637207	0.2607211	0.0284675	0.1686124	-8.0860376
6525000000	0.733038286	2.722713633	-8.724770909	-5.646243669	-17.75932123	-8.691340275	0.1341291	0.2724944	0.016752	0.1351655	-8.5500487
6525000000	0.733038286	2.775073511	-7.657853687	-7.109739827	-20.04527854	-8.753160268	0.1714805	0.1945477	0.0098963	0.1332551	-8.9518904
6525000000	0.733038286	2.827433388	-7.548126644	-8.953028647	-24.63042865	-8.335261692	0.1758682	0.1272615	0.0034432	0.1467148	-9.4568609
6525000000	0.733038286	2.879793266	-8.730066696	-11.341135	-18.93298395	-8.385933061	0.1339656	0.0734322	0.012785	0.1450129	-10.365343
6525000000	0.733038286	2.932153143	-8.458841904	-13.89928815	-17.41112123	-9.163706023	0.1425988	0.0407447	0.0181505	0.1212354	-10.932215
6525000000	0.733038286	2.984513021	-9.100524262	-15.60428339	-19.27680232	-10.63983664	0.123012	0.0275151	0.0118119	0.0863011	-12.064887
6525000000	0.733038286	3.036872899	-12.44174642	-16.94041988	-21.15952562	-13.06366198	0.0569935	0.0202282	0.0076568	0.0493894	-14.740876
6525000000	0.733038286	3.089232776	-15.57136427	-19.65500349	-21.62681704	-16.92890948	0.0277245	0.0102688	0.0068729	0.0202819	-17.844554
6525000000	0.733038286	3.141592654	-17.03597994	-21.74376257	-21.0519918	-19.7504508	0.019788	0.006693	0.0078488	0.0105914	-19.96082
6525000000	0.785398163	-3.141592654	-17.03597988	-21.74376253	-21.05199222	-19.75045071	0.019788	0.006693	0.0078488	0.0105914	-19.96082
6525000000	0.785398163	-3.089232776	-18.3730225	-13.39739097	-22.08626131	-17.19282272	0.0145445	0.0457363	0.0061855	0.0190861	-16.69628
6525000000	0.785398163	-3.036872899	-15.10666387	-10.65395432	-22.52599442	-14.13569534	0.0308556	0.086021	0.0055899	0.0385866	-13.595012
6525000000	0.785398163	-2.984513021	-12.33789089	-10.5341708	-18.7518915	-12.35961575	0.0583729	0.0884266	0.013432	0.0580816	-12.629802
6525000000	0.785398163	-2.932153143	-11.40032281	-9.733977825	-17.06985249	-12.0282405	0.0724382	0.1063169	0.0196343	0.0626868	-11.852928
6525000000	0.785398163	-2.879793266	-10.96974085	-9.401608107	-17.25998085	-11.89586843	0.0799882	0.1147729	0.0187933	0.0646118	-11.577559
6525000000	0.785398163	-2.827433388	-10.65977245	-10.7583751	-17.74251875	-10.97536485	0.0850599	0.0839774	0.016817	0.0798847	-11.762244
6525000000	0.785398163	-2.775073511	-10.96327092	-11.73161892	-19.76232641	-10.2313214	0.0801075	0.0671179	0.0105625	0.0947953	-11.965408
6525000000	0.785398163	-2.722713633	-13.44175766	-10.38125443	-19.83197919	-9.741760985	0.0452714	0.0915956	0.0103945	0.1061265	-11.982739
6525000000	0.785398163	-2.670353756	-19.43302844	-15.51199353	-8.952587585	-12.727745	0.0113945	0.1857418	0.0305352	0.1272745	-10.518977
6525000000	0.785398163	-2.617993878	-9.653296921	-5.290418414	-12.57402403	-8.140521466	0.1083104	0.2957727	0.0552838	0.1534433	-8.1473399
6525000000	0.785398163	-2.565634	-5.55549382	-5.395212119	-11.55619959	-7.742141011	0.2782563	0.2882713	0.0698844	0.1681845	-9.6623905
6525000000	0.785398163	-2.513274123	-5.260455232	-6.797423238	-11.29519677	-7.879238278	0.2978204	0.2909536	0.0742066	0.1629582	-7.3046442
6525000000	0.785398163	-2.460914245	-6.361922935	-7.462216246	-11.65973119	-8.362152231	0.2311041	0.1793818	0.0682381	0.1458091	-8.0650448
6525000000	0.785398163	-2.408554368	-6.091649223	-7.217974849	-12.19986695	-6.832128008	0.2459433	0.1897591	0.0602578	0.1730179	-8.0660135
6525000000	0.785398163	-2.35619449	-5.492901588	-6.804474586	-12.09471612	-7.197994441	0.2822993	0.2087145	0.0617346	0.151426	-7.5437977
6525000000	0.785398163	-2.303834613	-5.394219003	-6.385690693	-11.29905159	-7.350260351	0.2887873	0.2298428	0.0741472	0.1840662	-7.11672605
6525000000	0.785398163	-2.251474735	-4.625555085	-6.491419888	-10.47128773	-6.754571393	0.3447025	0.2234148	0.0897163	0.2111266	-6.6261052
6525000000	0.785398163	-2.199114858	-3.82945338	-6.922635906	-10.01217761	-6.672473758	0.4140518	0.2031124	0.09972	0.2151556	-6.3262556
6525000000	0.785398163	-2.14675498	-4.252709721	-6.960808755	-9.63093345	-6.825122005	0.375603	0.2013349	0.1088696	0.2077245	-6.5094986
6525000000	0.785398163	-2.094395102	-5.001642361	-7.140294068	-8.723912132	-6.559169455	0.3161082	0.1931838	0.1341556	0.2208427	-6.6540038
6525000000	0.785398163	-2.042035225	-4.335364725	-7.86058262	-7.614659931	-5.598158942	0.3685221	0.1636597	0.1731945	0.2755397	-6.1042822
6525000000	0.785398163	-1.989675347	-3.555099258	-7.773807855	-6.919232128	-4.580248216	0.4410523	0.1669626	0.2035667	0.3483174	-5.3763981
6525000000	0.785398163	-1.93731547	-3.822754908	-6.872167937	-6.569975942	-4.100639082	0.4146909	0.2054865	0.2202939	0.3889879	-5.123459
6525000000	0.785398163	-1.884955592	-4.66189687	-6.617658804	-6.230953414	-4.081891766	0.3418301	0.2178884	0.2382103	0.3906707	-5.2702446
6525000000	0.785398163	-1.832595715	-4.435597224	-6.79995512	-5.600441641	-3.889739357	0.3601142	0.2089318	0.2751413	0.4083439	-5.7027143
6525000000	0.785398163	-1.780235837	-2.775423478	-6.165257798	-4.544455988	-3.045090882	0.5277857	0.24181	0.3511999	0.4960696	-3.9340228
6525000000	0.785398163	-1.72787596	-1.149725141	-4.934075064	-3.327463857	-1.931975748	0.7674101	0.3210647	0.4647866	0.640918	-2.7757807
6525000000	0.785398163	-1.675516082	-0.153199219	-4.426611072	-2.534980268	-1.140836396	0.9653395	0.3608601	0.5578301	0.7689823	-1.7832076
6525000000	0.785398163	-1.623156204	0.363473822	-5.074079043	-2.356645928	-0.796525302	1.087295	0.3108795	0.5812131	0.8324289	-1.5073802
6525000000	0.785398163	-1.570796327	0.791962078	-6.195252968	-3.21812163	-0.603160058	1.2000413	0.2401456	0.5863917	0.8703301	-1.4012517
6525000000	0.785398163	-1.518436449									

6525000000	0.785398163	0.890117919	-4.551206534	2.714556583	0.641842684	0.96045323	0.3506544	1.8683389	1.1592691	1.2475137	0.6312462
6525000000	0.785398163	0.942477796	-2.574399496	1.37132636	0.393927721	1.196610218	0.5527898	1.3713005	1.0949462	1.3172282	0.350558
6525000000	0.785398163	0.994837674	-1.208682346	-0.771825258	0.986072785	1.417038541	0.7570626	0.8371774	1.2548947	1.3581805	0.2478779
6525000000	0.785398163	1.047197551	-0.568924215	-0.441483702	2.095252495	1.533753445	0.8772181	0.9033408	1.6200382	1.423527	0.8136079
6525000000	0.785398163	1.099557429	-0.734980078	1.705412146	2.6947769	1.479221445	0.8443101	1.4809528	1.859849	1.4057955	1.4542321
6525000000	0.785398163	1.151917306	-1.506361851	3.136477988	2.38129181	1.289430787	0.7069095	2.0589595	1.730331	1.345684	1.6449293
6525000000	0.785398163	1.204277184	-1.997909926	3.865953776	1.630404256	1.075677416	0.6312611	2.4355406	1.4555946	1.2810549	1.6162634
6525000000	0.785398163	1.256637061	-1.45812452	4.409820523	1.345552713	0.928648188	0.7148049	2.7604638	1.3631865	1.2384111	1.8161969
6525000000	0.785398163	1.308996939	-0.587234323	4.81450684	1.700960323	0.837151905	0.8735275	3.0300562	1.4794355	1.2125934	2.1719514
6525000000	0.785398163	1.361358617	-0.311184615	4.713950041	1.859847472	0.68451223	0.9308539	2.9607041	1.5345631	1.2175951	2.1727571
6525000000	0.785398163	1.413716694	-0.678842556	3.853419792	1.160548177	0.374081952	0.8552946	2.4285216	1.3063358	1.0899541	1.5229646
6525000000	0.785398163	1.466076572	-1.024272786	2.403344646	-0.201256778	-0.024340863	0.7899011	1.7391397	0.9547163	0.994411	0.9040409
6525000000	0.785398163	1.518436449	-0.672558577	1.160286097	-1.270073732	-0.282194824	0.8565331	1.3062569	0.7464361	0.9370883	-0.1701521
6525000000	0.785398163	1.570796327	0.21880954	0.927372342	-1.494910135	-0.235954483	1.0516736	1.2380473	0.708776	0.947119	-0.0594519
6525000000	0.785398163	1.623156204	0.743135262	1.277372716	-1.62092318	-0.025962241	1.1866251	1.3419529	0.6885059	0.9940398	0.2233801
6525000000	0.785398163	1.675516082	0.32864462	1.483704377	-2.490535698	0.013784242	1.07861	1.4072473	0.5635681	1.003179	0.5674243
6525000000	0.785398163	1.72787596	-0.760314162	1.39566025	-4.035268666	-0.312373554	0.8393993	1.3790056	0.3948873	0.9035991	-0.525796
6525000000	0.785398163	1.780235837	-1.551995308	1.110377925	-5.351601714	-0.87042801	0.6995205	1.2913316	0.2916351	0.8183841	-1.1057623
6525000000	0.785398163	1.832595715	-1.543060659	0.598832779	-6.040974258	-1.31232324	0.7009611	1.1478451	0.2488299	0.7392252	-1.4922189
6525000000	0.785398163	1.884955592	-1.40898046	-0.304121619	-6.509559943	-1.508336277	0.7229395	0.932369	0.2233799	0.7065882	-1.8955298
6525000000	0.785398163	1.93731547	-1.578431618	-1.620528962	-6.76025908	-1.696251248	0.6952754	0.6885684	0.2108502	0.6766668	-2.4577386
6525000000	0.785398163	1.989675347	-1.968945925	-2.810549678	-6.758876293	-2.073711658	0.6354852	0.5253542	0.2109174	0.6203386	-3.0314683
6525000000	0.785398163	2.0420353225	-2.776160676	-2.858604439	-7.0790474	-2.537047012	0.5276962	0.5177732	0.1959274	0.5575647	-3.4703812
6525000000	0.785398163	2.094395102	-4.027518652	-2.015225173	-8.111674853	-3.005374208	0.3955926	0.6287493	0.1544659	0.5005674	-3.7691228
6525000000	0.785398163	2.16475498	-4.700319588	-1.648567625	-9.36738149	-3.765378149	0.3388192	0.6841372	0.1177895	0.4202059	-4.0867046
6525000000	0.785398163	2.199114858	-4.792080903	-2.668386777	-9.699444335	-4.910797325	0.3317355	0.5409552	0.1071656	0.3227901	-4.8723342
6525000000	0.785398163	2.251474735	-5.713190773	-5.485064402	-9.957155272	-5.517437233	0.2683372	0.2828092	0.1009914	0.280790	-4.7328836
6525000000	0.785398163	2.303834613	-7.108747736	-8.290044628	-11.06019095	-4.758770633	0.1945921	0.1482503	0.0783395	0.3342897	-7.2384187
6525000000	0.785398163	2.35619449	-7.284465651	-6.374539172	-12.00833254	-3.866757915	0.186876	0.2304337	0.0629748	0.4105104	-6.5228225
6525000000	0.785398163	2.408543268	-6.920513572	-4.305085385	-11.2583615	-3.958539529	0.2032117	0.3711004	0.0748451	0.401926	-5.8042921
6525000000	0.785398163	2.460914245	-6.818037588	-4.369713499	-11.2221923	-4.954212276	0.2080637	0.3656189	0.0772286	0.3195794	-5.1068688
6525000000	0.785398163	2.513274123	-7.534195405	-7.198935394	-12.03899725	-5.944504577	0.1764333	0.1905928	0.0625318	0.254419	-6.76701861
6525000000	0.785398163	2.566534	-8.903033558	-12.67502163	-13.9262537	-6.17280519	0.128735	0.050493	0.0725667	0.229381	-9.2236158
6525000000	0.785398163	2.617993878	-8.369774067	-8.490762367	-11.18385562	-7.344257021	0.1455535	0.1415545	0.0761403	0.1843208	-8.6362109
6525000000	0.785398163	2.670353756	-7.981484364	-5.116345947	-13.7717731	-8.727128833	0.1591665	0.3078686	0.0419588	0.1340563	-7.9385118
6525000000	0.785398163	2.722713633	-8.761730133	-4.889678634	-17.37497237	-9.972171971	0.1329924	0.3243636	0.0183022	0.1006428	-8.4141057
6525000000	0.785398163	2.775073511	-7.954634511	-6.227578373	-19.85217648	-10.10134799	0.1601535	0.2383648	0.0103462	0.0976938	-8.9743082
6525000000	0.785398163	2.827433388	-7.716453829	-8.043412144	-23.46482013	-9.580739611	0.1691822	0.1561929	0.0045032	0.1101352	-9.3578836
6525000000	0.785398163	2.879793266	-8.698321528	-10.66188564	-18.23541537	-9.303791502	0.1349484	0.0858641	0.0150127	0.1138792	-10.54024
6525000000	0.785398163	2.932153143	-8.345257359	-13.67394208	-16.63720589	-9.657752204	0.1463775	0.0429147	0.021691	0.1071984	-10.980209
6525000000	0.785398163	2.984513021	-8.93325036	-15.67152992	-18.6397084	-10.89576398	0.1278424	0.0270924	0.0136782	0.0813624	-12.041628
6525000000	0.785398163	3.036872899	-12.29561852	-16.94479723	-21.1604773	-13.32406374	0.0589438	0.0207099	0.0076546	0.0471637	-14.7617602
6525000000	0.785398163	3.089232776	-15.64639286	-19.53502879	-21.66721563	-17.18007393	0.0272496	0.0113101	0.0068121	0.0191422	-17.936196
6525000000	0.785398163	3.141592654	-17.03597988	-21.74376253	-21.05199222	-19.75045071	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.837758041	3.141592654	-17.03598038	-21.74376267	-21.05199192	-19.75045085	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.837758041	3.089232776	-18.35023458	-13.35875577	-22.09782058	-17.15566271	0.014621	0.0461451	0.006169	0.0192501	-16.6662281
6525000000	0.837758041	3.036872899	-15.23196854	-10.64992643	-22.54449805	-14.02896386	0.029978	0.0861008	0.0055661	0.0395461	-13.947191
6525000000	0.837758041	2.984513021	-12.5921422	-10.51435335	-18.9982909	-12.14763132	0.0550536	0.088831	0.0125942	0.0609869	-12.646691
6525000000	0.837758041	2.932153143	-11.85157449	-9.62802413	-17.70390695	-11.64790132	0.0652894	0.1089426	0.0169461	0.0684422	-11.877516
6525000000	0.837758041	2.879793266	-11.48943642	-9.246250287	-18.56669675	-11.57824609	0.070967	0.1189529	0.0139101	0.0695305	-11.653243
6525000000	0.837758041	2.827433388	-11.06282796	-10.58773988	-19.35014417	-11.20368384	0.078292	0.0873426	0.0116141	0.0757942	-11.9886539
6525000000	0.837758041	2.775073511	-10.85148871	-11.86892381	-21.70249399	-10.98262769	0.0821961	0.0650291	0.0067569	0.0797512	-12.333394
6525000000	0.837758041	2.722713633	-11.31183323	-10.74929981	-22.30433141	-10.84987984	0.0739293	0.0841531	0.0058826	0.0822655	-12.107869
6525000000	0.837758041	2.670353756	-12.81003773	-7.443557854	-16.3564083	-10.40298274	0.0523596	0.1801541	0.0231398	0.0911385	-10.61991
6525000000	0.837758041	2.617993878	-9.331798657	-5.338395722	-13.54917381	-9.614691222	0.1166326	0.2952533	0.0441654	0.0927775	-8.5186111
6525000000	0.837758041	2.566534	-5.803341864	-5.451210717	-12.67754363	-8.655605269	0.2628245	0.2850224	0.0539816	0.1362283	-7.3398347
6525000000	0.837758041	2.513274123	-5.166915121	-6.803035887	-12.36211683	-7.905370539	0.3043046	0.2087836	0.0580481	0.161906	-7.3693039
6525000000	0.837758041	2.460914245	-5.912047966	-7.378647549	-12.25687097	-7.447375702	0.2563275	0.182867	0.059472	0.1799958	-7.7040624
6525000000	0.837758041	2.40854368	-5.85349671	-7.117202079	-12.40098832	-6.983791325	0.2598067	0.1942137	0.0575309	0.2002723	-7.4968764
6525000000	0.837758041	2.35619449	-5.682207741	-6.616957864	-12.46454976	-6.348505404	0.2702584	0.2179236	0.056695	0.2318192	-7.1180878
6525000000	0.837758041	2.30384613	-5.942865346	-6.129196015	-12.03985	-5.760259677	0.254515	0.2438262	0.0625194	0.2654447	-6.8491941
6525000000	0.837758041	2.251474735	-4.941080589	-6.28834302	-11.3360493	-5.60491919	0.3205472	0.2350529	0.0735182	0.2751111	-6.4578136
6525000000	0.837758041	2.199114858	-3.480868791	-6.713354939	-10.78558193	-6.047688451	0.4486556	0.2131398	0.083453	0.2484455	-6.0480737
6525000000	0.837758041	2.14675498	-3.16983956	-6.484045111	-10.17709512	-6.799867831	0.4819656	0.2246961	0.0960043	0.208936	-5.7505035
6525000000	0.837758041	2.094395102	-3.377639543	-6.370987603	-9.072902003	-7.05773557	0.4594477	0.2306223	0.1236175	0.1968913	-5.9749881
6525000000	0.837758041	2.0420353225	-2.751179141	-6.961311101	-9.758636792	-6.258983131	0.5307403	0.2061316	0.160006	0.2366474	-5.494794
6525000000	0.837758041	1.989675347	-1.940949944	-6.940452822	-7.339403772	-5.077675632	0.6395949	0.2022808	0.1845629	0.3106222	-4.7592053
6525000000	0.837758041	1.93731547	-1.9								

6525000000	0.837758041	0.471238898	-12.55227002	-0.187208471	-5.046998613	-4.037323035	0.05555614	0.9578095	0.3128241	0.3947005	-3.663055
6525000000	0.837758041	0.523598776	-9.898289881	-1.021763989	-3.274610462	-3.669249791	0.1023696	0.7903575	0.4704776	0.4296106	-3.4852442
6525000000	0.837758041	0.575958653	-7.579200966	-1.438831959	-2.356554644	-3.013997392	0.1746143	0.7179874	0.5812253	0.4995745	-3.0684453
6525000000	0.837758041	0.628318531	-6.360573411	-0.922515746	-2.218443946	-2.119450744	0.231176	0.8086273	0.600006	0.6138396	-2.4917372
6525000000	0.837758041	0.680678408	-5.608435467	-0.748131677	-1.914653587	-1.122425386	0.2748884	0.8417572	0.6434794	0.7722492	-1.9853211
6525000000	0.837758041	0.733038286	-5.309352303	-0.458482268	-0.795560248	-0.223905339	0.2944861	0.899812	0.8326145	0.9497504	-1.2833034
6525000000	0.837758041	0.785398163	-5.841038893	1.191534672	0.515455155	0.454881408	0.260553	1.3156897	1.1260185	1.1042222	-0.2082925
6525000000	0.837758041	0.837758041	-6.226458632	2.814615851	1.11397325	0.937447656	0.2384263	1.9118842	1.2924011	1.2409228	0.68523
6525000000	0.837758041	0.890117919	-4.919279676	3.022195779	0.892462618	1.321996532	0.3221603	2.0054857	1.2281355	1.3558126	0.8916248
6525000000	0.837758041	0.942477796	-3.087764492	1.406673824	0.632798018	1.683880422	0.4911606	1.3825071	1.1568573	1.4736286	-0.5155321
6525000000	0.837758041	0.994837674	-1.841409323	-1.548244231	1.220848143	2.010970919	0.6544238	0.700125	1.3246002	1.5889919	0.281696
6525000000	0.837758041	1.047197551	-1.317167035	-1.838517941	2.319789225	2.208193423	0.7383857	0.6548596	1.7059996	1.6627208	0.7572628
6525000000	0.837758041	1.099557429	-1.565122129	0.697320826	2.899412436	2.186766046	0.6974094	1.174173	1.9495808	1.6545375	1.3637971
6525000000	0.837758041	1.151917306	-2.375920501	2.378363523	2.566054232	1.97291199	0.5786393	1.7291647	1.805533	1.5750386	1.5292827
6525000000	0.837758041	1.204277184	-2.837738091	3.220291796	1.8025134	1.713279727	0.5202669	2.0990809	1.5144374	1.4836381	1.4747716
6525000000	0.837758041	1.256637061	-2.200148571	3.861015229	1.507710265	1.550023879	0.602539	2.4327726	1.4150475	1.4289018	1.6726275
6525000000	0.837758041	1.308996939	-1.238895455	4.371074943	1.844204498	1.483820061	0.7518141	2.7359458	1.5290456	1.4072848	0.575165
6525000000	0.837758041	1.361356817	-0.938002832	4.367341006	1.975954168	1.358284162	0.8057489	2.7335946	1.5761423	1.3671886	2.0969421
6525000000	0.837758041	1.413716694	-1.37555137	3.62634351	1.250112972	1.042102423	0.7285257	2.3048059	1.3335561	1.2711893	1.4907101
6525000000	0.837758041	1.466076572	-1.877362282	2.406953616	-0.11994255	0.62829544	0.6490285	1.7405855	0.9727601	1.1556586	0.5288938
6525000000	0.837758041	1.518436449	-1.658798901	1.538161313	-1.150653456	0.368362885	0.6825274	1.4250042	0.767246	1.0885197	-0.0400334
6525000000	0.837758041	1.570796327	-0.75591685	1.592051516	-1.3026329	0.366898693	0.8402496	1.4427967	0.7409329	1.0881526	1.0206611
6525000000	0.837758041	1.623156204	-0.148589619	2.023190258	-1.36868101	0.415772747	0.9663647	1.5933788	0.7296791	1.1004676	0.4039366
6525000000	0.837758041	1.675516082	-0.503718001	2.233001927	-2.232524755	0.211017956	0.8904883	1.6722461	0.5993045	1.0497885	0.2241056
6525000000	0.837758041	1.72787596	-1.579395018	2.128479909	-0.338513333	-0.338513333	0.6951211	1.6324805	0.4143443	0.9250152	-0.3773569
6525000000	0.837758041	1.780235837	-2.392123533	1.756248497	-5.230772844	-1.02553696	0.5764845	1.4983899	0.2986929	0.7896712	-1.0176744
6525000000	0.837758041	1.832595715	-2.375482304	1.001152423	-5.948070404	-1.568258057	0.5786977	1.2592595	0.2542102	0.696906	-1.5660074
6525000000	0.837758041	1.884955592	-2.138634603	-0.372586463	-6.532700758	-1.961091052	0.6111341	0.9177858	0.2221928	0.6366356	-2.2407145
6525000000	0.837758041	1.93731547	-2.099758256	-2.402743635	-7.134715964	-2.418328107	0.6166293	0.5750765	0.193432	0.5730165	-3.1021237
6525000000	0.837758041	1.989675347	-2.292695034	-4.154798727	-7.363193143	-3.004227935	0.589349	0.3841671	0.1835189	0.5006996	-3.8241773
6525000000	0.837758041	2.042035225	-3.060236165	-3.94206671	-7.415803311	-3.544447824	0.4942838	0.4043534	0.1813091	0.4421353	-4.1987892
6525000000	0.837758041	2.094395102	-4.444166028	-2.78789308	-7.959999197	-4.033657211	0.3594044	0.5262725	0.1599558	0.3950338	-4.4349651
6525000000	0.837758041	2.14675498	-5.359341148	-2.507609387	-8.911518624	-4.757927401	0.2911159	0.5613569	0.1284837	0.3343546	-4.8303152
6525000000	0.837758041	2.199114858	-5.596941444	-3.879482258	-9.442862077	-5.493449033	0.2756169	0.4093095	0.1136878	0.2822637	-5.6828336
6525000000	0.837758041	2.251474735	-6.247289218	-7.144299229	-9.837611859	-5.218134189	0.2372854	0.1930057	0.1038099	0.3007368	-6.8045788
6525000000	0.837758041	2.303834613	-6.739134401	-8.6271636436	-11.138646361	-4.023847774	0.2118783	0.1371628	0.0769403	0.3959721	-6.8723652
6525000000	0.837758041	2.35619449	-6.700356456	-5.527728335	-11.89332172	-3.211809257	0.2137787	0.2800446	0.0646648	0.4773304	-5.8677637
6525000000	0.837758041	2.408554368	-7.064104812	-3.770025764	-10.33026784	-3.464601471	0.1966027	0.4197565	0.0926773	0.4053393	-5.3768577
6525000000	0.837758041	2.460914245	-7.217422677	-4.349051689	-9.746393636	-4.649271411	0.1897832	0.3673625	0.1060134	0.3428253	-5.9946876
6525000000	0.837758041	2.513271223	-7.691895909	-7.964637342	-10.62598147	-6.025958147	0.1701416	0.1597851	0.0879654	0.2496917	-5.5758423
6525000000	0.837758041	2.565634	-9.458669711	-14.47096504	-10.09671927	-7.171375091	0.1132747	0.0357193	0.0977976	0.1918061	-5.9599356
6525000000	0.837758041	2.617939878	-9.093343189	-8.292291693	-8.069932948	-8.518864394	0.1232156	0.1481736	0.1034002	0.1406415	-8.9019296
6525000000	0.837758041	2.670353756	-8.100717571	-4.920931096	-12.37825791	-10.19847693	0.1548561	0.3220378	0.0578328	0.0955328	-8.0254062
6525000000	0.837758041	2.722713633	-8.726752219	-4.598722015	-16.61057771	-11.39227923	0.1340679	0.3638389	0.0218244	0.0725725	-8.4216284
6525000000	0.837758041	2.775073511	-8.233201977	-5.589412991	-19.30836738	-11.34764989	0.1502034	0.2760951	0.0117264	0.0733221	-8.9334428
6525000000	0.837758041	2.827433388	-7.961380648	-7.170432863	-21.65769082	-10.68326692	0.159905	0.1918478	0.006827	0.0854424	-9.546554
6525000000	0.837758041	2.879793266	-8.75447614	-9.923661918	-17.4846252	-10.06980984	0.1332148	0.1017733	0.0178459	0.0984054	-10.564568
6525000000	0.837758041	2.932153143	-8.26224648	-13.39141726	-16.02292014	-10.04048825	0.1492022	0.0457992	0.0249866	0.0990721	-10.981875
6525000000	0.837758041	2.984513021	-8.774489055	-15.75819827	-18.09992018	-11.12330866	0.1326023	0.0265571	0.0154885	0.0772092	-12.009059
6525000000	0.837758041	3.036872899	-12.14577551	-16.97094863	-21.095447216	-13.60782941	0.061013	0.020865	0.0077706	0.043573	-14.800306
6525000000	0.837758041	3.089232776	-15.72006225	-19.43360086	-21.69122604	-17.45067512	0.0267913	0.011393	0.0067744	0.0179859	-18.031508
6525000000	0.837758041	3.141592654	-17.03598038	-21.74376267	-21.05199192	-19.75045085	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.837758041	3.191526554	-17.03598014	-21.74376248	-21.05199218	-19.75045052	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.890117919	-3.089232776	-18.33766379	-13.33112348	-22.11097484	-17.122352	0.0146634	0.0464395	0.0061504	0.0193984	-16.642833
6525000000	0.890117919	-3.036872899	-15.42166179	-10.63459983	-22.54135855	-13.94676856	0.0286968	0.0864052	0.0055701	0.0403017	-19.535407
6525000000	0.890117919	-2.984513021	-12.95601384	-10.46256945	-19.29118802	-11.96090741	0.0506289	0.0898966	0.0117728	0.0636662	-12.67675
6525000000	0.890117919	-2.932153143	-12.55199355	-9.51785345	-18.48050183	-11.28585597	0.0555649	0.1117415	0.0141889	0.0473278	-11.940437
6525000000	0.890117919	-2.879793266	-12.50924946	-9.082464234	-20.40288121	-11.29202119	0.0561145	0.1235246	0.0090764	0.0742673	-11.821326
6525000000	0.890117919	-2.827433388	-11.93831316	-10.35108962	-21.29571727	-11.56896129	0.0639983	0.092234	0.0074204	0.0696793	-12.340856
6525000000	0.890117919	-2.775073511	-10.62830535	-11.90256316	-21.94663555	-12.14534505	0.0865306	0.0645273	0.0063876	0.0610191	-12.626791
6525000000	0.890117919	-2.722713633	-9.143341515	-11.3230002	-21.51919187	-12.51326743	0.1218052	0.0737395	0.0070482	0.0506266	-11.893382
6525000000	0.890117919	-2.70535756	-9.257696378	-7.934099517	-16.78077197	-12.0900421	0.1186398	0.1609126	0.0209857	0.061801	-10.429448
6525000000	0.890117919	-2.617939878	-9.107776796	-5.67155411	-14.3083934	-10.53824889	0.1228086	0.2709222	0.0370818	0.0883436	-8.8676348
6525000000	0.890117919	-2.565634	-6.971751584	-5.609774079	-13.68173681	-8.531645867	0.2008283	0.2748037	0.0428377	0.1402282	-7.833737
6525000000	0.890117919	-2.513274123	-6.048049839	-6.628192124	-13.2897153	-7.102930091	0.2484248	0.2173606	0.0467846	0.194853	-7.5238084
6525000000	0.890117919	-2.4660914245	-6.282563876	-7.029008189	-12.75979248	-6.34697216	0.2353659	0.198198	0.0529689	0.2319011	-7.456732
6525000000	0.890117919	-2.408554368	-6.038470384	-6.918020244	-12.62154909	-5.934368664	0.2489734	0.2033284	0.0546821	0.250135	-7.2010654
6525000000	0.890117919										

6525000000	0.890117919	0.052359878	-10.90304154	-5.577113764	-13.57530445	-7.781926696	0.0812261	0.2768781	0.0439005	0.1666508	-8.4721072
6525000000	0.890117919	0.104719755	-10.16015771	-4.663097085	-12.65712986	-7.229977473	0.0963794	0.3417357	0.0542359	0.1892353	-7.6853913
6525000000	0.890117919	0.157079633	-11.34890148	-5.103241881	-12.54084994	-6.185556851	0.073301	0.3087989	0.0557077	0.2406824	-7.7051654
6525000000	0.890117919	0.20943951	-15.96219019	-5.34383304	-11.21292294	-5.003651098	0.0253835	0.2921753	0.0756324	0.3159622	-7.5135853
6525000000	0.890117919	0.261799388	-17.22711925	-4.225467827	-9.23878072	-4.22049204	0.018936	0.3779664	0.1191576	0.3739997	-6.5049918
6525000000	0.890117919	0.314159265	-13.8373019	-2.924291964	-8.06878117	-4.037460026	0.0413304	0.5100007	0.1559955	0.3946881	-5.5987258
6525000000	0.890117919	0.366519143	-13.08035596	-1.493554592	-7.70108417	-4.240379087	0.0491999	0.7989972	0.169782	0.3766709	-4.8656596
6525000000	0.890117919	0.41887902	-13.45794006	-0.256163934	-6.97403658	-4.381870557	0.0451031	0.9427219	0.2007226	0.3645969	-4.1084813
6525000000	0.890117919	0.471238898	-13.0538915	-0.070122202	-5.24707082	-4.162941396	0.0495006	0.9839834	0.2987391	0.3834475	-3.6762607
6525000000	0.890117919	0.525398776	-10.63969505	-0.842663914	-3.39079884	-3.640176646	0.0863039	0.8236328	0.4580587	0.4324962	-3.466689
6525000000	0.890117919	0.575958653	-8.310181558	-1.064143617	-2.396708286	-3.001733863	0.1475645	0.7826825	0.5758763	0.5009872	-2.9948872
6525000000	0.890117919	0.628318531	-6.985640511	-0.360242262	-2.194426511	-2.302240205	0.200187	0.9203982	0.6033334	0.58854	-2.3798602
6525000000	0.890117919	0.680678408	-5.986672383	-0.173844282	-1.834351793	-1.499820912	0.2519607	0.9607615	0.6554881	0.707975	-1.9108291
6525000000	0.890117919	0.733038286	-5.376930495	-0.111563779	-0.665899476	-0.658724669	0.2899392	0.9746386	0.8578474	0.8592658	-1.2759735
6525000000	0.890117919	0.785398163	-5.687021343	1.345005149	0.675818684	0.082593157	0.269959	1.3630146	1.168374	1.0191998	-0.199344
6525000000	0.890117919	0.837758041	-6.13790628	3.017364293	1.279553092	0.664449781	0.2433377	2.0032559	1.3426268	1.1653194	0.7504849
6525000000	0.890117919	0.890117919	-5.116861845	3.382602815	1.045652123	1.131946821	0.307832	2.1790153	1.2722288	1.2977609	1.0181896
6525000000	0.890117919	0.942477796	-3.429729681	2.038768384	0.770506165	1.558477768	0.4539699	1.5991045	1.1941273	1.431686	0.6808262
6525000000	0.890117919	0.994837674	-2.244738718	-0.530422195	1.350687551	1.940297508	0.5963842	0.8850296	1.3647992	1.5632547	0.4232617
6525000000	0.890117919	1.047197551	-1.741226135	-1.209175559	2.439576437	2.166312728	0.6696955	0.7569766	1.7537095	1.6467637	0.8163037
6525000000	0.890117919	1.099557429	-1.961216017	0.695293526	3.004907692	2.116581352	0.6366172	1.173625	1.9975183	1.628014	1.3320145
6525000000	0.890117919	1.151917306	-2.724039565	2.045150367	2.66078202	1.808611317	0.5340674	1.6014561	1.8453477	1.5165654	1.3810023
6525000000	0.890117919	1.204277184	-3.197002402	2.560288869	1.895057967	1.435072596	0.4789606	1.8031377	1.5470552	1.3915771	1.1567128
6525000000	0.890117919	1.256637061	-2.645161282	2.910429327	1.600678339	1.209096201	0.5438559	1.9545327	1.4456656	1.3210207	1.1934456
6525000000	0.890117919	1.308996939	-1.757582424	3.292734941	1.927461933	1.144935711	0.6671781	2.1343886	1.5586413	1.301648	1.5089883
6525000000	0.890117919	1.361356817	-1.529328705	3.284745565	2.04358028	1.03159323	0.703181	2.1304657	1.6008772	1.268117	1.5401604
6525000000	0.890117919	1.413716694	-2.088252406	2.6091947	1.306532586	0.69358843	0.6182651	1.8235575	1.3510246	1.1731643	0.9394774
6525000000	0.890117919	1.466076572	-2.729877813	1.596089298	-0.062700884	0.235525698	0.5333499	1.4441388	0.9856663	1.0557293	0.0204551
6525000000	0.890117919	1.518436449	-2.556381568	1.152644793	-1.070615877	-0.064937554	0.555088	1.3039606	0.781517	0.9851588	-0.426652
6525000000	0.890117919	1.570796327	-1.589436713	1.611182677	-1.175484642	-0.121003897	0.6935158	1.4491664	0.7628718	0.9725224	-0.1344364
6525000000	0.890117919	1.623156204	-0.890882201	2.226538805	-1.87327191	-0.17769512	0.8145388	1.6697593	0.7607944	0.959909	0.2170626
6525000000	0.890117919	1.675516082	-1.1532614	2.471687893	-2.007059816	-0.541884275	0.7667854	1.7667243	0.6299325	0.8826968	0.0498082
6525000000	0.890117919	1.72787956	-2.140778384	2.328603763	-3.65200732	-1.26010832	0.6108325	1.7094656	0.4313197	0.7481580	-0.5802065
6525000000	0.890117919	1.780235837	-2.960824596	1.85322113	-5.181285679	-2.064556699	0.5057286	1.5322235	0.3032993	0.6216477	-1.3034313
6525000000	0.890117919	1.832595715	-3.086700848	0.873923646	-5.951894589	-2.668173084	0.4912809	1.222904	0.2539864	0.5409818	-2.0253281
6525000000	0.890117919	1.884955592	-2.953248875	-0.980658311	-6.579971969	-3.086324466	0.5066116	0.7978737	0.2197874	0.9413235	-2.9765645
6525000000	0.890117919	1.93731547	-2.872951592	-3.964223752	-7.476587998	-3.461304382	0.5160655	0.4014002	0.1787892	0.4506813	-4.1258758
6525000000	0.890117919	1.989675347	-2.969219658	-6.500028419	-8.082242927	-3.769436788	0.504752	0.2238706	0.1555162	0.4198134	-0.8679829
6525000000	0.890117919	2.042035225	-3.690658061	-5.181447382	-7.963437613	-3.950903409	0.4274981	0.303288	0.1597958	0.4026333	-4.9038921
6525000000	0.890117919	2.094395102	-4.976273908	-3.276007312	-8.013440074	-4.191835053	0.3179601	0.4703263	0.1579996	0.3809408	-3.7812662
6525000000	0.890117919	2.14675498	-5.710449123	-2.937100563	-8.685310414	-4.677858281	0.2685067	0.5084988	0.1353533	0.3405761	-5.0431438
6525000000	0.890117919	2.199114858	-5.914434478	-4.475992773	-9.173517098	-4.974338822	0.2561867	0.3567802	0.1193395	0.3810108	-5.807019
6525000000	0.890117919	2.251474735	-6.315414078	-7.509291	-9.649249545	-4.409527495	0.2359323	0.1774479	0.1084114	0.3622826	-6.5672236
6525000000	0.890117919	2.303834613	-6.170776308	-7.470017629	-10.95878244	-3.459172231	0.2415029	0.1790599	0.0801903	0.4592024	-6.9374819
6525000000	0.890117919	2.35619449	-6.089037625	-4.629484436	-11.44138821	-3.074274957	0.2460913	0.3443908	0.0717565	0.4926886	-5.390539
6525000000	0.890117919	2.408554368	-7.128391628	-3.514016863	-9.42009215	-3.718974514	0.1937139	0.4452442	0.1142854	0.4247198	-5.3908219
6525000000	0.890117919	2.460914245	-7.664322147	-4.703928981	-8.648629661	-5.278189405	0.1712252	0.3385377	0.1365014	0.2966068	-6.2760765
6525000000	0.890117919	2.513274123	-7.829607063	-8.971470584	-9.563212843	-6.987456019	0.1648516	0.1267223	0.1105805	0.2001034	-8.2227574
6525000000	0.890117919	2.565634	-9.697704519	-14.28996486	-9.429872394	-8.256336575	0.1072086	0.0372395	0.1140283	0.1494054	-8.9125568
6525000000	0.890117919	2.617993878	-9.600620744	-8.144560892	-9.160184091	-9.485736528	0.1096321	0.1533006	0.1213337	0.112571	-9.0584565
6525000000	0.890117919	2.670353756	-8.195794758	-5.238419078	-11.47107892	-10.84346912	0.1515028	0.2993354	0.0712676	0.088248	-8.2066991
6525000000	0.890117919	2.722713633	-8.682422222	-4.810009113	-15.87682277	-11.66043622	0.1354434	0.3303688	0.0258415	0.068227	-8.5396446
6525000000	0.890117919	2.775073511	-8.487580793	-5.276056751	-18.62001996	-11.58679216	0.1416583	0.2967525	0.0137404	0.0693938	-8.8476829
6525000000	0.890117919	2.827433388	-8.258381478	-6.503932072	-18.82224043	-11.12192756	0.1493351	0.2236695	0.0104178	0.0727338	-9.3868306
6525000000	0.890117919	2.879793266	-8.887320182	-9.30480891	-16.69741214	-10.47878903	0.1292016	0.1173597	0.0213924	0.0895594	-10.487681
6525000000	0.890117919	2.932153143	-8.212553993	-13.14909878	-15.53125136	-10.27746361	0.1509192	0.0484273	0.0279817	0.093811	-10.535666
6525000000	0.890117919	2.984513021	-8.628966097	-15.89051434	-17.6619033	-11.32932734	0.1371208	0.0257602	0.0171321	0.0736321	-11.978334
6525000000	0.890117919	3.036872899	-11.99795303	-17.02047423	-20.9839805	-13.92122643	0.0631255	0.0198588	0.0079726	0.0405394	-14.831465
6525000000	0.890117919	3.089232776	-15.79322351	-19.35022047	-21.70992205	-17.74076099	0.0263438	0.0116139	0.0067594	0.0168238	-18.128966
6525000000	0.890117919	3.141592654	-17.03598014	-21.74376248	-21.05199218	-19.75045052	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.942477796	-3.141592654	-17.03597972	-21.74376265	-21.05199203	-19.75045083	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	0.942477796	-3.089232776	-18.33296945	-13.31439446	-22.12608947	-17.09266369	0.0146792	0.0066187	0.0061229	0.0195314	-16.6274839
6525000000	0.942477796	-3.036872899	-15.67211982	-10.60776015	-22.50909919	-13.8852277	0.0270887	0.0869409	0.0056118	0.0408768	-13.965338
6525000000	0.942477796	-2.984513021	-13.41973861	-10.37876578	-19.55318469	-11.79314945	0.0455015	0.0916481	0.0110836	0.0661736	-12.708212
6525000000	0.942477796	-2.932153143	-13.49723052	-9.402465953	-19.26611666	-10.93641233	0.0446969	0.1147502	0.011841	0.0806044	-12.008449
6525000000	0.942477796	-2.879793266	-14.11886266	-8.911888362	-22.74831383	-10.98522937	0.0387359	0.1284728	0.0053109	0.0797034	-12.0027452
6525000000	0.942477796	-2.827433388	-13.34861116	-10.04572429	-22.740760246	-11.84760246	0.0462529	0.0989527	0.0053208	0.0653491	-12.678567
6525000000	0.942477796	-2.									

6525000000	0.942477796	-0.366519143	-3.20652016	-6.307310174	-4.33978044	-6.668083912	0.4779121	0.2340286	0.3681476	0.2153732	-4.896355
6525000000	0.942477796	-0.314159265	-4.905412418	-7.520325705	-5.456943579	-7.250850038	0.3231906	0.1769976	0.2846464	0.188328	-6.1387456
6525000000	0.942477796	-0.261799388	-5.533857473	-9.042652723	-7.709282484	-8.497599156	0.2796466	0.1246533	0.1694618	0.1413319	-7.4769531
6525000000	0.942477796	-0.20949351	-4.995311795	-10.96162002	-9.84297711	-9.699264354	0.3165693	0.0801379	0.1036817	0.1071071	-8.1847151
6525000000	0.942477796	-0.157079633	-4.948918416	-10.54315913	-10.81610049	-9.784723984	0.3199692	0.0882438	0.0828686	0.1051808	-8.266947
6525000000	0.942477796	-0.104719755	-5.815406268	-8.091558306	-12.712776	-9.031557743	0.2620954	0.155183	0.0535454	0.1249811	-8.2695593
6525000000	0.942477796	-0.052359878	-7.610983037	-7.076931161	-17.54885342	-8.360923743	0.1733412	0.1066229	0.0175839	0.1458504	-8.7549711
6525000000	0.942477796	-4.44E-16	-10.05032966	-6.832428957	-17.53426559	-8.017967848	0.0988478	0.2073753	0.017643	0.157835	-9.1928231
6525000000	0.942477796	0.052359878	-10.92244307	-5.589854767	-13.62743129	-7.760754109	0.0808641	0.276607	0.0433767	0.1764652	-8.4788522
6525000000	0.942477796	0.104719755	-10.25879597	-4.725964232	-12.80163275	-7.224188132	0.0942151	0.3368244	0.052461	0.1894878	-7.7405248
6525000000	0.942477796	0.157079633	-11.46559801	-5.279040152	-12.82213784	-6.229042615	0.0713576	0.2965487	0.0522139	0.2382845	-7.835671
6525000000	0.942477796	0.20943951	-15.64997654	-5.625906765	-11.58380174	-5.094495932	0.0272272	0.2737848	0.0694415	0.3094214	-7.6963097
6525000000	0.942477796	0.261799388	-16.7817377	-4.425747719	-9.617897806	-4.346131243	0.020981	0.3609319	0.1091969	0.3676096	-6.6820873
6525000000	0.942477796	0.314159265	-14.250516	-3.030928296	-8.451368263	-4.195086745	0.0375793	0.4976307	0.1428444	0.3806198	-5.7729769
6525000000	0.942477796	0.366519143	-13.7201926	-1.556591128	-8.055951532	-4.398683299	0.0424601	0.6987807	0.1564605	0.3631882	-5.0138298
6525000000	0.942477796	0.41887902	-13.80136342	-0.27410319	-7.250360255	-4.408268299	0.0416739	0.9388359	0.1883493	0.3623875	-4.1701489
6525000000	0.942477796	0.471238889	-13.16771446	-0.029410898	-5.453483975	-3.891804032	0.0482201	0.9932508	0.2848732	0.4081498	-3.6288721
6525000000	0.942477796	0.523598776	-10.98830409	-0.689083091	-3.522736962	-3.083368304	0.079647	0.8532802	0.4443511	0.4916581	-3.3046545
6525000000	0.942477796	0.575958563	-8.866049367	-0.677030112	-2.463832648	-2.367899889	0.129836	0.8565166	0.5670451	0.579709	-2.7323255
6525000000	0.942477796	0.628318531	-7.593672459	0.195747727	-2.20824099	-1.857481109	0.1740335	0.4061038	0.5996773	0.6520064	-2.0904298
6525000000	0.942477796	0.680678408	-6.402447303	0.32219573	-1.83276655	-1.399535642	0.2289577	0.1077006	0.6557274	0.7245134	-1.7292033
6525000000	0.942477796	0.730398286	-5.490246339	-0.060351367	-0.627886338	-0.849049632	0.282472	0.9861993	0.865389	0.8224226	-1.3128463
6525000000	0.942477796	0.785398163	-5.554834524	1.027335903	0.744703518	-0.246715205	0.2783021	1.2668745	1.1870537	0.9447752	-0.36656571
6525000000	0.942477796	0.837758041	-5.970930818	2.853827988	1.35898889	0.286910725	0.2528756	1.9292246	1.3674104	1.0682947	0.6237563
6525000000	0.942477796	0.890117919	-5.180765259	3.574927589	1.119601239	0.707624835	0.3033357	2.2776803	1.294077	1.1769621	0.1450408
6525000000	0.942477796	0.942477796	-3.63062912	2.804219815	0.834519639	1.058870277	0.4334481	1.9073131	1.2118586	1.2761068	0.8172667
6525000000	0.942477796	0.994837674	-2.438224807	1.186421117	1.410378991	1.357147067	0.5703974	1.3141414	1.3836871	1.3668306	0.6399505
6525000000	0.942477796	1.047197551	-1.840482082	0.747187818	2.494864393	1.510253882	0.6546535	1.1877329	1.7761778	1.4158765	0.9988348
6525000000	0.942477796	1.09557429	-1.905640374	1.83065606	3.056890837	1.387443126	0.6448162	1.524283	2.0215714	1.3763989	1.4356665
6525000000	0.942477796	1.151917306	-2.505510024	2.571324022	2.716693262	0.979711616	0.5616283	1.8077252	1.8692583	1.253058	1.3764442
6525000000	0.942477796	1.204277184	-2.949241646	2.527092763	1.961585328	0.485401667	0.5070792	1.7894076	1.5709361	1.182302	0.9564008
6525000000	0.942477796	1.256637061	-2.567515814	2.24014231	1.673624902	0.19314776	0.5536667	1.6749978	1.4701529	1.0454777	0.74117
6525000000	0.942477796	1.861909947	-1.861909947	2.143306886	1.994635965	0.201733629	0.6513419	1.6380633	1.5829369	1.0745666	0.8989529
6525000000	0.942477796	1.361356817	-1.751132354	1.91962937	2.106610897	0.291799437	0.6681697	1.5558328	1.6242807	1.0694979	0.8970921
6525000000	0.942477796	1.413716694	-2.409930365	1.185629326	1.378934428	0.211085002	0.5741257	1.3139019	1.3737049	1.0498047	0.3257214
6525000000	0.942477796	1.466076572	-3.11994218	0.284444768	0.0248847145	-0.023981083	0.487535	1.0676145	1.0057377	0.9944934	-0.5117739
6525000000	0.942477796	1.518436449	-2.930240232	0.211738052	-0.978329579	-0.207437175	0.5093027	1.0499625	0.7983017	0.9535858	-0.8211058
6525000000	0.942477796	1.570796327	-1.945966151	1.05171619	-1.074619248	-0.23275988	0.6388566	1.2740064	0.7807969	0.9478159	-0.4078256
6525000000	0.942477796	1.623156204	-1.239167291	1.833729448	-1.047594717	-0.255344355	0.751767	1.5253631	0.7856706	0.9428996	0.0061833
6525000000	0.942477796	1.672516082	-1.442366895	2.068083399	-1.818756404	-0.545762052	0.7174032	1.609935	0.6578462	0.881909	-0.4675788
6525000000	0.942477796	1.72787596	-2.33235852	1.811040096	-3.48721163	-1.190776247	0.5844726	1.5173137	0.4480008	0.7601904	-0.8222182
6525000000	0.942477796	1.780235837	-3.183161537	1.173898666	-5.159683236	-1.985924901	0.4804894	1.3103577	0.3048117	0.6330055	-1.6610986
6525000000	0.942477796	1.832595715	-3.585544081	-0.030427132	-5.993172337	-2.621243431	0.4379712	0.9930184	0.2515839	0.5468594	-2.538665
6525000000	0.942477796	1.884955592	-3.771490822	-2.331548284	-6.574357957	-2.965418994	0.4196149	0.5845816	0.2200717	0.5051939	-3.6414893
6525000000	0.942477796	1.93731547	-3.847005286	-6.409243944	-7.067302611	-3.092681341	0.4123818	0.2285997	0.1734881	0.4960649	-4.854247
6525000000	0.942477796	1.989675347	-3.942795697	-9.584060176	-8.606298965	-3.156215474	0.4033856	0.110051	0.1378384	0.4834799	-5.4717129
6525000000	0.942477796	2.042035225	-4.566077715	-6.073725742	-8.432168592	-3.345321538	0.3494558	0.2469605	0.1434773	0.4628794	-5.2187635
6525000000	0.942477796	2.094395102	-5.447469747	-3.53493886	-8.02538191	-3.809335352	0.285268	0.4431045	0.1575673	0.4159743	-4.8747768
6525000000	0.942477796	2.14675498	-5.584604963	-3.192504673	-10.548647632	-4.467064505	0.2764009	0.4794569	0.1442232	0.3575144	-5.0261594
6525000000	0.942477796	2.199114858	-5.580848751	-4.868758661	-8.91106101	-4.749602762	0.2766401	0.3259298	0.1284973	0.3349961	-5.74277
6525000000	0.942477796	2.251474735	-5.891642742	-7.676160622	-9.289612122	-4.226634146	0.2575347	0.1707591	0.1177711	0.3778649	-6.3642099
6525000000	0.942477796	2.303834613	-5.623826016	-6.857834252	-10.5312742	-3.571278939	0.273916	0.2061658	0.0884856	0.4394122	-5.9860826
6525000000	0.942477796	2.35619449	-5.698759079	-4.273510037	-10.95633856	-3.6188696	0.2692304	0.3738083	0.0802354	0.4346233	-5.3883987
6525000000	0.942477796	2.408554368	-7.256718184	-3.571065783	-8.841018963	-4.715157506	0.1880737	0.4394338	0.1305864	0.3376636	-5.6234552
6525000000	0.942477796	2.460914245	-8.149135342	-5.049048894	-8.00708864	-6.594495995	0.1531392	0.3126764	0.1582046	0.2190536	-6.7619438
6525000000	0.942477796	2.513274123	-8.001492211	-8.630276847	-9.08990912	-8.05434268	0.1584349	0.1370794	0.1233108	0.1565185	-8.4213271
6525000000	0.942477796	2.565634	-9.712162941	-10.58407451	-9.311265083	-8.451172772	0.1068523	0.0874163	0.1171854	0.1428508	-9.4471267
6525000000	0.942477796	2.617993878	-9.807070123	-7.724914745	-8.952234204	-8.801292444	0.1045425	0.1688529	0.1272848	0.1317864	-8.7576755
6525000000	0.942477796	2.670353756	-8.268649495	-6.064951234	-10.99518738	-9.588047506	0.1489824	0.2474599	0.0795209	0.10995	-8.3422667
6525000000	0.942477796	2.722713633	-8.681713184	-5.559264038	-15.28599074	-10.32228247	0.1354655	0.2780184	0.0296074	0.0928478	-8.7294447
6525000000	0.942477796	2.775073511	-8.7163743	-5.303781974	-17.80669507	-10.61280846	0.1343886	0.294864	0.0165703	0.0868399	-8.7560758
6525000000	0.942477796	2.827433388	-8.5768976	-6.116474216	-18.08710394	-10.71191109	0.1387747	0.2445415	0.0155342	0.0848807	-9.1475598
6525000000	0.942477796	2.879793266	-9.078989656	-8.908466337	-15.87719117	-10.47184197	0.1236235	0.1285741	0.0258393	0.0897048	-10.365174
6525000000	0.942477796	2.932153143	-8.194503824	-13.02926329	-15.31127664	-10.38511965	0.1515478	0.0497822	0.0306823	0.0915141	-10.921504
6525000000	0.942477796	2.984513021	-8.499740629	-16.09659004	-17.32082316	-11.53135098	0.1412622	0.0245664	0.0185318	0.0702885	-11.961236
6525000000	0.942477796	3.036872899	-11.85733678	-17.09419425	-20.84524337	-14.27247399	0.0652028	0.0195245	0.0082314	0.0373898	-14.689538
6525000000	0.942477796	3.089232776	-15.86695993	-19.28443786	-21.6968805	-18.04997426	0.0259003	0.0117912	0.0067657	0.015676	-18.230071
6525000000	0.942477796	3.141592654									

6525000000	0.994837674	-0.785398163	2.878872447	-4.100895778	-0.689373532	-2.883016726	1.940382	0.3889649	0.8532232	0.5148709	-0.3415874
6525000000	0.994837674	-0.733038286	1.583102829	-5.141818427	-1.258348905	-2.628887396	1.4398269	0.3060682	0.748545	0.5458977	-1.1915116
6525000000	0.994837674	-0.680678408	0.26719167	-6.358047023	-1.310037853	-2.856147069	1.0634551	0.2313105	0.7395988	0.5180662	-1.9510604
6525000000	0.994837674	-0.628318531	-1.33680215	-7.053909973	-1.175716839	-3.653507101	0.7350549	0.1970648	0.762831	0.4311707	-2.7447193
6525000000	0.994837674	-0.575958653	-3.268109966	-6.559677196	-1.521199591	-4.86162154	0.4711823	0.2208169	0.7044984	0.3264659	-3.6578389
6525000000	0.994837674	-0.523598776	-4.086115193	-5.634294168	-2.495055775	-6.21527168	0.3902909	0.2732566	0.5629819	0.2390412	-4.3605324
6525000000	0.994837674	-0.471238898	-3.001870842	-5.273059874	-3.001148513	-7.369926527	0.5009714	0.2969573	0.4465655	0.1832345	-4.4714143
6525000000	0.994837674	-0.41887902	-2.312426838	-5.687452149	-3.933557703	-7.938274843	0.5871612	0.2699323	0.4042446	0.160758	-4.4913108
6525000000	0.994837674	-0.366519143	-3.117437414	-6.634269077	-4.235373204	-8.096047681	0.4878162	0.2170566	0.3771053	0.1505277	-5.0968997
6525000000	0.994837674	-0.314159265	-4.859590563	-7.784594443	-5.378288362	-8.533175334	0.3266186	0.1665484	0.2898486	0.1401788	-6.367668
6525000000	0.994837674	-0.261799388	-5.613201158	-9.207716841	-7.653256976	-9.442989432	0.2745869	0.120013	0.1716621	0.1136844	-7.6958528
6525000000	0.994837674	-0.20943951	-5.125221021	-10.90116525	-9.77266857	-10.13078782	0.3072401	0.0812612	0.1053739	0.0970334	-8.3053964
6525000000	0.994837674	-0.157079633	-4.987471901	-10.32812286	-10.77869117	-9.857686495	0.3171413	0.0927231	0.0835855	0.1033312	-8.2624499
6525000000	0.994837674	-0.104719755	-5.765822946	-8.010403164	-12.73644421	-9.045300655	0.2651049	0.1581101	0.0532544	0.1245862	-8.2314532
6525000000	0.994837674	-0.052359878	-7.570749168	-7.070708038	-17.57552113	-8.381244675	0.1749545	0.196304	0.0174762	0.1451696	-8.7459658
6525000000	0.994837674	-4.44E-16	-10.05033022	-6.83242928	-17.53426541	-8.017968232	0.0988478	0.2073753	0.017643	0.1578349	-9.1826235
6525000000	0.994837674	0.052359878	-10.94178762	-5.604518183	-13.69121124	-7.740499712	0.0805047	0.2751365	0.0427444	0.1682848	-9.4857567
6525000000	0.994837674	0.104719755	-10.36002381	-4.783850039	-12.9634369	-7.2121237384	0.0920445	0.3323648	0.0505425	0.1889166	-7.7952041
6525000000	0.994837674	0.157079633	-11.55819165	-5.443063754	-13.12758756	-6.281860387	0.0698523	0.2855575	0.0486677	0.2354001	-7.9623189
6525000000	0.994837674	0.20943951	-15.2644429	-5.906820678	-11.97186099	-5.199192038	0.0297547	0.2566362	0.0635059	0.3020514	-7.8784693
6525000000	0.994837674	0.261799388	-16.3274704	-4.609306199	-9.996581482	-4.470953405	0.0232945	0.3459946	0.1000787	0.3571944	-6.8478441
6525000000	0.994837674	0.314159265	-14.67714753	-3.13519537	-8.828234368	-4.29947855	0.0340632	0.4858257	0.1309714	0.3715798	-5.924221
6525000000	0.994837674	0.366519143	-14.43592164	-1.688179624	-8.407209464	-4.398860777	0.0360087	0.6779256	0.1443042	0.3613733	-5.1519785
6525000000	0.994837674	0.41887902	-14.05776701	-0.398434509	-7.530252159	-4.151077255	0.0392847	0.9123396	0.1765939	0.3844964	-4.2230309
6525000000	0.994837674	0.471238898	-12.81749159	-0.066558058	-5.672644578	-3.284594249	0.0522698	0.9847913	0.2708529	0.4693973	-3.5229649
6525000000	0.994837674	0.523598776	-10.74361874	-0.551322563	-3.668888257	-2.202737605	0.0842632	0.8807806	0.4296644	0.6201799	-3.0170171
6525000000	0.994837674	0.575958653	-9.039793585	-0.298242358	-2.547419683	-1.372437385	0.1247443	0.9336321	0.5562346	0.7290482	-2.3216553
6525000000	0.994837674	0.628318531	-8.055941277	0.71613433	-2.274614133	-0.931399608	0.1564609	1.1792705	0.592292	0.8069479	-1.6510293
6525000000	0.994837674	0.680678408	-6.802967863	0.811460021	-1.873116953	-0.725308139	0.2087869	1.2054411	0.6496633	0.8461925	-1.381545
6525000000	0.994837674	0.733038286	-5.634060134	-0.040501549	-0.6406524	-0.507080879	0.2732713	0.9901715	0.8628489	0.889799	-1.2253698
6525000000	0.994837674	0.785398163	-4.735398163	0.410038852	0.758722072	-0.166989051	0.2840433	1.0997157	1.1908915	0.9622799	-0.5351953
6525000000	0.994837674	0.837578041	-5.81964457	2.344797888	1.385927376	0.20589738	0.2618397	1.7158519	1.3759186	1.0521047	0.419564
6525000000	0.994837674	0.890117919	-5.25366255	3.50202514	1.149690737	0.557756121	0.298307	2.2397653	1.303074	1.1730797	0.9501112
6525000000	0.994837674	0.942477796	-3.865685003	3.352724677	0.862355884	0.836824325	0.4106119	2.1640758	1.219651	1.2125019	0.9750378
6525000000	0.994837674	0.994837674	-2.62932148	2.531813239	1.434106706	1.078951184	0.5458431	1.7913536	1.3912676	1.2820209	0.978198
6525000000	0.994837674	0.994837674	-1.854864165	2.339014451	2.515617013	1.237324969	0.6523994	1.7135684	1.7846855	1.3296352	1.3674343
6525000000	0.994837674	0.994837674	1.09557429	-1.685115908	2.943461165	3.083931706	0.678404	1.9694552	2.0341978	1.3237828	1.7651373
6525000000	0.994837674	0.994837674	1.151917406	-2.050120806	3.258393922	2.763125704	0.6237175	2.1175779	1.8893507	1.2604092	1.6813311
6525000000	0.994837674	0.994837674	1.204277184	-2.371240786	2.866770544	2.032094731	0.746802011	1.9349826	1.5966491	1.1876274	1.2209477
6525000000	0.994837674	0.994837674	1.256376061	-2.070411832	2.139278057	0.67753465	0.6208102	1.6365445	1.4977953	1.1688357	0.9025678
6525000000	0.994837674	0.994837674	1.308996939	-1.508179682	1.591085765	2.070959329	0.7066137	1.4424759	1.6110015	1.2263722	0.9532623
6525000000	0.994837674	0.994837674	1.361356817	-1.469813202	1.101918453	2.188515592	0.7128837	1.2888187	1.6552041	1.3110831	0.9471269
6525000000	0.994837674	0.994837674	1.413716654	-2.137294091	0.267745534	1.488656012	0.6113228	1.0635908	1.4088527	1.3435706	0.4408258
6525000000	0.994837674	0.994837674	1.466076572	-2.843797396	-0.6335569	0.163114927	0.5195415	0.86426	1.0382728	1.3029295	-0.3093326
6525000000	0.994837674	0.994837674	1.518436449	-2.71193049	-0.608557308	-0.850328014	0.5355858	0.8692491	0.8221805	1.2353371	-0.6269212
6525000000	0.994837674	0.994837674	1.570796327	-1.886199493	0.322017213	-0.97072543	0.6477092	1.0796653	0.7997007	1.1853861	-0.3271402
6525000000	0.994837674	0.994837674	1.623156204	-1.323116722	1.078823847	-0.91901984	0.7373749	1.2819833	0.8092785	1.1402859	-0.038736
6525000000	0.994837674	0.994837674	1.675516082	-1.576160925	1.156079544	-1.631365431	0.695639	1.3049923	0.6868525	1.0427422	-0.3035628
6525000000	0.994837674	0.994837674	1.72787596	-2.458849137	0.640523624	-3.300838427	0.567695	1.1589171	0.4676463	0.7858226	-1.459106
6525000000	0.994837674	0.994837674	1.780235837	-3.393769193	-0.281174338	-1.565498866	0.4577444	0.9373085	0.308931	0.6973489	-2.216072
6525000000	0.994837674	0.994837674	1.832595715	-4.071634822	-1.773890774	-5.966992752	0.3915944	0.6646774	0.253105	0.568377	-2.842133
6525000000	0.994837674	0.994837674	1.884955592	-4.586854609	-4.544800549	-6.403052002	0.347788	0.3511721	0.2829273	0.503854	-4.4619546
6525000000	0.994837674	0.994837674	1.93731547	-4.83906199	-9.916557398	-3.187639324	0.3281662	0.1019399	0.1825645	0.4799943	-5.6357301
6525000000	0.994837674	0.994837674	1.989675347	-4.897897988	-12.32545748	-6.65008767	0.3237503	0.0585402	0.1364556	0.4571986	-6.1263479
6525000000	0.994837674	0.994837674	2.042053225	-5.259594489	-6.514205985	-8.567424061	0.290777	0.223141	0.1390777	0.4063513	-4.7141969
6525000000	0.994837674	0.994837674	2.094395102	-5.485707429	-3.826585896	-7.854605349	0.2827673	0.4143539	0.1638851	0.332736	-5.2514938
6525000000	0.994837674	0.994837674	2.14675948	-5.01136067	-3.6127578	-7.998321611	0.3154016	0.4352354	0.1585506	0.272782	-5.2945365
6525000000	0.994837674	0.994837674	2.199114458	-4.86323163	-5.679192601	-8.435056234	0.3263449	0.2704461	0.1433819	0.2685765	-5.9828055
6525000000	0.994837674	0.994837674	2.251477375	-5.285007407	-9.489892283	-8.784827315	0.2961415	0.1124633	0.132287	0.3240212	-6.6508707
6525000000	0.994837674	0.994837674	2.303834613	-5.311857891	-8.338554283	-10.01532277	0.2943162	0.1466036	0.0996478	0.3751893	-6.4027977
6525000000	0.994837674	0.994837674	2.35619449	-5.69876565	-5.108816851	-10.73150559	0.26923	0.3084028	0.0844986	0.3488362	-5.9373277
6525000000	0.994837674	0.994837674	2.408554368	-7.601522042	-4.207618624	-8.773705341	0.1737192	0.379523	0.1326262	0.2540204	-6.2898347
6525000000	0.994837674	0.994837674	2.460914245	-8.647727622	-5.225164541	-7.988790479	0.1365297	0.3002504	0.1626002	0.1750043	-7.1310329
6525000000	0.994837674	0.994837674	2.513271423	-8.225080283	-6.903470905	-9.095953799	0.1504846	0.2040107	0.1231416	0.1651796	-7.9397302
6525000000	0.994837674	0.994837674	2.565634	-9.623432146	-7.322866796	-9.614218095	0.1090578	0.1852309	0.1092894	0.1911864	-7.7271498
6525000000	0.994837674	0.994837674	2.617993878	-9.732579408	-7.093532146	-9.09285793	0.1063511	0.1952751	0.1232294	0.159831	-8.0917875
6525000000	0.994837674	0.994837674	2.670353756	-8.330830927	-7.42207442	-10.78067384	0.1468645	0.1810475	0.0853473	0.166892	-8.3986821
6525000000	0.994837674	0.994837674									

6525000000	1.047197551	-1.204277184	5.473962888	-3.18571605	0.654640961	-1.21781725	3.5269255	0.4802069	1.1626904	0.7554718	1.7064996
6525000000	1.047197551	-1.151917306	5.530963647	-2.656816355	1.216744585	-1.526918565	3.5735212	0.5423984	1.3233492	0.7035713	1.8630922
6525000000	1.047197551	-1.099557429	4.562539522	-2.451831022	0.975598565	-1.936010899	2.859262	0.5686131	1.2518718	0.6403227	1.2385733
6525000000	1.047197551	-1.047197551	3.082476862	-3.014762625	0.033913198	-2.492915396	2.0335164	0.4994865	1.0078394	0.5632594	0.1115812
6525000000	1.047197551	-0.994837674	2.868570064	-3.838342529	-0.738400329	-3.184203921	1.9357845	0.4132052	0.8436455	0.4803741	-0.3703927
6525000000	1.047197551	-0.942477796	3.817666621	-3.823958805	-0.567745194	-3.823395939	2.408611	0.414576	0.8774563	0.4146297	0.1323865
6525000000	1.047197551	-0.890117919	4.169815442	-3.23866087	0.0148991	-0.03460015	2.6120504	0.4743882	1.0034365	0.3949481	0.4968533
6525000000	1.047197551	-0.837758041	3.487039912	-3.162819555	0.104309901	-3.636509795	2.2320504	0.4827453	1.024309	0.4328616	0.1828079
6525000000	1.047197551	-0.785398163	2.259467702	-3.916768675	-0.395720821	-3.033844191	1.6824678	0.4058104	0.9129099	0.4972967	-0.5818
6525000000	1.047197551	-0.733038286	1.18038837	-5.211212627	-0.832787663	-2.78071621	1.3123172	0.3011531	0.8255079	0.5271429	-1.298711
6525000000	1.047197551	-0.680678408	0.246372662	-6.530987302	-0.753268993	-3.142733923	1.0583694	0.2222805	0.8407621	0.4849825	-1.8601986
6525000000	1.047197551	-0.628318531	-1.026288875	-7.305784686	-0.602277186	-4.102880808	0.7895345	0.1859609	0.870507	0.3887872	-2.5282336
6525000000	1.047197551	-0.575958653	-2.584219188	-7.098648413	-1.041713891	-5.470664217	0.5515414	0.1950452	0.7867353	0.2837485	-3.4268827
6525000000	1.047197551	-0.523598776	-3.22556246	-6.355938251	-2.155795861	-7.014675565	0.4758212	0.2314228	0.608724	0.1988531	-4.2169865
6525000000	1.047197551	-0.471238898	-2.504991752	-5.951528732	-3.277174761	-8.46816965	0.5616953	0.2540078	0.4701999	0.1422928	-4.472722
6525000000	1.047197551	-0.41887902	-2.129863297	-6.2469499	-3.775487365	-9.363368309	0.6123697	0.237304	0.4192289	0.1157879	-4.6070728
6525000000	1.047197551	-0.366519143	-3.05131688	-7.096308148	-4.113237967	-9.607468537	0.4953	0.1951503	0.3878623	0.1094594	-5.273269
6525000000	1.047197551	-0.314159265	-4.820612569	-8.149938453	-5.28089597	-9.861576469	0.3295632	0.1531109	0.296422	0.1032387	-6.5642659
6525000000	1.047197551	-0.261799388	-5.691924535	-9.417277652	-7.57115482	-10.36563503	0.2696544	0.1143595	0.1749381	0.0919256	-7.8856062
6525000000	1.047197551	-0.20943951	-5.266378254	-10.81181214	-9.689711018	-10.5153557	0.2974145	0.0829505	0.1074061	0.0888105	-8.4119922
6525000000	1.047197551	-0.157079633	-5.035945692	-10.07495264	-10.75306761	-9.924423373	0.3136212	0.098289	0.0840801	0.1017554	-8.2554351
6525000000	1.047197551	-0.104719755	-5.724061006	-7.916770833	-12.78080674	-9.063268478	0.2676664	0.1615559	0.0527132	0.1240718	-8.1958208
6525000000	1.047197551	-0.052359878	-7.535942242	-7.06355145	-17.61695617	-8.402230735	0.1763623	0.1966278	0.0173103	0.1444698	-8.7389286
6525000000	1.047197551	-4.44E-16	-10.05033005	-6.832429302	-17.53426539	-8.017968247	0.0988478	0.2073753	0.017643	0.1578349	-9.1928235
6525000000	1.047197551	0.052359878	-10.96068983	-5.620918232	-13.76636746	-7.721157252	0.0801551	0.2740995	0.042011	0.1689991	-8.9482082
6525000000	1.047197551	0.104719755	-10.46371303	-4.83542709	-13.14125407	-7.22010799	0.0898729	0.3284409	0.0485148	0.1896659	-7.8482887
6525000000	1.047197551	0.157079633	-11.63370946	-5.589772943	-13.45251017	-6.339644315	0.0686482	0.2760722	0.0451595	0.2322927	-7.0814912
6525000000	1.047197551	0.20943951	-14.85999192	-6.181830146	-12.36101417	-5.308640056	0.0326588	0.240889	0.0580629	0.2945344	-8.05385
6525000000	1.047197551	0.261799388	-15.88575644	-4.773186987	-10.34763096	-4.580911355	0.0257884	0.3331818	0.0923075	0.3482642	-6.9921875
6525000000	1.047197551	0.314519265	-15.09365902	-3.227670866	-9.168891092	-4.336006772	0.0309481	0.4755902	0.1210907	0.3684676	-6.037585
6525000000	1.047197551	0.366519143	-15.22072392	-1.881474734	-8.730447474	-4.254157434	0.0300558	0.6484142	0.1339543	0.3754778	-5.2727937
6525000000	1.047197551	0.41887902	-14.22312362	-0.636369217	-7.96521298	-3.728002294	0.037817	0.8637003	0.1660917	0.4238379	-4.2845129
6525000000	1.047197551	0.471238898	-12.18628311	-0.190042533	-5.880397581	-2.615684048	0.0604466	0.9571847	0.2582024	0.5475598	-3.4117959
6525000000	1.047197551	0.523598776	-10.08735101	-0.442095712	-3.793399117	-1.404121059	0.0980088	0.9032135	0.4175035	0.7237489	-2.7114431
6525000000	1.047197551	0.575958653	-8.823951333	0.028893851	-2.597703255	-0.538935684	0.1311007	1.0066752	0.5498316	0.8832963	-1.9197416
6525000000	1.047197551	0.628318531	-8.286495324	1.154651306	-2.285378222	-0.143058883	0.1483715	1.3045632	0.5908295	0.9675961	-1.2329727
6525000000	1.047197551	0.680678408	-7.134749906	1.319766092	-1.870082302	-0.075415031	0.1934305	1.3551164	0.6501174	0.9821849	-0.9344499
6525000000	1.047197551	0.733038286	-5.786171461	0.247788379	-0.660606473	-0.06606473	0.2638656	1.0587144	0.8650349	0.9849164	-1.0065407
6525000000	1.047197551	0.785398163	-5.418631193	-0.080845428	0.770038358	0.084880734	0.2871686	0.9815568	1.1939987	1.1097368	-0.6017373
6525000000	1.047197551	0.837758041	-5.715759606	1.660816236	1.39476731	0.375727931	0.2681786	1.4658233	1.3787221	1.0903672	-0.2150882
6525000000	1.047197551	0.890117919	-5.411291618	3.157148549	1.158230439	0.706280875	0.2876543	2.0687826	1.3056388	1.1765998	-0.8266634
6525000000	1.047197551	0.942477796	-4.279825038	3.507357594	0.860404931	1.034638493	0.3732652	2.2425171	1.2206886	1.2690196	1.0597748
6525000000	1.047197551	0.994837674	-3.033072266	3.171255376	1.427857701	1.358744402	0.4973851	2.0755134	1.3876686	1.3673335	1.2496912
6525000000	1.047197551	1.047197551	-2.060899808	3.018068891	2.493772571	1.629875017	0.6221714	2.0035809	1.7757313	1.4554712	1.6560788
6525000000	1.047197551	1.099557429	-1.6462045	3.244029084	2.700761521	1.764667596	0.6845096	2.1105853	2.0280383	1.5012975	1.9896145
6525000000	1.047197551	1.151917306	-1.785877657	3.239872259	2.778127379	1.742512811	0.6628454	2.1085661	1.8958883	1.9346584	1.7588827
6525000000	1.047197551	1.204277184	-1.951531777	2.705463497	2.080449244	1.67083067	0.6380384	1.8644311	1.6145256	1.4692073	1.4505667
6525000000	1.047197551	1.256637061	-1.627345334	1.96937839	1.818546166	1.709024463	0.6874885	1.5737576	1.5200386	1.4821851	1.1921215
6525000000	1.047197551	1.308996939	-1.121912325	1.495607861	1.25500514	1.889791101	0.7723404	1.4111097	1.6351214	1.5451801	1.2740867
6525000000	1.047197551	1.361356817	-1.123672495	1.1390562	2.268167127	2.034843338	0.7702275	1.2998871	1.6858414	1.5976599	1.2673312
6525000000	1.047197551	1.413716694	-1.80551815	0.488937494	1.608481225	1.928236954	0.6598545	1.119164	1.4482653	1.5589195	1.7973916
6525000000	1.047197551	1.466076572	-2.567694293	-0.290663335	0.318918544	1.541147487	0.553644	0.9352628	1.0761972	1.4259384	-0.0096866
6525000000	1.047197551	1.518436449	-2.598739355	-0.460051069	-0.711882252	1.032000023	0.5497004	0.899487	0.8488125	1.2682358	-0.0048494
6525000000	1.047197551	1.570796327	-1.999965573	0.052414044	-0.871071019	0.576486476	0.6309623	1.0121419	0.818263	1.1419541	-0.45357
6525000000	1.047197551	1.623156204	-1.624272788	0.404351675	-0.799176099	0.159304678	0.6879751	1.0975774	0.8319233	1.0373623	-0.3919184
6525000000	1.047197551	1.675516082	-1.996147618	0.06809361	-1.442107034	-0.460925292	0.6315173	1.015804	0.7174461	0.893065	-0.883
6525000000	1.047197551	1.72787596	-2.95869967	-0.91871054	-3.081763415	-1.44892131	0.5058398	0.8093362	0.4918398	0.7162312	-2.0008472
6525000000	1.047197551	1.780235375	-3.986159267	-2.297480216	-4.95624785	-2.668129338	0.3993779	0.5891854	0.3194296	0.5409873	-3.3512771
6525000000	1.047197551	1.832595713	-4.770442567	-4.151036445	-5.787823918	-3.806452393	0.3333924	0.3845	0.2637653	0.4162055	-4.5658134
6525000000	1.047197551	1.884955592	-5.323988073	-7.289540393	-6.001451271	-4.609033507	0.2934953	0.1866577	0.2511047	0.3460164	-5.6973376
6525000000	1.047197551	1.93731547	-5.482759043	-12.54533149	-6.80323713	-5.083363705	0.2829594	0.0556502	0.2087746	0.3102156	-6.6875533
6525000000	1.047197551	1.989675347	-5.354528181	-0.62301395	-8.170834197	-5.548131177	0.2914387	0.086636	0.152376	0.278732	-6.4761859
6525000000	1.047197551	2.042035222	-5.386989657	-5.613414626	-8.357736351	-6.295092063	0.2892684	0.2745734	0.1459575	0.234688	-6.2686386
6525000000	1.047197551	2.094395105	-5.145347036	-3.298097245	-7.1854677	-7.1854677	0.3058196	0.4679401	0.1743157	0.1911487	-5.4343708
6525000000	1.047197551	2.14675498	-4.436353921	-3.113968882	-7.57033354	-7.474307371	0.3600515	0.488206	0.1749712	0.1788831	-5.2211513
6525000000	1.047197551	2.199114858	-4.286638082	-5.154784698	-7.936092143	-6.599708284	0.3726801	0.3051557	0.1608388	0.2187909	-5.777938
6525000000	1.047197551	2.251474735	-4.89482442	-10.30876747	-8.283817442	-5.325823486	0.3239795	0.0931372	0.148463	0.2933173	-6.6809157
6525000000	1.047197551	2.303834613	-5.397195068</								

6525000000	1.099557429	-1.623156204	2.568764287	-3.525062615	-3.100645891	-1.933154659	1.80666	0.4441133	0.489706	0.640744	-0.7298615
6525000000	1.099557429	-1.570796327	2.347416414	-3.366053301	-2.890263921	-1.899374582	1.7168867	0.460675	0.5140124	0.6457472	-0.7866196
6525000000	1.099557429	-1.518436449	2.467045091	-3.075326576	-2.017369198	-1.574401075	1.7648366	0.4925693	0.6284389	0.6959209	-0.4796281
6525000000	1.099557429	-1.466076572	3.151800143	-2.667814556	-0.710237633	-1.050819574	2.0662364	0.5410265	0.849134	0.7850875	0.2545788
6525000000	1.099557429	-1.413716694	3.864507996	-2.362844968	-0.151195717	-0.602242051	2.43473	0.5803841	1.0354272	0.8705142	0.8989786
6525000000	1.099557429	-1.361356817	4.118893112	-2.439436313	0.184872536	-0.407518265	2.5816021	0.5702833	1.0434875	0.9104334	1.0600052
6525000000	1.099557429	-1.308996939	4.102718702	-2.937303188	-0.18017009	-0.472186667	2.5720054	0.5084751	0.9593631	0.8969771	0.9138735
6525000000	1.099557429	-1.256637061	4.429847813	-3.45200401	-0.072768936	-0.673603905	2.7732229	0.4516475	0.9833839	0.8563269	1.0248355
6525000000	1.099557429	-1.204277184	5.084431887	-3.374122283	0.685450438	-0.883784823	3.2243575	0.4598199	1.170968	0.815871	1.5160092
6525000000	1.099557429	-1.151917306	5.262885523	-2.793349154	1.292617172	-1.11488105	3.3596076	0.5256118	1.3466716	0.7735919	1.7648794
6525000000	1.099557429	-1.099557429	4.444188333	-2.487936087	1.094985375	-1.525280414	2.7823953	0.5639056	1.2867629	0.7038368	1.2522912
6525000000	1.099557429	-1.047197551	3.132368156	-2.858432054	0.19955606	-2.255816878	2.057012	0.5177937	1.0470215	0.5948649	0.229119
6525000000	1.099557429	-0.994837674	2.970853936	-3.420952616	-0.532074954	-3.218609594	1.9819167	0.4548883	0.8846928	0.4765835	-0.2249573
6525000000	1.099557429	-0.942477796	3.75692078	-3.272826975	-0.350945941	-3.982887873	2.3751557	0.4706709	0.9223705	0.3996789	0.1785479
6525000000	1.099557429	-0.890117919	3.85010097	-2.733903479	0.21616433	-0.406955929	2.4266665	0.5328557	1.0510332	0.3917729	0.4162244
6525000000	1.099557429	-0.837758041	2.886266297	-2.784680402	0.295337205	-3.591973433	1.9436883	0.526662	1.0703695	0.4373233	-0.023905
6525000000	1.099557429	-0.785398163	1.60249552	-3.72385118	-0.158673373	-3.145143561	1.4462706	0.4242432	0.9641235	0.4847141	-0.8100677
6525000000	1.099557429	-0.733038286	0.939984041	-5.187528229	-0.456742109	-3.184770826	1.2416477	0.3028637	0.9001726	0.4803114	-1.359348
6525000000	1.099557429	-0.680678408	0.531117865	-6.538133724	-0.227906606	-3.853621461	1.1300868	0.221915	0.9488757	0.411754	-1.6866919
6525000000	1.099557429	-0.628318531	-0.382277618	-7.403688147	-0.029848436	-5.057792752	0.9157401	0.1818156	0.9931507	0.3120475	-2.2135069
6525000000	1.099557429	-0.575958653	-1.692901306	-7.591478171	-0.530720301	-6.557762589	0.677189	0.1741214	0.8849688	0.2209143	-3.1042624
6525000000	1.099557429	-0.523598776	-2.384643706	-7.163327757	-1.768569612	-8.142297987	0.5774782	0.1921619	0.6654923	0.1533805	-4.0106923
6525000000	1.099557429	-0.471238898	-2.066245561	-6.768382866	-3.014067046	-9.681617056	0.621406	0.2104562	0.4995665	0.1076064	-4.399886
6525000000	1.099557429	-0.41887902	-1.990536875	-6.947501025	-3.595288259	-10.75786351	0.6323337	0.2019528	0.4369897	0.083973	-4.7003626
6525000000	1.099557429	-0.366519143	-3.0113116	-7.681931064	-3.97655906	-11.03623458	0.4998835	0.1705324	0.4002618	0.0787728	-5.415697
6525000000	1.099557429	-0.314159265	-4.785965279	-8.596654603	-5.165148391	-11.07268182	0.3322029	0.1381448	0.3044284	0.0781145	-6.7116663
6525000000	1.099557429	-0.261779388	-5.769043037	-9.641055091	-2.954604562	-11.14948088	0.2649084	0.1086162	0.1793055	0.0767453	-8.0301228
6525000000	1.099557429	-0.20943951	-5.415164282	-10.6721422	-9.597328312	-10.81329597	0.2873979	0.0856161	0.1097153	0.0829221	-8.4947625
6525000000	1.099557429	-0.157079633	-5.090458703	-9.787496372	-10.74068784	-9.9779458	0.3097092	0.1050148	0.0843201	0.1005091	-8.2423267
6525000000	1.099557429	-0.104719755	-5.689097224	-7.812879534	-12.84598524	-9.084384378	0.26983	0.1654672	0.051928	0.12347	-8.1623542
6525000000	1.099557429	-0.052359878	-7.506787043	-7.055694513	-17.67268218	-8.423775483	0.1775503	0.1969838	0.0170897	0.1437548	-8.73399
6525000000	1.099557429	-4.44E-16	-10.05032954	-6.832429137	-17.53426567	-8.01796827	0.0988478	0.2073753	0.017643	0.1578349	-9.1928233
6525000000	1.099557429	0.052359878	-10.97870599	-5.638898676	-13.85264326	-7.702712127	0.0798232	0.272967	0.0411847	0.169718	-8.5107142
6525000000	1.099557429	0.104719755	-10.56984544	-4.879581536	-13.33385537	-7.219773144	0.0877032	0.3251186	0.0464103	0.1896805	-7.8987376
6525000000	1.099557429	0.157079633	-11.70032797	-5.713273801	-13.79149735	-6.39803432	0.0676032	0.2683321	0.0417686	0.229105	-8.1894686
6525000000	1.099557429	0.20943951	-14.47178861	-6.445485834	-12.731480406	-5.414974298	0.0357126	0.2266999	0.0533155	0.2874105	-8.2163498
6525000000	1.099557429	0.261799388	-15.45747597	-4.915703624	-10.6385443	-4.669598892	0.0284611	0.3224257	0.0863268	0.3412294	-7.1083594
6525000000	1.099557429	0.314159265	-15.44995784	-3.292184373	-9.432944129	-4.317633872	0.0285105	0.4685776	0.1139595	0.3070297	-6.0351675
6525000000	1.099557429	0.366519143	-16.02342365	-2.111849262	-8.980098794	-4.041544214	0.0249838	0.614915	0.1264708	0.3943171	-5.3734504
6525000000	1.099557429	0.41887902	-14.29738857	-0.987237138	-7.99598759	-3.317466271	0.0371759	0.796666	0.1585044	0.4658578	-4.7842621
6525000000	1.099557429	0.471238898	-11.5057018	-0.413243309	-6.016882103	-2.121035871	0.0707017	0.909234	0.2502141	0.6136156	-3.3635432
6525000000	1.099557429	0.523598776	-9.329310927	-0.384869122	-3.83025816	-0.937454631	0.1166995	0.9151938	0.4139751	0.8058506	-2.495458
6525000000	1.099557429	0.575958653	-8.374050056	0.262474894	-2.541154455	-0.157005982	0.1454102	1.0623008	0.5570377	0.9644937	-1.6601789
6525000000	1.099557429	0.628318531	-8.262734344	1.45235998	-2.16555891	0.126396091	0.1491855	1.3971274	0.6073533	1.029525	-0.9919727
6525000000	1.099557429	0.680678408	-7.346107846	1.777849829	-1.732370629	0.069578183	0.1842422	1.5085613	0.6710624	1.01615	-0.7482834
6525000000	1.099557429	0.733038286	-5.918764129	0.858969128	-0.526087099	-0.018617978	0.2559314	1.287003	0.8859134	0.9957222	-0.7620439
6525000000	1.099557429	0.785398163	-5.383787863	0.072852145	0.817829815	0.10803262	0.2894818	1.0169163	1.2072104	1.0251874	-0.5320447
6525000000	1.099557429	0.837758041	-5.610344794	1.198773245	1.399641426	0.437132843	0.2747676	1.3178844	1.3802703	1.1058934	0.084741
6525000000	1.099557429	0.890117919	-5.588307608	2.702466984	1.319696217	0.819560044	0.2761654	1.8631452	1.2992604	1.076195	0.6504375
6525000000	1.099557429	0.942477796	-4.870919421	3.33637212	0.818355949	1.189083908	0.3257677	1.1559427	1.2073567	1.3149474	0.9725857
6525000000	1.099557429	0.994837674	-3.74969637	3.2551006	1.338540226	1.535960236	0.421726	1.1159727	1.3609871	1.4242821	1.2409836
6525000000	1.099557429	1.047197551	-2.633617962	2.995945572	2.385588621	1.793895389	0.5453034	1.9934005	1.7320438	1.5114352	1.6003183
6525000000	1.099557429	1.099557429	2.97768099	2.7768069	2.966594659	1.859789594	0.6275534	1.8953119	1.9799739	1.5345426	1.778865
6525000000	1.099557429	1.151917306	-2.007899025	2.375732826	2.70136201	1.7115951	0.6298108	1.7281176	1.8626712	1.4830627	1.5409381
6525000000	1.099557429	1.204277184	-2.058281729	1.755868828	2.039742852	1.481953146	0.6225465	1.498259	1.5994633	1.40668	1.0779899
6525000000	1.099557429	1.256637061	-1.677955336	1.355447139	1.802157277	1.357231514	0.6795235	1.3662957	1.5143133	1.3668572	0.9052166
6525000000	1.099557429	1.30896939	-1.186891567	1.432585613	2.132762813	1.358345646	0.7608707	1.3907804	1.6340912	1.3672079	1.0995955
6525000000	1.099557429	1.361356817	-1.250138657	1.541478693	2.291977525	1.27661465	0.7498703	1.4260931	1.6951095	1.3417187	1.1501036
6525000000	1.099557429	1.413716694	-2.043799743	1.256685751	1.679580759	0.892623978	0.624626	1.3287003	1.4721704	1.2281811	0.6638609
6525000000	1.099557429	1.466076572	-2.992799013	0.700288074	0.430058053	0.222359913	0.5020189	1.1749755	1.1040934	1.0525337	-0.1845076
6525000000	1.099557429	1.518436449	-3.246241751	0.344487388	-0.614600819	-0.499799865	0.4735609	1.0825519	0.8680404	0.891292	-0.8151814
6525000000	1.099557429	1.570796327	-2.813002801	0.287420766	-0.810401511	-1.052344334	0.5232385	1.0684202	0.8297723	0.7848119	-0.9606375
6525000000	1.099557429	1.623156204	-2.539181467	0.015635183	-0.171965952	-1.452872883	0.5572908	1.0036066	0.8478213	0.7156698	-1.0729495
6525000000	1.099557429	1.675516082	-3.000574617	-0.934687573	-1.282519817	-1.951485803	0.5011209	0.8036362	0.7443	0.6380452	-1.7235511
6525000000	1.099557429	1.72787596	-4.042571522	-2.604504264	-2.857098655	-2.676857677	0.3942238	0.5489712	0.5179527	0.5399011	-3.0080229
6525000000	1.099557429	1.780235837	-5.035648462	-4.659854932	-4.731895845	-3.520169796	0.3136427	0.3419909	0.3363647	0.4446139	-4.4497204
6525000000	1.099557429	1.832595715	-5.573126927	-6.968086654	-5.476720049	-4.413733619	0.2771324	0.2009978	0.2833531	0.3619317	-5.5151975
6525000000	1.099557429	1.884955592	-5.715751								

6525000000	1.151917306	-2.042035225	-6.539551585	-5.592483419	-8.652653482	-9.40330368	0.2218425	0.2759	0.136375	0.1147281	-7.2766774
6525000000	1.151917306	-1.989675347	-6.415834462	-5.375119199	-8.0875581	-8.261446776	0.228253	0.2900602	0.155326	0.1492297	-6.8672933
6525000000	1.151917306	-1.93731547	-5.21425684	-6.226855411	-7.945945098	-7.543934555	0.3010054	0.2384045	0.1780145	0.176038	-6.5098365
6525000000	1.151917306	-1.884955592	-3.540795888	-7.68337638	-6.860698444	-7.001869842	0.4425073	0.1704757	0.2060299	0.1994403	-5.9411895
6525000000	1.151917306	-1.832595515	-1.587409385	-7.976769386	-6.159105435	-5.968132846	0.6938396	0.1593394	0.2421528	0.2530386	-4.7225082
6525000000	1.151917306	-1.780235837	0.27148881	-6.591808273	-5.182808194	-4.668233155	1.0645079	0.291892	0.303193	0.3413137	-3.1690299
6525000000	1.151917306	-1.72787596	1.668143687	-5.266779815	-4.022623193	-3.755708743	1.4682985	0.219787	0.3960387	0.2411246	-1.8995797
6525000000	1.151917306	-1.675516082	2.476650881	-4.709302183	-3.231354738	-3.430754112	1.7687444	0.3381192	0.475187	0.4538628	-1.1977062
6525000000	1.151917306	-1.623156204	2.774910982	-4.59379419	-3.017252002	-3.439871859	1.8944847	0.3472327	0.4992003	0.4529190	-0.9774839
6525000000	1.151917306	-1.570796327	2.833880709	-4.357518831	-2.831984349	-3.319948349	1.920384	0.366647	0.5210043	0.4655916	-0.8703081
6525000000	1.151917306	-1.518436449	3.09217716	-3.852264734	-1.946466059	-2.805738513	2.0380635	0.4118827	0.6387831	0.5241145	-0.4421081
6525000000	1.151917306	-1.466076572	3.726334812	-3.258987503	-0.618880386	-2.090849575	2.358487	0.4721731	0.8671854	0.6178955	0.3299538
6525000000	1.151917306	-1.413716694	4.28590411	-2.814886847	0.236539789	-1.524284377	2.6828131	0.5230116	1.0559758	0.7039982	0.9392912
6525000000	1.151917306	-1.361356817	4.297984125	-2.755696556	0.230013598	-1.271695271	2.6902858	0.5301886	1.0543902	0.7461574	0.9873213
6525000000	1.151917306	-1.308996939	3.89208595	-3.096009132	-0.194100928	-1.273213991	2.4502398	0.4902291	0.9562906	0.7458966	0.6470653
6525000000	1.151917306	-1.256637061	3.814583474	-3.453731141	-0.118599194	-1.34750538	2.4069017	0.4514679	0.973061	0.7323456	0.5734998
6525000000	1.151917306	-1.204277184	4.328450673	-3.270208747	0.65964916	-1.374531228	2.709225	0.4709547	1.164032	0.7286968	1.0319703
6525000000	1.151917306	-1.151917306	4.571064213	-2.636652357	1.305676273	-1.429944295	2.8648799	0.5449225	1.3507271	0.7194582	1.367196
6525000000	1.151917306	-1.099557429	3.901646791	-2.27600869	1.142238731	-1.702743936	2.4553699	0.5921055	1.30084	0.675656	0.990105
6525000000	1.151917306	-1.047197551	2.878662294	-2.557692252	0.275014131	-2.291902765	1.9402881	0.5524905	1.0653723	0.5899426	0.1604289
6525000000	1.151917306	-0.994837674	2.997108602	-3.063606674	-0.439839415	-3.036851652	1.9939344	0.4939003	0.9036829	0.4969524	-0.1228123
6525000000	1.151917306	-0.942477796	3.740835492	-2.98829768	-0.260904352	-3.533353151	2.3663749	0.5025395	0.9416935	0.4432663	0.2672465
6525000000	1.151917306	-0.890117919	3.619331203	-2.554256341	0.29429541	-3.535624037	2.3010874	0.5553597	1.0701128	0.4430346	0.3838114
6525000000	1.151917306	-0.837758041	2.427822288	-2.683720511	0.370859266	-3.28865714	1.7489695	0.5390486	1.0891456	0.4689584	-0.1703693
6525000000	1.151917306	-0.785398163	1.209696821	-3.700950173	-0.031592972	-3.246305267	1.3212034	0.4264862	0.9927594	0.473554	-0.9051372
6525000000	1.151917306	-0.733038286	1.051077334	-5.188624557	-0.18730864	-3.727693789	1.273819	0.3027872	0.9577874	0.423868	-1.310234
6525000000	1.151917306	-0.680678408	1.085743482	-6.468885765	-0.17154007	-4.823522175	1.2840276	0.2254818	1.0464426	0.3293425	-1.4186986
6525000000	1.151917306	-0.628318531	0.403286413	-7.421432917	0.046435017	-6.382131549	1.0973082	0.1810743	1.1127651	0.2300313	-1.5365333
6525000000	1.151917306	-0.575958653	-0.835757632	-8.047569792	-0.63263547	-8.046737677	0.8249436	0.1567628	0.9855386	0.1567928	-2.748975
6525000000	1.151917306	-0.523598776	-1.714359787	-8.028222088	-1.39179576	-9.559098925	0.6738512	0.1574627	0.7258058	0.1066447	-3.7992007
6525000000	1.151917306	-0.471238898	-1.763311147	-7.697575388	-2.745877819	-10.97182275	0.6662986	0.1699192	0.5313886	0.0799497	-4.4142455
6525000000	1.151917306	-0.41887902	-1.924951381	-7.773212161	-3.408194151	-12.00246757	0.6419554	0.1669855	0.4562266	0.0630599	-4.7878756
6525000000	1.151917306	-0.366519143	-3.000362382	-8.37565335	-3.830852731	-12.1760984	0.5011454	0.1453565	0.4139184	0.0605885	-5.5245098
6525000000	1.151917306	-0.314159265	-4.75279196	-9.095371718	-5.032922535	-11.97089011	0.3347502	0.1231581	0.3138396	0.0635201	-6.802342
6525000000	1.151917306	-0.261793988	-5.84363173	-9.839843071	-7.334023442	-11.68835858	0.2603975	0.1037566	0.1847556	0.0677898	-8.119864
6525000000	1.151917306	-0.20943951	-5.56722496	-10.46495882	-9.294292013	-11.00177258	0.2775093	0.0898471	0.1122462	0.0794004	-8.5465385
6525000000	1.151917306	-0.157079633	-5.146825617	-9.471433445	-10.7425611	-10.10463176	0.3057155	0.1129423	0.0842838	0.0996637	-8.2202711
6525000000	1.151917306	-0.104719755	-5.659938331	-7.701244699	-12.93203654	-9.107718614	0.2716478	0.1697757	0.0509092	0.1228084	-8.1308524
6525000000	1.151917306	-0.052359878	-7.483496778	-7.04738187	-17.72400949	-8.445746775	0.178505	0.1973612	0.016819	0.1430294	-8.7312654
6525000000	1.151917306	-4.44E-16	-10.05032954	-6.832428941	-17.53426539	-8.01796539	0.0988478	0.2073753	0.017643	0.157835	-9.1928232
6525000000	1.151917306	0.052359878	-10.99533974	-5.658335832	-13.94980017	-7.685189309	0.0795181	0.271748	0.0402736	0.1704405	-8.5236679
6525000000	1.151917306	-0.104719755	-10.67840165	-4.915486919	-13.54080805	-0.0855381	0.0855381	0.3224418	0.0442579	0.1897031	-7.9255436
6525000000	1.151917306	0.157079633	-11.7666152	-5.807628978	-14.13833862	-6.452965108	0.0665792	0.2625652	0.0385626	0.2263099	-8.282612
6525000000	1.151917306	0.20943951	-14.120242	-6.691119953	-13.06056358	-5.512228485	0.0387236	0.2142338	0.0494247	0.2810458	-8.360728
6525000000	1.151917306	0.261799388	-15.03484754	-5.037625346	-10.83580923	-4.738504502	0.0313701	0.3134999	0.0824934	0.3358532	-7.1941217
6525000000	1.151917306	0.314159265	-15.67525478	-3.310667971	-9.574103048	-6.476332312	0.0270691	0.4668766	0.1103036	0.3735655	-6.1193173
6525000000	1.151917306	0.366519143	-16.73727919	-2.334654645	-9.095075599	-3.85215625	0.0211969	0.5841637	0.1231665	0.411893	-5.4499518
6525000000	1.151917306	0.41887902	-14.28580385	-1.434056406	-8.064906738	-3.048572278	0.0372752	0.7187773	0.1561383	0.4956131	-4.5351785
6525000000	1.151917306	0.471238898	-10.91721861	-0.745831039	-6.00327554	-1.902655977	0.0809614	0.8422032	0.2509993	0.6452595	-3.4212622
6525000000	1.151917306	0.523598776	-8.666032966	-0.395100452	-3.711592066	-0.859925644	0.1359555	0.9130403	0.4254424	0.8203652	-2.413444
6525000000	1.151917306	0.575958653	-7.861742907	0.387289047	-2.322572414	-0.265686174	0.163616	1.0932737	0.5857911	0.9406576	-1.5179405
6525000000	1.151917306	0.628318531	-8.030534725	1.56146445	-1.871165649	-0.180877954	0.1573789	1.4326709	0.6499552	0.9592067	-0.9701701
6525000000	1.151917306	0.680678408	-7.4138519	2.065066884	-1.431334353	-0.382452906	0.1813906	1.6088172	0.719228	0.9157032	-0.7383181
6525000000	1.151917306	0.733038286	-6.020053274	1.559473566	-3.31705611	-0.45195	0.2500315	1.4320143	0.9295963	0.9011664	-0.5640552
6525000000	1.151917306	0.785398163	-5.341222795	0.91896087	0.902962151	-0.125787323	0.2923329	1.2356517	1.2311082	0.9714518	-0.3027875
6525000000	1.151917306	0.837758041	-5.441943454	1.428005581	1.387832381	0.418559539	0.2856312	1.3893146	1.3765223	1.101174	0.162645
6525000000	1.151917306	0.890117919	-5.628318337	2.51036658	1.0554847	0.882777329	0.2736328	1.7825292	1.2751124	1.2253996	0.5658797
6525000000	1.151917306	0.924477796	-5.448651531	3.145015825	0.673261193	1.187976529	0.2851904	2.0630112	1.1676861	1.3146122	0.8193208
6525000000	1.151917306	0.949837664	-4.702147591	3.20272401	1.131176183	1.387515958	0.3386766	2.090607	1.2975306	1.376422	1.0578568
6525000000	1.151917306	1.047197551	-3.601926504	2.877061491	2.142720063	1.463382277	0.4363222	1.9395731	1.637842	1.4006777	1.3149156
6525000000	1.151917306	1.099557429	-2.896521	2.238464576	2.721324017	1.307214292	0.5132724	1.6743508	1.8712525	1.3512056	1.3114438
6525000000	1.151917306	1.151917306	-2.815349556	1.305421591	2.477468845	0.876770924	0.5229559	1.3506479	1.7690776	1.2237006	0.8514669
6525000000	1.151917306	1.204277184	-2.805008642	0.500995518	1.851398687	0.342784378	0.5242026	1.1222757	1.5315806	1.0821275	0.2736861
6525000000	1.151917306	1.256637061	-2.360198146	0.552236307	1.605627226	-0.00499269	0.5807379	1.1355954	1.4623884	0.9988511	0.1886403
6525000000	1.151917306	1.308996939	-1.858018456	1.253177495	2.013824372	-0.097380858	0.6519258	1.3344975	1.5899462	0.9778268	0.5635175
6525000000	1.151917306	1.361356817	-1.999761283	1.75151219	2.011963275	-0.178069676	0.630992	1.4967567	1.6641648	0.959841	0.7479401
6525000000	1.151917306	1.413716694	-2.976852339	1.687726592	1.651956065	-0.479008179	0.5038657	1.4749342	1.4628359	0.8955693	0.3514997
6525000000	1.151917306	1.466076572	-4.193642209	1.228							

6525000000	1.204277184	-2.460914245	-11.62710139	-7.629279709	-11.47681633	-8.542930305	0.0687527	0.1726124	0.0711735	0.1398643	-9.4653455
6525000000	1.204277184	-2.408554368	-16.19367783	-7.547901155	-12.18041377	-9.043725749	0.0240233	0.1758773	0.0605283	0.1246314	-10.165312
6525000000	1.204277184	-2.35619449	-14.1486753	-7.124964887	-12.23154838	-9.993352211	0.0384709	0.1938668	0.0598198	0.1001532	-10.084298
6525000000	1.204277184	-2.303834613	-8.963045522	-5.949260752	-11.31488328	-10.25134794	0.1269683	0.2541405	0.0738774	0.0943768	-6.6220053
6525000000	1.204277184	-2.251474735	-5.471752923	-4.832951314	-10.46628597	-9.837406468	0.2836774	0.3286282	0.0898197	0.1038148	-6.9575723
6525000000	1.204277184	-2.199114858	-3.573425988	-4.697493158	-10.1728782	-9.788607394	0.439195	0.3390398	0.0960975	0.1049879	-6.1113526
6525000000	1.204277184	-2.14675498	-3.182089822	-5.594760782	-9.80144676	-10.64966423	0.480608	0.2757553	0.1027982	0.086106	-6.2650522
6525000000	1.204277184	-2.094395102	-4.02989822	-6.220981595	-9.121194187	-11.34328002	0.3953759	0.2387272	0.122428	0.0733959	-6.8302013
6525000000	1.204277184	-2.042035225	-5.487408641	-5.357372277	-8.366316145	-10.63072021	0.2826566	0.2912479	0.1456694	0.0864828	-6.9569459
6525000000	1.204277184	-1.989675347	-6.636471768	-4.50713034	-7.828132391	-9.849445677	0.2169466	0.3542313	0.1648871	0.1035274	-6.7799145
6525000000	1.204277184	-1.93731547	-6.738203831	-4.826367247	-7.284479754	-9.648342011	0.2119237	0.3291268	0.1868754	0.1084341	-6.7966674
6525000000	1.204277184	-1.884955592	-5.620989781	-6.146730341	-6.680324522	-9.248379311	0.2740949	0.2428438	0.214767	0.1188946	-6.7233446
6525000000	1.204277184	-1.832595715	-3.601042667	-7.012313904	-5.980215473	-7.942502453	0.346411	0.1989613	0.2523356	0.1606016	-5.8157049
6525000000	1.204277184	-1.780235837	-1.382685266	-6.185792671	-4.990322464	-6.344609098	0.72733	0.2406693	0.3169332	0.2320273	-4.2108592
6525000000	1.204277184	-1.72787596	0.440491514	-5.131566971	-3.829336477	-5.26657928	1.106749	0.3067915	0.4140629	0.2974008	-2.747002
6525000000	1.204277184	-1.675516082	1.636728309	-4.918771788	-3.062885349	-4.833254216	1.4577157	0.3221198	0.4939824	0.3286053	-1.8666902
6525000000	1.204277184	-1.623156204	2.259597151	-5.236670395	-2.89024251	-4.678148755	1.682518	0.299456	0.5140149	0.3405533	-1.6929704
6525000000	1.204277184	-1.570796327	2.619761837	-5.194878143	-2.73966516	-4.326435036	1.828	0.3023515	0.5321493	0.3692806	-1.2036211
6525000000	1.204277184	-1.518436449	3.154999002	-4.516614235	-1.85411805	-3.657226499	2.0677589	0.3534586	0.6525115	0.4308016	-0.5743012
6525000000	1.204277184	-1.466076572	3.955259231	-3.639817801	-0.508019304	-2.966721931	2.486142	0.432532	0.8996068	0.5050424	-0.1267993
6525000000	1.204277184	-1.413716694	4.536109401	-2.970208899	0.343316795	-2.556218818	2.8419141	0.504637	1.0822602	0.5551088	0.9551108
6525000000	1.204277184	-1.361356817	4.430153644	-2.738562548	0.292410223	-2.458912648	2.7734182	0.5322844	1.0696483	0.5678687	0.9193393
6525000000	1.204277184	-1.308996939	3.733313354	-2.914301071	-0.211437659	-2.472598238	2.3622798	0.5111753	0.9524808	0.5659006	0.4058618
6525000000	1.204277184	-1.256637061	3.264570295	-3.147757778	-0.200848539	-2.372551307	2.1205916	0.4844204	0.954806	0.5790884	0.1482561
6525000000	1.204277184	-1.204277184	3.577507845	-2.967635421	0.571948681	-2.133858595	2.2790339	0.5049361	1.1407615	0.6118066	0.5465648
6525000000	1.204277184	-1.151917306	3.847117735	-2.428382944	1.23847162	-1.935965428	2.4250002	0.5716915	1.3299863	0.6403294	0.9403481
6525000000	1.204277184	-1.099557429	3.352859802	-2.159758734	0.086685526	-1.969203317	2.1641431	0.6081688	1.2843002	0.6354475	0.9030351
6525000000	1.204277184	-1.047197551	2.707406131	-2.525490855	0.215712346	-2.266932738	1.8652653	0.5590503	1.0509238	0.5933442	0.0738326
6525000000	1.204277184	-0.994837674	3.134569482	-3.163592519	-0.513909395	-2.661414549	2.0580549	0.4826594	0.888401	0.5418244	-0.031667
6525000000	1.204277184	-0.942477796	3.845864797	-3.251383765	-0.346861927	-2.909883726	2.4243007	0.4730005	0.9232383	0.5116955	0.3465201
6525000000	1.204277184	-0.890117919	3.576929925	-2.878355695	0.207173269	-2.955191927	2.2787306	0.5154238	1.0488595	0.506385	0.3636925
6525000000	1.204277184	-0.837758041	2.290859829	-2.979875933	0.295248526	-3.002496372	1.6964733	0.503515	1.0703476	0.5008992	-0.2578372
6525000000	1.204277184	-0.785398163	1.239422026	-3.925086453	-0.0468288	-3.344349486	1.3302774	0.4500339	0.9892752	0.4623983	-0.9860034
6525000000	1.204277184	-0.733038286	1.439425048	-5.260872364	-0.060802335	-4.212598908	1.3929724	0.2977918	0.9860973	0.3790881	-1.1691381
6525000000	1.204277184	-0.680678408	1.698270878	-6.381629434	0.476884498	-5.698055325	1.4785196	0.2300578	1.1160623	0.269274	-1.1155178
6525000000	1.204277184	-0.628318531	1.104362316	-7.42493192	0.826224913	-7.641202903	1.2895442	0.1809284	1.2095463	0.1721392	-1.468864
6525000000	1.204277184	-0.575958653	-0.178038214	-8.744905108	0.304024929	-9.540507071	0.9598341	0.1420723	1.0725128	0.1116602	-2.4303637
6525000000	1.204277184	-0.523598776	-0.523598776	-8.896203616	-1.075391264	-10.984991133	0.7421453	0.1289376	0.7806581	0.0796253	-3.6367103
6525000000	1.204277184	-0.471238898	-1.644364472	-8.688298488	-2.505191087	-12.19733078	0.6847997	0.1352602	0.5616696	0.060293	-4.038796
6525000000	1.204277184	-0.41887902	-1.95233705	-8.696640365	-3.23035023	-12.99783865	0.6379201	0.1350007	0.4752969	0.0501437	-4.8866441
6525000000	1.204277184	-0.366519143	-3.017111831	-9.151638539	-3.68308083	-12.88610513	0.4992164	0.1251727	0.4282439	0.0514505	-5.6047664
6525000000	1.204277184	-0.314159265	-4.71836726	-9.601842207	-4.887634897	-12.43898573	0.3374141	0.1096013	0.3245163	0.0570297	-6.8375524
6525000000	1.204277184	-0.261799388	-5.915020623	-9.96841044	-7.183998679	-11.94319362	0.2561521	0.10073	0.1912494	0.0639265	-8.152674
6525000000	1.204277184	-0.20943951	-5.717249596	-10.18123289	-9.394660337	-11.08256595	0.2680866	0.0959128	0.1149566	0.0779369	-8.5628826
6525000000	1.204277184	-0.157079633	-5.200654834	-9.134026322	-10.75911786	-10.03461919	0.3019496	0.1220667	0.0839631	0.099206	-8.1738362
6525000000	1.204277184	-0.104719755	-5.63568849	-7.584601548	-13.03899656	-9.132557168	0.2731688	0.1743973	0.0496715	0.122108	-8.1012687
6525000000	1.204277184	-0.052359878	-7.466278371	-7.038860966	-17.82419129	-8.467989604	0.1792141	0.1977488	0.0165037	0.1422987	-8.7308538
6525000000	1.204277184	-4.44E-16	-10.05032984	-6.832429163	-17.53426544	-8.017967969	0.0988478	0.2037353	0.017643	0.157835	-9.1928233
6525000000	1.204277184	0.052359878	-11.01005221	-5.679139267	-14.05762286	-7.668564723	0.0792492	0.2704494	0.039286	0.1710581	-8.5383687
6525000000	1.204277184	0.104719755	-10.78922977	-4.94267388	-13.75888772	-7.712765536	0.0833829	0.3204296	0.0420834	0.1897721	-7.9882959
6525000000	1.204277184	0.157079633	-11.84092979	-5.867316215	-14.48598321	-6.500957663	0.0654496	0.2589813	0.035596	0.2238254	-6.3675696
6525000000	1.204277184	0.20943951	-13.81657689	-6.910183437	-13.3248047	-5.596503317	0.0415281	0.2036956	0.0465071	0.2756447	-4.8818936
6525000000	1.204277184	0.261799388	-14.61026076	-5.14332984	-10.91231359	-4.794442226	0.0345919	0.3059617	0.0810529	0.3315551	-7.2517813
6525000000	1.204277184	0.314159265	-15.70285412	-3.270903573	-9.55781753	-4.247244621	0.0268977	0.4078793	0.110718	0.3760759	-6.0881298
6525000000	1.204277184	0.366519143	-17.22733003	-2.489205612	-9.019512266	-3.750864295	0.0189351	0.5637408	0.1253282	0.4216126	-5.4912829
6525000000	1.204277184	0.41887902	-14.21366515	-1.929580232	-7.92317395	-2.972284614	0.0378995	0.6412716	0.1613179	0.5034959	-4.7337489
6525000000	1.204277184	0.471238898	-10.48043024	-1.181344912	-5.781079911	-1.95321299	0.0895276	0.761843	0.2641752	0.6380473	-3.5819125
6525000000	1.204277184	0.523598776	-8.176131609	-0.468145917	-4.308706615	-1.095905106	0.1521903	0.897812	0.4561671	0.7767994	-2.4352579
6525000000	1.204277184	0.575958653	-7.40457943	0.42790105	-1.945347703	-0.727735665	0.1817783	1.1035451	0.6389476	0.8457197	-1.5958168
6525000000	1.204277184	0.628318531	-7.688387951	1.473275542	-1.439659598	-0.875560325	0.170279	1.4038721	0.7178506	0.8174176	-1.093807
6525000000	1.204277184	0.680678408	-7.36865107	2.079242124	-1.029325698	-1.186490836	0.1832884	1.6140769	0.7889826	0.7609409	-0.7736682
6525000000	1.204277184	0.730382808	-6.11056591	2.071181172	-0.05954071	-1.063593656	0.2448744	1.6110837	0.9863838	0.7827816	-0.4273715
6525000000	1.204277184	0.785398163	-5.306246508	1.966096889	0.986528675	-0.335382402	0.2946968	1.5725689	1.2550264	0.9256819	0.0517772
6525000000	1.204277184	0.837758041	-5.206218278	2.281646159	0.336033947	0.514732047	0.3015631	1.6910818	1.3585117	1.1258312	-0.4892592
6525000000	1.204277184	0.890117919	-5.418499866	2.796888116	0.885633745	1.057500564	0.2871772	1.9040959	1.2262058	1.2757004	0.6940753
6525000000	1.204277184	0.942477796	-5.677191325	3.148676657	0.400964496	1.246853393	0.2705708	2.0647509	1.0967216	1.3325556	0.7956636
6525000000	1.204277184	0.994837674	-5.524008526	3.269870754	0.775677733	1.242757827	0.2802845	2.1231813	1.1955501	1.3312995	0.9081471
6525000000	1.204277184	1.04791755									

6525000000	1.256637061	-2.879793266	-15.86936236	-7.747814314	-17.83338101	-9.47520584	0.0258859	0.1679649	0.0164688	0.1128442	-10.926372
6525000000	1.256637061	-2.827433388	-12.05601788	-7.508545685	-16.31223089	-10.04323229	0.0622871	0.1774784	0.0233764	0.0990095	-10.431699
6525000000	1.256637061	-2.775073511	-10.91712454	-7.599519412	-9.49559381	-9.49559381	0.0809632	0.1737993	0.0367683	0.1123157	-9.9584358
6525000000	1.256637061	-2.722713633	-12.94875859	-8.330500894	-13.04065111	-8.584002592	0.0507136	0.1468757	0.0496518	0.1385478	-10.157103
6525000000	1.256637061	-2.670353756	-16.59011811	-9.350921463	-12.14737831	-8.754750839	0.0219275	0.1162102	0.0609905	0.1332063	-10.806022
6525000000	1.256637061	-2.617939878	-13.15667141	-9.278029005	-11.20532308	-9.48485679	0.0483429	0.1180856	0.0757648	0.1125938	-10.520921
6525000000	1.256637061	-2.565634	-9.466134625	-8.576157849	-10.41636021	-9.362583421	0.1130802	0.1387983	0.0908582	0.1159786	-9.4051676
6525000000	1.256637061	-2.513274123	-8.474310436	-8.145997305	-10.17569016	-8.675883827	0.1420918	0.1532499	0.0960353	0.1356474	-8.8022921
6525000000	1.256637061	-2.460914245	-10.05869539	-7.848927083	-10.59919751	-8.704607091	0.0986576	0.1640995	0.0871125	0.1347533	-9.1665614
6525000000	1.256637061	-2.408554368	-13.9240848	-7.668097918	-11.42651371	-9.610555648	0.0405127	0.1710764	0.0720081	0.1093816	-10.076908
6525000000	1.256637061	-2.35619449	-13.08666211	-7.509534176	-11.72366747	-10.29175524	0.0491285	0.177438	0.0672409	0.0935028	-10.140011
6525000000	1.256637061	-2.303834613	-8.086873004	-6.747908652	-11.01508531	-10.09332466	0.1553505	0.2114507	0.0791574	0.097874	-8.6659471
6525000000	1.256637061	-2.251474735	-4.864751985	-5.587371815	-10.28270785	-9.857181022	0.3262307	0.2762249	0.0936978	0.1033432	-6.9923441
6525000000	1.256637061	-2.199114858	-3.295058784	-5.136820744	-10.06535591	-10.16689988	0.4682676	0.3064206	0.0985064	0.0962299	-6.1554601
6525000000	1.256637061	-2.14675498	-3.105338682	-5.855964394	-9.770925374	-10.99165255	0.4891771	0.2596591	0.1054162	0.0795856	-6.317884
6525000000	1.256637061	-2.094935102	-4.018050577	-6.603194336	-8.929359513	-11.42935658	0.396456	0.2186153	0.127957	0.0719556	-6.9091101
6525000000	1.256637061	-2.042035225	-5.661225247	-5.527598274	-8.135838598	-11.02468582	0.2715673	0.280053	0.1536088	0.0789826	-7.0762669
6525000000	1.256637061	-1.989675347	-7.505886179	-4.128354093	-7.654362954	-10.67813169	0.1775871	0.3865134	0.1716183	0.0855435	-6.8757809
6525000000	1.256637061	-1.93731547	-8.586543599	-3.917640158	-7.201554306	-10.39320041	0.1384668	0.4057289	0.1904779	0.091344	-6.8507069
6525000000	1.256637061	-1.884955592	-7.994340737	-4.849068436	-6.644216323	-9.362583421	0.158696	0.3274109	0.2165601	0.1158088	-6.8905416
6525000000	1.256637061	-1.832595715	-5.92041569	-5.720616208	-5.927376138	-7.597784838	0.2558341	0.2678788	0.2554244	0.1738687	-6.2296433
6525000000	1.256637061	-1.780235837	-3.283008488	-5.160585698	-4.870184649	-5.897721996	0.4695687	0.3047484	0.3258228	0.2571744	-4.6937954
6525000000	1.256637061	-1.72787596	-0.912334303	-4.202197267	-3.645574004	-4.812363367	0.8105253	0.3799971	0.4319591	0.3301898	-3.1143086
6525000000	1.256637061	-1.675516082	0.74580609	-4.04953856	-2.861072481	-4.403311214	1.1873551	0.3935919	0.517479	0.3628013	-2.1090826
6525000000	1.256637061	-1.623156204	1.689519235	-4.588073648	-2.712253313	-4.368773552	1.4755432	0.3476903	0.5355187	0.3656981	-1.667811
6525000000	1.256637061	-1.570796327	2.316949601	-4.868459517	-2.598741242	-4.271472838	1.7408485	0.3259523	0.5497002	0.3739837	-1.3157295
6525000000	1.256637061	-1.518436449	3.121674519	-4.291724458	-1.791269099	-3.905061845	2.0519532	0.3722439	0.673112	0.4069057	-0.5746921
6525000000	1.256637061	-1.466076572	4.116773768	-3.339232263	-0.354586226	-3.455792533	2.5803426	0.4635289	0.9215977	0.4512537	-0.4304016
6525000000	1.256637061	-1.413716694	4.768916717	-2.607842684	-0.497406245	-3.22197338	2.9984145	0.5485494	1.1213485	0.4762146	-1.0925846
6525000000	1.256637061	-1.361356817	4.628159622	-2.356678983	0.404926888	-3.267354296	2.9027923	0.5812087	1.0977228	0.4712643	-1.0148829
6525000000	1.256637061	-1.30896939	3.785029172	-2.523042241	-0.188572346	-3.342051101	2.390578	0.5593656	0.9575088	0.4632281	-0.9746915
6525000000	1.256637061	-1.256637061	3.068249801	-2.791121307	-0.268147091	-3.1407782	2.0268657	0.5258815	0.9401243	0.4852016	-0.9328723
6525000000	1.256637061	-1.204277184	3.194916347	-2.77180851	0.472378214	-2.657677778	2.0868519	0.5282252	1.1149049	0.5422908	-0.2859897
6525000000	1.256637061	-1.151917306	3.44470586	-2.468278145	1.133427982	-2.174968642	2.2103985	0.5664638	1.2982036	0.6060426	-0.6828872
6525000000	1.256637061	-1.099557429	3.082816854	-2.418462229	0.960132142	-1.963413889	2.0336756	0.5729989	1.2474215	0.6302951	-0.5022418
6525000000	1.256637061	-1.047197551	2.69510657	-3.000471882	0.401086456	-2.07350258	1.8599902	0.5011328	1.0095054	0.6023685	-0.009786
6525000000	1.256637061	-0.994837674	3.252486345	-3.87621006	-0.74452995	-2.336339044	2.1146994	0.490618	0.8424557	0.5839371	-0.0534862
6525000000	1.256637061	-0.942477796	3.918300445	-4.113182926	-0.602750825	-2.540172644	2.4650745	0.387866	0.8704121	0.5751636	-0.2943615
6525000000	1.256637061	-0.890117919	3.618281174	-3.683631818	-0.041130187	-2.653468496	2.3005311	0.4281903	0.9905741	0.5428166	-0.2756489
6525000000	1.256637061	-0.837758041	2.409633598	-3.609157353	0.069630791	-2.858895955	1.7416599	0.4535964	1.0161623	0.5177384	-0.3255066
6525000000	1.256637061	-0.785398163	1.536696769	-4.306549321	-0.209279951	-3.396199861	1.4245148	0.3709754	0.9529541	0.4574888	-0.9610559
6525000000	1.256637061	-0.733038286	1.845579026	-5.339676754	-0.091805363	-4.443003648	1.5295297	0.292437	0.9790828	0.3557006	-1.0229731
6525000000	1.256637061	-0.680678408	2.145774749	-6.290264791	0.587931385	-6.073117497	1.6389944	0.234949	1.1449674	0.2469591	-0.8005633
6525000000	1.256637061	-0.628318531	1.5654129	-7.450916534	1.026734593	-8.1651176	1.433974	0.1798491	1.2666991	0.1255767	-1.2017341
6525000000	1.256637061	-0.575958653	0.203122348	-8.84423682	0.536048002	-10.2463463	1.0478816	0.1304897	1.1313704	0.0944855	-2.2108447
6525000000	1.256637061	-0.523598776	-1.146411488	-9.641191186	-0.85433801	-11.84553863	0.7679958	0.1086128	0.8214232	0.0563802	-3.5750621
6525000000	1.256637061	-0.471238898	-1.71729075	-9.630581033	-2.318316822	-13.1076477	0.6733966	0.1088784	0.5863654	0.0488917	-4.5052708
6525000000	1.256637061	-0.41887902	-2.069221517	-9.661827981	-3.077049689	-13.70479589	0.6209803	0.1080979	0.4923739	0.0426109	-5.0029127
6525000000	1.256637061	-0.366519143	-3.052189625	-9.961957987	-3.547367897	-13.1963591	0.4952005	0.1080798	0.4424449	0.0479032	-6.0056728
6525000000	1.256637061	-0.314159265	-4.680352594	-10.05239316	-4.734206101	-12.5324865	0.3403806	0.0980009	0.3361858	0.0558151	-8.6236372
6525000000	1.256637061	-0.261799388	-5.982737771	-9.982890935	-7.017779321	-11.96743544	0.2521891	0.1003947	0.1987104	0.0635706	-8.1328033
6525000000	1.256637061	-0.20943951	-5.858777904	-9.822408999	-9.287784669	-11.08074403	0.2594909	0.1041739	0.1178207	0.0799647	-8.5429466
6525000000	1.256637061	-0.157079633	-5.247516981	-8.78364492	-10.79013246	-10.0415425	0.298709	0.1323321	0.0833656	0.0970968	-8.1282391
6525000000	1.256637061	-0.104719755	-5.615611921	-7.465803835	-13.16652091	-9.158437066	0.2744346	0.1792337	0.0482334	0.1213826	-8.0737387
6525000000	1.256637061	-0.052359878	-7.455336811	-17.91824991	-8.490331165	-10.9328381	0.1796662	0.1981359	0.0161501	0.1415686	-8.7328371
6525000000	1.256637061	-4.44-16	-10.0503302	-6.832429222	-17.53426556	-8.017968296	0.0988478	0.2037373	0.017643	0.1578349	-9.1928235
6525000000	1.256637061	0.052359878	-11.0222713	-5.701253684	-14.17592061	-7.652857566	0.0790265	0.2690758	0.0382303	0.1716778	-8.5541764
6525000000	1.256637061	0.104719755	-10.90190371	-4.961090409	-13.98929116	-7.214301151	0.0812474	0.3190737	0.0399009	0.1899196	-8.0261623
6525000000	1.256637061	0.157079633	-11.93098884	-5.88782337	-14.82660306	-6.539023248	0.0641064	0.2577613	0.0329109	0.2128695	-8.4114916
6525000000	1.256637061	0.20943951	-13.56732868	-7.091581791	-13.50353477	-5.665616565	0.0439812	0.1953628	0.044632	0.2712928	-8.5755668
6525000000	1.256637061	0.261799388	-14.1818181	-5.241121333	-10.85538246	-4.845339383	0.0381784	0.2991492	0.0821224	0.3276927	-7.286567
6525000000	1.256637061	0.314159265	-15.50499676	-3.174224785	-9.371550016	-4.254992641	0.0281514	0.4814792	0.11557	0.3754056	-6.0179681
6525000000	1.256637061	0.366519143	-17.40678399	-2.515731847	-7.731591499	-3.762352191	0.0181686	0.560308	0.1339186	0.4204988	-5.4787701
6525000000	1.256637061	0.41887902	-14.12972759	-2.382938577	-8.755119414	-3.074636457	0.0386391	0.577705	0.175744	0.4926476	-5.9324619
6525000000	1.256637061	0.471238898	-10.20985872	-1.683929375	-4.594988354	-2.190823788	0.0952827	0.6785894	0.2917435	0.6038341	-3.7948666
6525000000	1.256637061	0.523598776	-7.874970687	-0.580784616	-2.95218279	-1.476457998	0.1631184	0.7848257	0.506736	0.7117938	-3.4946968
6525000000	1.256637061	0.575958653	-7.066298629	0.443599826	-0.147122894	-1.264574314	0.1965034	1.1075414	0.7128329	0.7473819	-1.6048116
6525000000	1.256637061	0.628318									

6525000000	1.256637061	3.036872899	-11.38704244	-17.88855994	-20.0385849	-17.84758825	0.0726601	0.0162609	0.0099115	0.016415	-15.404285
6525000000	1.256637061	3.089232776	-16.40125701	-19.24261994	-21.46517721	-20.17437815	0.022902	0.0119052	0.0071365	0.0096064	-18.899288
6525000000	1.256637061	3.141592654	-17.03598009	-21.74376261	-21.05199173	-19.75045077	0.019788	0.006693	0.0078488	0.0059914	-19.496087
6525000000	1.308996939	-3.141592654	-17.03598025	-21.74376252	-21.051992	-19.7504508	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.308996939	-3.089232776	-18.27135878	-13.52336144	-22.32199266	-16.93006234	0.014889	0.0044287	0.0058587	0.0022765	-16.7030332
6525000000	1.308996939	-3.036872899	-18.49811443	-10.2601636	-21.55025748	-13.72938014	0.0141315	0.0041854	0.006098	0.0423703	-14.042689
6525000000	1.308996939	-2.984513021	-17.57912412	-9.177588166	-18.73131226	-11.06243817	0.0174617	0.1208485	0.0133927	0.078299	-12.0423817
6525000000	1.308996939	-2.932153143	-17.4457898	-8.302549384	-17.55072274	-9.541678521	0.0180062	0.147824	0.0175763	0.1111302	-11.329205
6525000000	1.308996939	-2.879793266	-14.71670858	-7.560772464	-17.1773537	-9.480127996	0.0337543	0.1735639	0.0191542	0.1127164	-10.693288
6525000000	1.308996939	-2.874743388	-11.15005438	-7.203088277	-16.25620957	-9.975734787	0.0767352	0.1904106	0.0236799	0.0506603	-10.094548
6525000000	1.308996939	-2.775073511	-9.997493404	-7.151184786	-14.9476383	-9.374879999	0.1000577	0.1926999	0.0320064	0.1154814	-9.5836518
6525000000	1.308996939	-2.722713633	-12.07177097	-7.68880541	-13.7088427	-8.605091496	0.0620616	0.1702627	0.0425711	0.1378767	-9.8634967
6525000000	1.308996939	-2.670353756	-19.12587276	-6.683169011	-12.31037443	-8.824339749	0.0122296	0.1354201	0.0587439	0.1310889	-10.738087
6525000000	1.308996939	-2.617993878	-16.15894101	-9.133430415	-10.83344302	-9.339907509	0.0242162	0.1220835	0.0825383	0.1164151	-10.39224
6525000000	1.308996939	-2.565634	-9.89932966	-8.801345977	-9.84915124	-9.178090805	0.1023453	0.1317848	0.1036355	0.1208345	-9.4062589
6525000000	1.308996939	-2.513274123	-7.642702217	-8.283511495	-9.583556669	-9.818803461	0.1720798	0.1484735	0.1100638	0.1282684	-8.5473725
6525000000	1.308996939	-2.460914245	-8.000929982	-7.774607076	-10.00291257	-9.219708439	0.1584554	0.1669319	0.099933	0.1196821	-8.6566165
6525000000	1.308996939	-2.408554368	-10.53657115	-7.507969894	-10.85950906	-9.581649608	0.0883777	0.1775019	0.0824044	0.1101121	-9.4116022
6525000000	1.308996939	-2.35619449	-11.41484865	-7.634686331	-11.29908863	-9.289755739	0.0721963	0.1723977	0.0741466	0.1167972	-9.6206799
6525000000	1.308996939	-2.303834613	-7.631211367	-7.526393221	-10.79354675	-8.963412311	0.1725357	0.1767505	0.0833001	0.1296576	-8.5422586
6525000000	1.308996939	-2.251474735	-4.764271456	-6.610069622	-10.23442056	-9.27138002	0.3338665	0.2182695	0.0947454	0.1182666	-7.1831459
6525000000	1.308996939	-2.199114858	-3.534035399	-5.90832951	-10.12782738	-10.13254656	0.4431966	0.2565471	0.0970996	0.0969491	-6.5080148
6525000000	1.308996939	-2.14675498	-3.559537524	-6.365485474	-9.793430286	-11.06400869	0.4406018	0.2309146	0.1048714	0.0782707	-6.1026739
6525000000	1.308996939	-2.094395102	-4.467632368	-7.232850186	-8.804054395	-11.233908	0.3574677	0.1891102	0.1317027	0.0752678	-7.2494888
6525000000	1.308996939	-2.042035225	-5.991540847	-6.261428038	-7.949210506	-10.427440083	0.2516784	0.2365142	0.1603537	0.0906275	-7.3331346
6525000000	1.308996939	-1.989675347	-7.78551327	-4.508735784	-7.531634726	-9.383972696	0.1665132	0.3541004	0.1765373	0.1142399	-6.92295
6525000000	1.308996939	-1.93731547	-8.817816834	-3.869939252	-7.17984372	-8.464243402	0.131286	0.4102098	0.1914325	0.1452415	-6.5987834
6525000000	1.308996939	-1.884955592	-8.23559808	-4.474895613	-6.667290787	-7.553283369	0.1501206	0.3568703	0.2154125	0.1756595	-6.4875323
6525000000	1.308996939	-1.832595715	-6.471602739	-5.249478498	-5.818855024	-6.502299539	0.2253407	0.2985741	0.2559261	0.2237536	-6.0050171
6525000000	1.308996939	-1.780235837	-3.95374833	-4.693151294	-6.74639695	-5.426256665	0.4023696	0.3393789	0.3383154	0.2866648	-4.6781
6525000000	1.308996939	-1.72787596	-1.343809164	-3.577737722	-3.440378441	-4.649224682	0.7338699	0.4387594	0.4528581	0.342829	-3.0796508
6525000000	1.308996939	-1.675516802	0.584208001	-3.188921706	-2.607529752	-4.397408515	1.1439862	0.4798526	0.5485889	0.3632498	-1.9795827
6525000000	1.308996939	-1.623156204	1.686161597	-3.572507976	-4.792972219	-4.585516425	1.4744028	0.4932879	0.5670257	0.3478951	-1.5048668
6525000000	1.308996939	-1.570796327	2.402519803	-3.939938419	-2.381015385	-4.797284135	1.7388094	0.4036511	0.5779609	0.3313383	-1.1750966
6525000000	1.308996939	-1.518464449	3.28125061	-3.580119441	-1.506630023	-4.586327889	2.128752	0.4385186	0.7068658	0.3407801	-0.6111555
6525000000	1.308996939	-1.466076572	4.322920339	-2.785848818	-0.121661083	-3.968938833	2.7057772	0.5265203	0.9723752	0.40498307	-0.4322975
6525000000	1.308996939	-1.413716694	4.986058631	-2.176625109	-0.73829236	-3.388591259	3.1521426	0.6058115	1.1853026	0.4582095	1.3045819
6525000000	1.308996939	-1.361356817	4.838116586	-2.052410802	0.616631329	-3.158506405	3.0465735	0.6233887	1.1525589	0.483225	1.2686849
6525000000	1.308996939	-1.308996939	3.975230491	-2.358164409	-0.05499157	-3.150504624	2.4976009	0.5810099	0.9874176	0.4841616	0.559652
6525000000	1.308996939	-1.256637061	3.198117932	-2.793590968	-0.23766994	-2.968162891	2.0883909	0.5255825	0.9497806	0.5048748	0.0738808
6525000000	1.308996939	-1.204277184	3.22024922	-3.00710134	0.471080219	-2.444120224	2.0990603	0.5003684	1.1145717	0.5696236	0.2975136
6525000000	1.308996939	-1.151917306	3.408128061	-2.964076707	1.102596518	-1.866247162	2.19186	0.5053501	1.28902	0.6506917	0.6416978
6525000000	1.308996939	-1.099557429	3.055487398	-3.152655506	0.874003191	-1.618895071	2.0209182	0.4838764	1.2229377	0.6888725	0.4302413
6525000000	1.308996939	-1.047197551	2.661420162	-3.974364055	-0.140119581	-1.805897777	1.8456188	0.4004641	0.9682512	0.6957968	-0.1388578
6525000000	1.308996939	-0.994837674	3.133232638	-5.049185316	-1.031172993	-2.200941023	2.0574215	0.3126666	0.7886471	0.602429	-0.267377
6525000000	1.308996939	-0.942477796	3.774842426	-5.272230296	-4.802482647	-2.484725165	2.3849773	0.297014	0.8048545	0.5643227	0.0552031
6525000000	1.308996939	-0.890117919	3.580868713	-4.620976552	-0.382654954	-2.594856471	2.2807983	0.3450661	0.9156606	0.5501921	0.098456
6525000000	1.308996939	-0.837758041	2.582972639	-4.24421373	-0.255718477	-2.779490199	1.8125803	0.3763835	0.9428186	0.5272918	-0.3869412
6525000000	1.308996939	-0.785398163	1.831510726	-4.57967238	-0.488939346	-3.322533382	1.524583	0.3483636	0.8935236	0.4653146	-0.9261755
6525000000	1.308996939	-0.733038286	2.056372547	-5.301551296	-0.27138708	-4.356888474	1.6055996	0.2950155	0.9394232	0.3667002	-0.9599644
6525000000	1.308996939	-0.680678408	2.304085692	-6.19896495	-0.521661518	-5.8798884	1.6998421	0.2990405	1.1288641	0.2582326	-0.8002296
6525000000	1.308996939	-0.628318531	1.724469967	-7.515938974	0.1054908764	-7.791066038	1.4874658	0.1771765	1.2749433	0.1663004	-1.0987447
6525000000	1.308996939	-0.575958653	0.299839357	-9.07826562	0.616623299	-9.837807921	1.0714797	0.1236441	1.1525592	0.1308052	-1.2263018
6525000000	1.308996939	-0.523598776	-1.238792017	-10.05391737	-0.748485886	-11.7770138	0.751832	0.0987662	0.8416885	0.06642	-3.5686658
6525000000	1.308996939	-0.471238898	-1.946782724	-10.33427522	-2.203983812	-13.54145535	0.6387365	0.0925918	0.6200771	0.044244	-4.6294335
6525000000	1.308996939	-0.41887902	-2.244616518	-10.56321219	-2.962017681	-14.17449104	0.596401	0.0878371	0.5055897	0.0382429	-5.1283663
6525000000	1.308996939	-0.366519143	-3.088044174	-10.70256447	-3.414586612	-13.26913072	0.491129	0.0847117	0.4555555	0.0471072	-5.6923846
6525000000	1.308996939	-0.314159265	-4.637309341	-10.36605399	-4.578792487	-12.42569759	0.3437709	0.0919167	0.3484342	0.0572045	-6.7709553
6525000000	1.308996939	-0.261799388	-6.046124318	-9.852336561	-6.793804263	-11.87089642	0.248535	0.1034585	0.2070235	0.0469996	-8.0686387
6525000000	1.308996939	-0.20943951	-5.984063395	-9.400009984	-9.178221125	-11.03529631	0.2521121	0.1148151	0.1208309	0.0787899	-8.4882335
6525000000	1.308996939	-0.157079633	-5.283187679	-8.429189452	-10.83467813	-10.04171134	0.2962656	0.1435757	0.0825149	0.0990404	-8.0868849
6525000000	1.308996939	-0.104719755	-5.599190198	-7.347729443	-13.31451809	-9.185144553	0.2754742	0.1841735	0.0466174	0.1206384	-8.0485929
6525000000	1.308996939	-0.052359878	-7.450876022	-7.022123209	-18.02300212	-8.512584147	0.1798508	0.1985124	0.0157652	0.140845	-8.7327273
6525000000	1.308996939	-4.44E-16	-10.05032964	-6.832429101	-17.53426559	-8.017968354	0.0988478	0.2027353	0.017643	0.1578349	-9.1928233
6525000000	1.308996939	0.052359878	-11.03140223	-5.724654044	-14.30452342	-7.638088745	0.0788605	0.2676299	0.0371148	0.1726227	-8.5708838
6525000000	1.308996939	0.104719755	-4.971142281	-14.2305167	-7.208580268	-6.0791486	0.0791486	0.318336	0.0377533	0.19017	-8.0589665
6525000000	1.308996939	0.15079633	-12.04356809	-5.86631393	-15.15180199	-6.565265513	0.0624659	0.2590411	0.0305365	0.2205329	-8.4422651
6525000000	1.308996939	0.20943951	-13.								

6525000000	1.308996939	2.617993878	-6.279652868	-8.941502201	-9.797368374	-8.578681252	0.2355238	0.1275997	0.1047763	0.1387177	-8.1914505
6525000000	1.308996939	2.670353756	-8.388272702	-8.678377183	-8.629948264	-10.77336822	0.1449348	0.1355696	0.1370898	0.083688	-9.0197769
6525000000	1.308996939	2.722713633	-10.8607304	-9.369733066	-9.965604176	-12.2907267	0.0820214	0.1156183	0.1007951	0.0590102	-10.488507
6525000000	1.308996939	2.775073511	-9.568676509	-11.00649894	-11.31823327	-11.74530468	0.1104415	0.079314	0.0738204	0.0669067	-10.829113
6525000000	1.308996939	2.827433388	-9.464544758	-12.84595732	-10.95499343	-12.12375885	0.1131216	0.0519283	0.0802603	0.0613231	-11.154407
6525000000	1.308996939	2.879793266	-10.33799697	-15.32397674	-11.68598598	-12.94595422	0.0925125	0.0239496	0.0678268	0.0507463	-12.210619
6525000000	1.308996939	2.932153143	-8.480214106	-19.44415488	-14.09654763	-13.37451763	0.1418988	0.0113654	0.0389355	0.0459778	-12.251594
6525000000	1.308996939	2.984513021	-8.135937767	-21.76621411	-16.96038873	-15.32780622	0.1536053	0.0066585	0.0201354	0.0293237	-12.804139
6525000000	1.308996939	3.036872899	-11.40016615	-18.0119478	-19.94312037	-18.82377106	0.0724408	0.0158054	0.0101318	0.0131106	-15.548293
6525000000	1.308996939	3.089232776	-16.52024583	-19.29353315	-21.40850944	-20.51850944	0.0222831	0.0117665	0.0072302	0.0088746	-19.017515
6525000000	1.308996939	3.141592654	-17.03598025	-21.74376252	-21.051992	-19.7504508	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.361356817	-3.141592654	-17.03597988	-21.7437623	-21.05199194	-19.7504508	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.361356817	-3.089232776	-18.22178211	-13.60687964	-22.36631271	-16.9026596	0.0150599	0.0435825	0.0057992	0.0204049	-16.734262
6525000000	1.361356817	-3.036872899	-18.87634065	-10.23008798	-21.39549352	-13.70842552	0.0129529	0.0948399	0.0072519	0.0425753	-14.044488
6525000000	1.361356817	-2.984513021	-17.9435208	-8.994479262	-18.46009961	-11.01713431	0.0160564	0.1260527	0.0142557	0.0791201	-12.30097
6525000000	1.361356817	-2.932153143	-17.10250852	-8.11867516	-17.18553507	-9.533261293	0.0194872	0.1542171	0.0191182	0.1113458	-11.189461
6525000000	1.361356817	-2.879793266	-14.24635462	-7.390833317	-16.86012284	-9.526734344	0.0376153	0.1823546	0.0206057	0.1115133	-10.554077
6525000000	1.361356817	-2.827433388	-10.88825796	-6.967235956	-16.49513781	-9.97985063	0.0815031	0.2010372	0.0224123	0.100465	-9.9451736
6525000000	1.361356817	-2.775073511	-9.44936977	-6.838154617	-15.85773489	-9.428904253	0.1135176	0.2071021	0.0259553	0.1140538	-9.3870895
6525000000	1.361356817	-2.722713633	-10.46315507	-7.215321957	-14.67471467	-8.827502021	0.0898844	0.189875	0.0340826	0.1309935	-9.5386049
6525000000	1.361356817	-2.670353756	-13.99312577	-8.046505053	-12.67587747	-9.001170571	0.0398738	0.1568012	0.0540023	0.1258586	-10.262536
6525000000	1.361356817	-2.617993878	-14.88816965	-8.737089404	-10.72860616	-9.275819385	0.0324476	0.1337492	0.084555	0.1181457	-10.351542
6525000000	1.361356817	-2.565634	-9.921955522	-8.785733524	-9.613517598	-9.244336978	0.1018133	0.1322594	0.1093161	0.1190053	-9.3704767
6525000000	1.361356817	-2.513274123	-7.015244128	-8.255768406	-9.330438074	-9.301802847	0.1988271	0.149425	0.1166692	0.117441	-8.3686677
6525000000	1.361356817	-2.460914245	-6.643657634	-7.554110908	-9.703598333	-9.261641015	0.2165879	0.175626	0.1070632	0.1185321	-8.112056
6525000000	1.361356817	-2.408554368	-8.646416315	-7.192353164	-10.5159637	-8.751918344	0.136571	0.1908819	0.0887981	0.1323933	-8.6205738
6525000000	1.361356817	-2.35619449	-10.58046989	-7.461290799	-10.97448447	-8.37034392	0.0874889	0.17942	0.0799009	0.1455344	-0.909711
6525000000	1.361356817	-2.303834613	-7.670426783	-7.933677567	-10.52991167	-8.77912325	0.1709847	0.1609282	0.0872386	0.1324609	-8.6042591
6525000000	1.361356817	-2.251474735	-4.868107035	-7.54025139	-10.21037603	-9.911802131	0.3259788	0.1761155	0.0952714	0.1020516	-7.573237
6525000000	1.361356817	-2.199114858	-3.655756451	-6.727504149	-10.22874704	-11.12404852	0.4309475	0.2124465	0.0948692	0.071961	-6.9065772
6525000000	1.361356817	-2.14675498	-3.491465086	-6.799527661	-9.834926078	-11.65729183	0.4475623	0.2089523	0.1038731	0.0682761	-6.8386113
6525000000	1.361356817	-2.094395102	-3.861917402	-7.587631765	-8.68548573	-11.07194989	0.4109682	0.1742757	0.1353479	0.1071277	-6.996657
6525000000	1.361356817	-2.040235225	-4.504680584	-7.0587512	-7.169756945	-9.577215042	0.3544312	0.1968452	0.1671184	0.1122426	-6.8370488
6525000000	1.361356817	-1.989675347	-5.103195037	-5.28928083	-7.398070703	-8.036555934	0.3088023	0.2958502	0.1820509	0.1571609	-6.2715042
6525000000	1.361356817	-1.93731547	-5.204991273	-4.335578202	-7.118217741	-7.105468966	0.3016483	0.368504	0.1941683	0.1947391	-5.7713959
6525000000	1.361356817	-1.884955592	-4.881149428	-4.686935364	-6.63072556	-6.778254299	0.3250013	0.339865	0.2172338	0.2099784	-5.3704767
6525000000	1.361356817	-1.832595715	-4.340876185	-5.482923415	-6.487949657	-6.584888396	0.3680547	0.2829487	0.2601387	0.2195387	-4.8471995
6525000000	1.361356817	-1.780235837	-3.125807828	-5.039515379	-4.603094465	-6.099361415	0.486877	0.3133635	0.3464899	0.245507	-4.5834671
6525000000	1.361356817	-1.72787596	-1.1770056	-3.747861887	-3.177166342	-5.430055866	0.7626046	0.4219042	0.4811532	0.2864411	-3.1156325
6525000000	1.361356817	-1.675516082	0.520937935	-3.0561964	-2.284707012	-5.021771445	1.1274409	0.4953795	0.5909208	0.3146465	-1.9921631
6525000000	1.361356817	-1.623156204	1.487788881	-3.186144631	-2.13152871	-5.037911372	1.4085715	0.4801595	0.6121356	0.3134793	-1.5268253
6525000000	1.361356817	-1.570796327	2.081475525	-3.531903958	-2.06582896	-5.087972467	1.6149071	0.4434142	0.6213577	0.3098866	-1.264519
6525000000	1.361356817	-1.518436449	2.888203461	-3.356253027	-1.191264885	-4.592311599	1.9445555	0.4617158	0.7601049	0.3473512	-0.5629193
6525000000	1.361356817	-1.466076572	3.913891215	-2.74429331	-0.27116859	-3.56760281	2.462573	0.5319253	1.0512763	0.3497843	-0.4975658
6525000000	1.361356817	-1.413716694	4.580028799	-2.255570285	1.094291163	-2.168509715	2.8707996	0.5948986	1.2865572	0.5472037	1.2217156
6525000000	1.361356817	-1.361356817	4.451035221	-2.263205468	0.965451274	-2.719390349	2.7867854	0.5938537	1.2489506	0.6054259	1.1685798
6525000000	1.361356817	-1.308996939	3.660413104	-2.755121642	0.251525223	-2.162006117	2.3229577	0.5302587	1.0596258	0.6078542	0.5314535
6525000000	1.361356817	-1.256637061	3.024412438	-3.404609264	0.027383283	-2.11561864	2.0650696	0.4566033	1.0063252	0.6143815	0.0900665
6525000000	1.361356817	-1.204277184	3.13875105	-3.798960464	0.68489134	-1.742039054	2.0600374	0.1469692	1.1708167	0.6695702	0.3316164
6525000000	1.361356817	-1.151917306	3.324585181	-3.866768987	1.27679241	-1.272654976	2.1500993	0.4105094	1.3417736	0.7459992	0.6524115
6525000000	1.361356817	-1.099557429	2.914780218	-4.129106777	0.977504691	-1.142984945	1.9564918	0.3864465	1.2524214	0.768602	0.3872093
6525000000	1.361356817	-1.047197551	2.360482759	-5.011435889	-0.156900767	-1.498396605	1.72206	0.3153962	0.9645171	0.7082072	0.3266649
6525000000	1.361356817	-0.994837674	2.683852338	-5.997284833	-1.194639327	-2.063418875	1.8551765	0.2513457	0.7595144	0.6218106	-0.5905205
6525000000	1.361356817	-0.942477796	3.396670543	-5.91778555	-1.207253111	-2.408295341	2.1860851	0.2559891	0.7573117	0.5742585	-0.2529902
6525000000	1.361356817	-0.890117919	3.435935678	-5.013870484	-0.689316935	-2.460913176	2.2059394	0.3152194	0.8532343	0.5674253	-0.0663396
6525000000	1.361356817	-0.837758041	2.698112948	-4.410414952	-0.583101208	-2.572294249	1.8612782	0.3622084	0.8743592	0.5503579	-0.3965962
6525000000	1.361356817	-0.785398163	1.973804402	-4.491625678	-0.820539163	-3.086374588	1.5753623	0.3554982	0.8278394	0.913178	-0.9017426
6525000000	1.361356817	-0.733038286	1.995536397	-5.102822209	-0.565918608	-4.081249953	1.5832651	0.3088288	0.8778254	0.3907784	-1.022839
6525000000	1.361356817	-0.680678406	2.157012559	-6.145419345	-0.370406231	-5.494842641	1.643241	0.2429171	1.0733482	0.9851358	-0.908932
6525000000	1.361356817	-0.628318531	1.600768958	-7.627531367	0.916941132	-7.094870518	1.4456957	0.1726819	1.2350772	0.1952149	-1.1794961
6525000000	1.361356817	-0.575958653	0.159942103	-9.08355585	0.545443292	-8.994836836	1.0375146	0.1234936	1.1338206	0.1260423	-2.1808834
6525000000	1.361356817	-0.523598776	-1.499615573	-9.960126947	-0.764612697	-11.21082696	0.7080085	0.1009223	0.8385675	0.1956689	-3.6732257
6525000000	1.361356817	-0.471238898	-2.25701232	-10.5981999	-2.173673391	-13.63368671	0.5947011	0.0871325	0.6062234	0.0433143	-4.7776081
6525000000	1.361356817	-0.41887902	-2.424989042	-11.24144747	-2.896977621	-14.51389848	0.5721384	0.0751372	0.5132184	0.035368	-5.2437891
6525000000	1.361356817	-0.366519143	-3.103927785	-11.29394022	-3.311825232	-13.26881327	0.4893361	0.0742345	0.4664633	0.0471106	-5.6978603
6525000000	1.361356817	-0.314159265	-10.46195563	-4.428181342	-12.28910341	-12.28910341	0.3475684	0.0899093	0.3607297	0.0590323	-5.6895777
6525000000	1.361356817	-0.261799388	-6.103662036	-9.569329837	-6.654638919	-11.76447385	0.245264	0.1104249	0.216041	0.066612	-7.9700665
6525000000	1.361356817	-0.20943951									

6525000000	1.361356817	2.199114858	-9.221958819	-2.369466866	-9.194676813	-8.579417037	0.1196201	0.5794998	0.1203739	0.1386942	-6.2060926
6525000000	1.361356817	2.251474735	-8.376220504	-3.210955655	-9.09709144	-10.02397117	0.1453376	0.4774242	0.1231093	0.0994496	-6.7503851
6525000000	1.361356817	2.303834613	-8.102111052	-5.272729116	-9.785345181	-9.935878869	0.1548064	0.2969799	0.1050668	0.1014874	-7.8360941
6525000000	1.361356817	2.35619449	-7.730124055	-9.011704071	-12.16605318	-8.340851598	0.1686505	0.1255537	0.0607288	0.146526	-9.0182451
6525000000	1.361356817	2.408554368	-7.402122777	-9.954914912	-14.8071901	-6.395760177	0.1818812	0.1010435	0.0330583	0.2293103	-8.6542963
6525000000	1.361356817	2.460914245	-7.517436238	-7.207225067	-13.79230266	-5.556789053	0.1771154	0.1902293	0.0417609	0.2781769	-7.6492466
6525000000	1.361356817	2.513274123	-7.065927099	-6.682122461	-14.04335894	-5.90427149	0.1965202	0.1246781	0.0394152	0.2596769	-7.5239465
6525000000	1.361356817	2.565634	-5.956260612	-7.962258794	-14.18194242	-6.565099668	0.2537312	0.1598726	0.0381773	0.2205414	-7.744823
6525000000	1.361356817	2.617993878	-6.059473192	-8.095813881	-10.38201468	-7.729924069	0.2477723	0.155031	0.0915796	0.1870715	-7.6862314
6525000000	1.361356817	2.703535756	-8.579011195	-7.543077909	-8.820623236	-8.803772099	0.1387072	0.1760728	0.1312012	0.1317112	-8.4036634
6525000000	1.361356817	2.722713633	-11.50321684	-8.866377729	-10.10744974	-10.75579032	0.0707422	0.1298262	0.0975562	0.0840274	-10.198239
6525000000	1.361356817	2.775073511	-9.739279206	-12.24545616	-11.52503117	-12.18215229	0.1061872	0.0596286	0.0703877	0.0605041	-11.297314
6525000000	1.361356817	2.827433388	-9.529504894	-15.57969752	-11.01622653	-13.97270837	0.1114422	0.0276713	0.0791366	0.0400617	-11.899158
6525000000	1.361356817	2.879793266	-10.43207767	-17.53032867	-11.75402272	-14.86611317	0.0905299	0.017659	0.0667725	0.0326128	-12.848863
6525000000	1.361356817	2.932153143	-8.531943357	-21.75927066	-14.32450325	-14.73238035	0.1402186	0.0066692	0.0369445	0.0337033	-12.645297
6525000000	1.361356817	2.984513021	-8.171893015	-23.28774862	-17.11861881	-16.61525709	0.1523389	0.0046906	0.019415	0.0218009	-13.04857
6525000000	1.361356817	3.036872899	-11.44682655	-18.10521289	-19.85773	-19.93855115	0.0716667	0.0154696	0.010333	0.0101425	-15.702001
6525000000	1.361356817	3.089232776	-16.65183503	-19.36136792	-21.3514332	-20.83117439	0.021618	0.0115841	0.0073258	0.0082581	-19.137635
6525000000	1.361356817	3.141592654	-17.03597988	-21.7437623	-21.05199194	-19.7504508	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.413716694	-3.141592654	-17.03598005	-21.74376246	-21.05199195	-19.75045107	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.413716694	-3.089232776	-18.15479795	-13.70642026	-22.0144428	-16.87159112	0.015294	0.0425949	0.0057353	0.0205514	-16.768738
6525000000	1.413716694	-3.036872899	-19.1747617	-10.21800049	-21.25837317	-13.6798673	0.0120927	0.0951043	0.0074845	0.0428562	-14.046757
6525000000	1.413716694	-2.984513021	-18.1805163	-8.832695091	-18.22557901	-10.97673772	0.0152037	0.130837	0.0150467	0.0798594	-12.201388
6525000000	1.413716694	-2.932153143	-16.91980282	-7.94680656	-16.95735676	-9.541039389	0.0203245	0.1604425	0.0201487	0.1111465	-11.078188
6525000000	1.413716694	-2.879793266	-14.38095826	-7.243853315	-16.80483856	-9.573168878	0.0364673	0.1886317	0.0208697	0.1003459	-10.502629
6525000000	1.413716694	-2.827433388	-11.28710374	-6.796633535	-16.94021615	-9.990302481	0.0743515	0.2090916	0.0202292	0.1002235	-9.9579061
6525000000	1.413716694	-2.775073511	-9.455171232	-6.640348956	-16.96487941	-9.572494674	0.113366	0.216753	0.0201146	0.1032445	-9.3875671
6525000000	1.413716694	-2.722713633	-9.346207508	-6.88940447	-15.88347303	-9.151112613	0.1162643	0.2046725	0.025802	0.1215874	-9.3152817
6525000000	1.413716694	-2.670353756	-10.71503225	-7.48987983	-13.28635363	-9.153718646	0.0848197	0.1782428	0.0469207	0.1215145	-9.6708146
6525000000	1.413716694	-2.617993878	-11.86146955	-8.191435733	-10.96625915	-9.106902978	0.0651408	0.1516549	0.0800523	0.1228315	-9.7914221
6525000000	1.413716694	-2.565634	-9.575596328	-8.562060331	-9.754325417	-9.10789676	0.1102657	0.1392496	0.1058199	0.1228034	-9.5875671
6525000000	1.413716694	-2.513274123	-6.89313044	-8.162032501	-9.402799322	-9.078738722	0.2044969	0.1526851	0.1147414	0.1236306	-8.2713882
6525000000	1.413716694	-2.460914245	-6.2693216	-7.361925888	-9.66129621	-8.424450996	0.2360847	0.1835724	0.1081111	0.1437325	-7.7501352
6525000000	1.413716694	-2.408554368	-8.14951191	-6.909983726	-10.3493442	-7.708713616	0.153126	0.203705	0.0922711	0.169484	-8.1065992
6525000000	1.413716694	-2.35619449	-10.96691272	-7.140698892	-10.70152443	-7.941991922	0.0800403	0.1931657	0.0850839	0.1606204	-8.869676
6525000000	1.413716694	-2.303834613	-8.457205172	-7.807594512	-10.33546273	-9.233720601	0.1426525	0.1656687	0.0925665	0.1129266	-8.8590275
6525000000	1.413716694	-2.251474735	-5.293011371	-7.937201136	-10.08120808	-10.59362472	0.2955962	0.1607977	0.0981475	0.0872248	-7.9468347
6525000000	1.413716694	-2.199114858	-3.714796338	-7.285536945	-10.20713175	-10.96482534	0.4251286	0.1868299	0.0953426	0.0800783	-7.0587569
6525000000	1.413716694	-2.1467584	-3.096751527	-6.987761027	-9.770875693	-9.641913063	0.4901453	0.2000893	0.1054174	0.0852289	-6.5714277
6525000000	1.413716694	-2.094395102	-2.974416043	-7.345559458	-8.515835364	-9.880745862	0.5041484	0.1842655	0.1407397	0.102784	-6.3267136
6525000000	1.413716694	-2.042035225	-3.099689209	-7.102772066	-7.560623316	-8.309039486	0.4989139	0.19486	0.1753629	0.1476033	-5.9875455
6525000000	1.413716694	-1.989675347	-3.130189693	-5.687345492	-7.197127859	-6.750971926	0.486386	0.2699389	0.1906721	0.2113016	-5.3823947
6525000000	1.413716694	-1.93731547	-2.915916665	-4.617307784	-6.934612316	-5.98894425	0.5109852	0.3453578	0.202553	0.2518289	-4.8454843
6525000000	1.413716694	-1.884955592	-2.81143664	-4.711630657	-6.452798145	-6.020931297	0.5234273	0.3379379	0.2263186	0.299809	-4.7571273
6525000000	1.413716694	-1.832595715	-3.008796862	-5.48119966	-5.656643556	-6.188875496	0.5001731	0.283061	0.2718539	0.2404985	-4.8959355
6525000000	1.413716694	-1.78235837	-2.905498079	-5.389500111	-4.385665377	-5.760188553	0.5122125	0.2891013	0.3665509	0.265449	-4.4571872
6525000000	1.413716694	-1.72787596	-1.86825995	-4.206577456	-2.855654548	-4.851275915	0.6503902	0.379614	0.518125	0.3272445	-3.2897215
6525000000	1.413716694	-1.675516082	-0.672025935	-3.322967195	-1.907699151	-4.147617747	0.8566381	0.4652681	0.6445106	0.384802	-2.3076678
6525000000	1.413716694	-1.623156204	-0.055768916	-3.261485769	-1.736316155	-3.953796194	0.9872408	0.4719016	0.6704531	0.4023652	-1.9876039
6525000000	1.413716694	-1.570796327	0.288304383	-3.60382991	-1.676704771	-3.956781756	1.0686376	0.4361311	0.6797192	0.4020887	-1.893467
6525000000	1.413716694	-1.518436449	1.086401987	-3.613881918	-1.6707937174	-3.607148876	1.2842223	0.4351228	0.8329678	0.4357979	-1.266663
6525000000	1.413716694	-1.466076572	2.275686971	-3.134809266	0.64077704	-2.817575942	1.688763	0.4858689	1.1589487	0.5226789	-0.1588867
6525000000	1.413716694	-1.413716694	2.665978761	-2.665978761	1.544491441	-2.071892494	2.0389442	0.5412553	1.4270827	0.6205976	-0.3322028
6525000000	1.413716694	-1.361356817	3.103746442	-2.688654544	1.4337146	-1.798164183	2.0435	0.5384366	1.391142	0.6609728	-0.6390085
6525000000	1.413716694	-1.308996939	2.561951718	-3.276787465	0.723075657	-1.939548778	1.8038282	0.4702418	1.1811568	0.6398013	-0.101969
6525000000	1.413716694	-1.256637061	2.329848808	-4.035481862	0.491141907	-2.031915078	1.7099558	0.3948679	1.1197323	0.6263373	-0.1649852
6525000000	1.413716694	-1.204277184	2.723929316	-4.392764551	1.13281586	-1.731505884	1.8723754	0.3636835	1.2980206	0.6711961	-0.2173447
6525000000	1.413716694	-1.151917306	2.948845343	-4.281636761	1.694025104	-1.264305696	1.9718984	0.3731095	1.4770749	0.7474821	-0.5780973
6525000000	1.413716694	-1.099557429	2.441595257	-4.346765517	1.339768376	-1.095733889	1.7545249	0.3675559	1.3613721	0.7770091	-0.7379867
6525000000	1.413716694	-1.047197551	1.705097042	-5.004975388	0.104607762	-1.381628639	1.4808453	0.3158657	1.0243793	0.7275069	-0.5200328
6525000000	1.413716694	-0.994837674	1.995180907	-5.666313446	-1.083146736	-1.837915	1.5831355	0.2712493	0.7792653	0.6549505	-0.8504885
6525000000	1.413716694	-0.944277796	2.941488733	-5.384069931	-1.242081344	-2.064011137	1.968561	0.289463	0.7512628	0.6217258	-0.4023825
6525000000	1.413716694	-0.890117919	3.285550391	-4.54050613	-0.82765149	-2.054082268	2.1308606	0.3515195	0.8264848	0.6231488	-0.0744497
6525000000	1.413716694	-0.837758041	2.757716821	-4.002451926	-0.801826077	-2.189355166	1.8869991	0.3978825	0.8314141	0.6040383	-0.3147807
6525000000	1.413716694	-0.785398163	1.950211315	-4.106380526	-1.119295602	-2.783803922	1.5668273	0.388474	0.7728059	0.5267683	-0.8952561
6525000000	1.413716694	-0.733038286	1.700835918	-4.866258262	-0.919831078	-3.837190708	1.4793931	0.3261176	0.8091288	0.4133148	-1.2091069
6525000000	1.413716694	-0.680678408	1.775784075	-6.205018582	-0.036688861	-5.141897526	1.5051452	0.2396062	0.9920444	0.3060626	-1.187784
6525000000	1.413716694	-0.628318531	1.278								

6525000000	1.413716694	1.780235837	-5.176336535	-2.636038408	-4.248083865	-3.14886624	0.3036451	0.5449996	0.3760033	0.4842992	-3.6933135
6525000000	1.413716694	1.832595715	-5.351344251	-1.588025683	-5.317618152	-2.735678487	0.2916524	0.6937411	0.2939261	0.532638	-3.4391195
6525000000	1.413716694	1.884955592	-5.561784016	-0.629875617	-5.492728517	-2.764799702	0.2778572	0.8649927	0.2823106	0.5290784	-3.1108235
6525000000	1.413716694	1.93731547	-6.382999008	-0.338538876	-5.598688071	-3.44735625	0.2298593	0.9250093	0.2755054	0.4521311	-3.2729474
6525000000	1.413716694	1.98675347	-7.331586455	-0.618958939	-6.583754243	-4.380452238	0.1848593	0.8671697	0.2195961	0.364716	-3.8818656
6525000000	1.413716694	2.042035225	-7.948228047	-1.092882662	-9.453302591	-5.039070254	0.16039	0.7775203	0.1427808	0.3133957	-4.5777021
6525000000	1.413716694	2.094395102	-8.646384836	-1.522929389	-9.630150468	-5.681939297	0.136572	0.7042179	0.1088892	0.2702751	-5.1751646
6525000000	1.413716694	2.14675498	-9.043017139	-2.048970962	-9.427178654	-6.99687452	0.1246517	0.6238826	0.1140991	0.1996699	-5.7581145
6525000000	1.413716694	2.199114858	-8.264247067	-2.813898974	-9.210946915	-8.798563247	0.1491335	0.5231306	0.1199238	0.1318693	-6.3636115
6525000000	1.413716694	2.251474735	-7.231908876	-3.94959978	-9.235272633	-9.74958735	0.1891512	0.4027541	0.1192539	0.1059354	-6.8978758
6525000000	1.413716694	2.303834613	-6.695415226	-6.09227087	-9.839226213	-9.228150239	0.214002	0.2459081	0.1037713	0.1194497	-7.6754317
6525000000	1.413716694	2.35619449	-6.526694987	-10.06173668	-11.91680518	-7.525738003	0.2225002	0.0985885	0.0643161	0.1767772	-8.5218305
6525000000	1.413716694	2.408554368	-6.90164261	-11.24154842	-14.25131705	-5.889971013	0.2040966	0.0751355	0.0375723	0.2576338	-8.4281663
6525000000	1.413716694	2.460914245	-7.776705143	-7.859260543	-13.46398921	-5.367581066	0.1668513	0.1637095	0.0450403	0.2905641	-7.784781
6525000000	1.413716694	2.513274123	-7.418110516	-6.841706536	-14.13688201	-5.734181579	0.1812128	0.2069328	0.0385755	0.2670434	-7.6084788
6525000000	1.413716694	2.565634	-6.004259456	-7.506096956	-15.59266522	-5.983937715	0.2509424	0.1775785	0.0275888	0.2521194	-7.5188623
6525000000	1.413716694	2.617993878	-6.090528673	-7.420860212	-11.28120426	-6.068732622	0.2460068	0.1810981	0.0744525	0.2472446	-7.2769297
6525000000	1.413716694	2.670353756	-8.930869793	-7.247111265	-9.349997911	-6.87972803	0.1279125	0.1884902	0.1161449	0.2051291	-7.9745802
6525000000	1.413716694	2.722713633	-12.24848329	-9.15633404	-10.67652433	-8.632977149	0.059587	0.1214414	0.0855751	0.1369942	-9.9611127
6525000000	1.413716694	2.775073511	-9.985445045	-13.80761992	-12.18408994	-11.3006735	0.1003357	0.0416139	0.0604771	0.0741195	-11.602923
6525000000	1.413716694	2.827433388	-9.670452211	-18.24826502	-11.40508747	-15.13711238	0.1078834	0.0149683	0.0723588	0.03064	-12.482388
6525000000	1.413716694	2.879793266	-10.53012807	-19.03272072	-12.07157184	-16.86070242	0.088509	0.0124948	0.0620644	0.026063	-13.380191
6525000000	1.413716694	2.9325153143	-8.586079838	-24.06650148	-14.70121282	-16.24803727	0.1384816	0.0039206	0.0338775	0.0237245	-13.010266
6525000000	1.413716694	2.984513021	-8.235862798	-24.59407194	-17.30650169	-18.20848364	0.1501114	0.0034721	0.018593	0.051061	-13.295625
6525000000	1.413716694	3.036872899	-11.52981775	-18.15975675	-19.78039955	-21.17065764	0.0703102	0.0152765	0.0105187	0.0076372	-15.861031
6525000000	1.413716694	3.089232776	-16.79731811	-19.44653161	-21.29534301	-21.09703094	0.0209059	0.0113592	0.0074209	0.0077678	-19.257897
6525000000	1.413716694	3.141592654	-17.03598005	-21.74376246	-21.05199195	-19.75045107	0.019788	0.006693	0.0078488	0.0105914	-19.496802
6525000000	1.466076572	-3.141592654	-17.03597997	-21.74376262	-21.05199197	-19.75045047	0.019788	0.006693	0.0078488	0.0105914	-19.496802
6525000000	1.466076572	-3.089232776	-18.06940475	-13.82305622	-22.46557124	-16.83620395	0.0155977	0.0414662	0.0056682	0.0207195	-16.806255
6525000000	1.466076572	-3.036872899	-19.36612182	-10.22839656	-11.24146105	-13.64177159	0.0115715	0.0948769	0.0076887	0.0432337	-14.051395
6525000000	1.466076572	-2.984513021	-18.28119124	-8.700349605	-18.034601	-10.93488833	0.0148553	0.1348826	0.0157382	0.0806327	-12.103929
6525000000	1.466076572	-2.932153143	-16.89177472	-7.797306275	-16.8382532	-9.545720946	0.0204561	0.1660617	0.0207097	0.1110268	-10.992857
6525000000	1.466076572	-2.879793266	-15.06591966	-7.126291681	-16.92426894	-9.583396651	0.0311464	0.1938076	0.0203036	0.1100678	-10.514337
6525000000	1.466076572	-2.827433388	-12.42383129	-6.684732945	-17.45946798	-9.956957339	0.0572291	0.2145491	0.0179495	0.100996	-10.101902
6525000000	1.466076572	-2.775073511	-10.13806212	-6.534787363	-18.05630804	-9.734039575	0.096871	0.222086	0.0156448	0.1063154	-9.5770297
6525000000	1.466076572	-2.722713633	-9.040122963	-6.689519737	-17.23984899	-9.473006817	0.1247348	0.2143128	0.0188806	0.1129014	-9.2919628
6525000000	1.466076572	-2.670353756	-9.202586068	-7.045392536	-14.19079198	-9.150357768	0.1201549	0.1974516	0.0380996	0.1216086	-9.2325515
6525000000	1.466076572	-2.617993878	-9.922498581	-7.608204011	-11.59923985	-6.890529829	0.1018006	0.1734521	0.0691952	0.1351908	-9.2114583
6525000000	1.466076572	-2.565634	-9.174914461	-8.166560387	-10.28132111	-8.34661473	0.1209229	0.155256	0.0937277	0.1401309	-9.8678871
6525000000	1.466076572	-2.513274123	-7.360944005	-8.009073818	-9.77490646	-8.189444612	0.1836139	0.1581585	0.1053196	0.1517244	-8.2476623
6525000000	1.466076572	-2.460914245	-6.895318105	-7.259042836	-9.825245687	-7.280184838	0.204394	0.1879731	0.1041059	0.1870603	-7.6730031
6525000000	1.466076572	-2.408554368	-8.908641825	-6.763962902	-10.28320855	-6.85278854	0.1285689	0.2106705	0.093687	0.2064054	-7.5683874
6525000000	1.466076572	-2.35619449	-12.93364833	-6.828825869	-10.39541171	-7.607438458	0.0508903	0.2075475	0.0912975	0.1734827	-8.833737
6525000000	1.466076572	-2.303834613	-10.54675682	-7.270994751	-9.94533571	-8.876106999	0.0881707	0.1874565	0.1012667	0.1295356	-8.9754095
6525000000	1.466076572	-2.251474735	-6.497954262	-7.573047627	-9.751519651	-8.987974755	0.2239776	0.1748619	0.1058883	0.1624216	-8.0205167
6525000000	1.466076572	-2.199114858	-4.346683195	-7.36026231	-9.952433581	-8.348110749	0.3675629	0.1836276	0.1011013	0.1462813	-6.9974531
6525000000	1.466076572	-2.14675498	-3.40731444	-7.021693889	-9.536515574	-8.061165389	0.456319	0.198532	0.1112624	0.1562728	-6.3714716
6525000000	1.466076572	-2.094395102	-3.234195522	-6.907001504	-8.27668483	-7.61472673	0.4748762	0.2038449	0.148707	0.1731918	-6.0179082
6525000000	1.466076572	-2.042035225	-3.39027761	-6.56622309	-7.309644092	-6.362049494	0.4581126	0.2204843	0.1857957	0.231095	-5.624525
6525000000	1.466076572	-1.98675347	-3.285258395	-5.544069595	-6.912933404	-5.038754227	0.4693255	0.2789928	0.2035667	0.3134185	-4.9986529
6525000000	1.466076572	-1.93731547	-2.889293439	-4.559018783	-6.621701075	-4.446838993	0.5141273	0.3500242	0.2176857	0.3591833	-4.4389893
6525000000	1.466076572	-1.884955592	-2.847418192	-4.356196258	-6.149019214	-4.574730584	0.5191085	0.3665787	0.2427158	0.3487602	-4.3257858
6525000000	1.466076572	-1.832595715	-3.458488525	-4.739547282	-5.381378627	-4.736836193	0.4509736	0.3357726	0.2896424	0.3359823	-4.5211122
6525000000	1.466076572	-1.780235837	-4.143010949	-4.713416598	-4.078460586	-4.248192878	0.3852112	0.337799	0.3909795	0.3759938	-4.2887854
6525000000	1.466076572	-1.72787596	-3.994123197	-3.866455183	-2.58232324	-3.369643694	0.3986462	0.410391	0.5586975	0.4602943	-3.8400471
6525000000	1.466076572	-1.675516082	-3.497127448	-3.054185632	-1.535790124	-2.817462401	0.4469791	0.4949729	0.7021356	0.5227015	-3.6624334
6525000000	1.466076572	-1.623156204	-3.484570874	-2.872735332	-1.345325739	-2.902744442	0.4482733	0.5160912	0.7336317	0.5125374	-3.5794165
6525000000	1.466076572	-1.570796327	-3.396501094	-3.124226592	-1.285161882	-3.371380009	0.4574566	0.4870543	0.7438473	0.4601103	-2.69931
6525000000	1.466076572	-1.518436449	-2.050984615	-3.182442196	-0.932332762	-3.639275137	0.6235934	0.480569	0.9136224	0.432586	-2.1287137
6525000000	1.466076572	-1.466076572	-0.11691699	-2.750260754	1.069401954	-3.424502955	0.973438	0.5308526	1.2792051	0.4545166	-0.917815
6525000000	1.466076572	-1.413716694	1.202642632	-2.220252602	0.069068755	-3.099389803	1.3190591	0.5997562	1.5874384	0.4898476	-0.004235
6525000000	1.466076572	-1.361356817	1.646993009	-2.127265475	1.933042837	-3.145264975	1.4611651	0.6127361	1.5606456	0.4847005	-0.1275788
6525000000	1.466076572	-1.308969391	1.666479979	-2.588954013	1.259314619	-3.541936217	1.4677362	0.5509404	1.3363846	0.4423911	-0.2256767
6525000000	1.466076572	-1.256637061	1.955809148	-3.184071572	1.053530553	-3.738119477	1.5688482	0.4803888	1.2745388	0.4285185	-0.2814949
6525000000	1.466076572	-1.2042771306	2.496620834	-3.337921928	1.698276973	-3.300502103	1.7768693	0.4636687	1.4785217	0.4676811	-0.1981888
6525000000	1.466076572	-1.1519177306	2.61109793	-3.086089685	2.282881042	-3.252881042	1.8243569	0.4913501	1.6780851	0.5593864	0.5625467
6525000000	1.466076572	-1.099557429	1.916205868	-3.058332541	1.873440381	-1.966544137	1.5546069	0.4945005	1.5393736	0.6358637	0.2369658
6525000000	1.466076572	-1.047									

6525000000	1.466076572	1.361356817	-0.434557191	3.718721757	1.531550203	0.785839713	0.9047827	2.3543562	1.4228366	1.1983508	1.6734143
6525000000	1.466076572	1.413716694	-1.071739981	2.947669018	1.120139442	0.351024254	0.7813147	1.9713644	1.2942374	1.0841826	1.0815041
6525000000	1.466076572	1.862595715	-1.869502391	1.458927941	1.458927941	-0.782297505	0.6502042	1.3992419	1.0557338	0.8351611	-0.0652619
6525000000	1.466076572	1.518436449	-2.103345465	-0.594661051	-0.552932115	-2.267999095	0.6161202	0.872035	0.8804542	0.5931986	-1.3050309
6525000000	1.466076572	1.570796327	-1.799945044	-2.812193545	-0.90774188	-3.367122998	0.6607018	0.523336	0.8113828	0.4605608	-1.218349
6525000000	1.466076572	1.623156204	-1.722552591	-4.567695214	-1.094974781	-3.833977191	0.6725812	0.3493257	0.7771458	0.4136207	-2.5714267
6525000000	1.466076572	1.675516082	-2.427578311	-5.453277481	-1.588187141	-4.240646629	0.5717974	0.2848868	0.6937153	0.3766477	-3.4176674
6525000000	1.466076572	1.72787596	-3.722165881	-5.079508731	-2.621414983	-4.722981595	0.4244079	0.3104911	0.5468378	0.3370558	-3.928688
6525000000	1.466076572	1.780235837	-4.642881265	-3.441380433	-4.013781403	-4.755826317	0.3433301	0.4527356	0.3968459	0.3345164	-4.1809413
6525000000	1.466076572	1.832595715	-4.641566952	-1.71406826	-5.122656715	-4.440242805	0.343434	0.6738965	0.3074216	0.267932	-3.7559381
6525000000	1.466076572	1.884955592	-4.546905248	-0.727970303	-5.484137401	-4.510362641	0.3510019	0.845674	0.2828696	0.3539678	-3.3877594
6525000000	1.466076572	1.93731547	-5.005113361	-0.625228469	-5.685641119	-5.15959686	0.3158557	0.8659188	0.2700448	0.3048178	-3.5737795
6525000000	1.466076572	1.989675347	-5.761862388	-1.212638903	-6.613009453	-5.96172395	0.2653467	0.7563732	0.2181218	0.2534123	-4.2792632
6525000000	1.466076572	2.042035225	-6.472019036	-2.072930571	-8.315748567	-6.680987939	0.2253191	0.6204502	0.1473754	0.2147342	-5.2003656
6525000000	1.466076572	2.094395102	-7.291300148	-2.891893349	-9.346365769	-7.833742652	0.1865821	0.5138196	0.1162421	0.1646743	-6.102502
6525000000	1.466076572	2.14675498	-7.904976467	-3.821703774	-9.129650839	-9.738928992	0.1619953	0.4147913	0.1221898	0.1061957	-6.9617128
6525000000	1.466076572	2.199114858	-7.477121828	-5.000389482	-9.98422211	-10.94184842	0.1787672	0.3161994	0.1262286	0.0805036	-7.5590927
6525000000	1.466076572	2.251474735	-6.498428883	-6.302095645	-9.26963451	-10.25560882	0.2239531	0.2343098	0.1222654	0.0942842	-7.7287683
6525000000	1.466076572	2.303834613	-5.88061412	-8.261592514	-9.74593108	-8.686950717	0.2581895	0.1492247	0.1060247	0.1297493	-7.9372196
6525000000	1.466076572	2.35619449	-5.900454776	-12.07516177	-11.04713678	-6.945283309	0.2570127	0.0620132	0.0674973	0.202056	-8.3225518
6525000000	1.466076572	2.408554368	-6.822797524	-13.00800292	-13.86639474	-5.405753475	0.2078357	0.0500265	0.0410545	0.2880213	-8.3346776
6525000000	1.466076572	2.460914245	-8.397602588	-8.886684109	-13.03569674	-5.102720223	0.1446238	0.1292206	0.0497085	0.308836	-8.0107579
6525000000	1.466076572	2.513274123	-8.076045112	-7.279424673	-13.74664598	-5.7197062	0.1557383	0.187093	0.0422022	0.267935	-7.8716776
6525000000	1.466076572	2.565634	-6.321045548	-7.385626162	-16.59349223	-5.991230331	0.2332896	0.1825733	0.0219104	0.2516964	-7.6354475
6525000000	1.466076572	2.617993878	-6.365779192	-7.396693575	-12.41245205	-5.642762364	0.230899	0.18221087	0.0573793	0.2727243	-7.3100618
6525000000	1.466076572	2.67033576	-9.463646775	-7.772614397	-10.18332898	-5.814689608	0.113145	0.1670085	0.0958666	0.2621386	-7.9713132
6525000000	1.466076572	2.722713633	-13.08782148	-10.23022107	-11.65316352	-7.150365448	0.0491154	0.094837	0.0683414	0.1927363	-9.9457272
6525000000	1.466076572	2.775073511	-10.31622091	-15.45843834	-13.32992903	-9.992000816	0.0929775	0.0284548	0.0464523	0.1001844	-11.738134
6525000000	1.466076572	2.827433388	-9.899886703	-18.80507185	-12.14361577	-4.61802145	0.102332	0.0131672	0.0610434	0.0345301	-12.776281
6525000000	1.466076572	2.879793266	-10.63309377	-19.58685856	-12.66448022	-17.66836011	0.0864352	0.0127149	0.0541442	0.0171066	-13.70588
6525000000	1.466076572	2.923153143	-8.645303881	-25.23232446	-15.23783648	-17.63932941	0.1366059	0.0022976	0.0299376	0.0172213	-13.307705
6525000000	1.466076572	2.984513021	-8.331507249	-25.04848854	-17.50853957	-20.13307565	0.1468417	0.0031272	0.0177479	0.0096988	-13.530699
6525000000	1.466076572	3.036872899	-11.65205852	-18.17107654	-22.43224183	-19.70920514	0.0683588	0.0123268	0.0106925	0.007118	-16.020606
6525000000	1.466076572	3.089232776	-16.95781637	-19.54952954	-21.24191074	-21.30060996	0.0201474	0.0110929	0.0075129	0.0074121	-19.377443
6525000000	1.466076572	3.141592654	-17.03597997	-21.74376262	-21.05199197	-19.7504507	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.518436449	-3.141592654	-17.03597996	-21.74376223	-21.05199191	-19.75045085	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.518436449	-3.089232776	-17.96535236	-13.95791585	-22.1586038	-16.79599955	0.0159759	0.0041984	0.0055994	0.0209122	-16.846289
6525000000	1.518436449	-3.036872899	-19.43148923	-10.26564525	-21.04469722	-13.59266874	0.0113986	0.0940666	0.007862	0.0437253	-14.060152
6525000000	1.518436449	-2.984513021	-18.24137898	-8.605501962	-17.86942072	-10.88538528	0.0149921	0.1378637	0.0163327	0.011557	-12.028269
6525000000	1.518436449	-2.932153143	-16.94397287	-7.681166066	-16.78413692	-9.531013705	0.0202117	0.1705624	0.0209694	0.0814453	-9.926259
6525000000	1.518436449	-2.879793266	-16.20359708	-7.046037883	-17.10701689	-9.534611036	0.0239685	0.1974223	0.019467	0.1113112	-10.553089
6525000000	1.518436449	-2.827433388	-14.46047447	-6.626915475	-17.86769979	-9.862836356	0.0358057	0.2174245	0.0163392	0.1032087	-10.306096
6525000000	1.518436449	-2.775073511	-11.63580618	-6.501261952	-18.820771802	-9.867806766	0.068615	0.2238071	0.0131197	0.1030907	-9.9077214
6525000000	1.518436449	-2.722713633	-9.618422339	-6.596611253	-18.57738102	-9.703207396	0.1091837	0.1284969	0.0138759	0.1070773	-9.9473259
6525000000	1.518436449	-2.670335756	-8.989470165	-6.732215438	-15.40240496	-8.935587703	0.1261981	0.2122162	0.0287048	0.1277736	-9.954888
6525000000	1.518436449	-2.617993878	-9.184042259	-7.07765719	-12.65689957	-8.086971668	0.120669	0.1959902	0.0542388	0.1553778	-8.8087204
6525000000	1.518436449	-2.565634	-8.957361324	-7.651125676	-11.19328289	-7.76825755	0.1271346	0.1717463	0.0759752	0.1671761	-8.6803487
6525000000	1.518436449	-2.513274123	-8.212805134	-7.732804216	-10.42593716	-7.264351322	0.1509105	0.1685464	0.090658	0.1877435	-8.2546161
6525000000	1.518436449	-2.460914245	-8.347343466	-7.182057158	-10.17048131	-6.499339817	0.1463072	0.1913349	0.0961506	0.227021	-7.8198096
6525000000	1.518436449	-2.408554368	-10.66229787	-6.744607044	-10.27215906	-6.315590339	0.0858559	0.2116115	0.0939256	0.2335829	-8.0619671
6525000000	1.518436449	-2.35619449	-15.92863336	-6.0796612	-10.01425066	-7.113520666	0.025535	0.2183752	0.0996644	0.1943784	-8.713156
6525000000	1.518436449	-2.303834613	-13.53377343	-6.584102665	-9.514510333	-7.555576362	0.0443223	0.2195785	0.1144168	0.1755668	-8.586409
6525000000	1.518436449	-2.251474735	-8.217163961	-6.659986809	-9.230045539	-6.766529421	0.1507591	0.2157751	0.1193976	0.210546	-7.59152471
6525000000	1.518436449	-2.199114858	-5.53821574	-6.822201691	-9.48254236	-6.032286178	0.2793691	0.2078643	0.1126538	0.2493282	-6.7304215
6525000000	1.518436449	-2.14675498	-4.608117635	-6.831782532	-9.166570192	-5.917886752	0.3460894	0.2074062	0.1211555	0.2559831	-6.3328101
6525000000	1.518436449	-2.094395102	-4.837028168	-6.540032543	-8.008083575	-5.694840555	0.3283199	0.221818	0.15846	0.2694734	-6.1168948
6525000000	1.518436449	-2.042035225	-5.409398157	-6.047667468	-7.004284846	-4.753213612	0.2877797	0.2484467	0.1975018	0.3347177	-5.7330744
6525000000	1.518436449	-1.989675347	-5.27988397	-5.359318454	-6.590764361	-3.729545011	0.2964911	0.2911174	0.2192419	0.4236784	-5.1196506
6525000000	1.518436449	-1.93731547	-4.598009098	-4.636829914	-6.82054859	-3.35855363	0.3468958	0.3438088	0.236589	0.461758	-4.5934159
6525000000	1.518436449	-1.884955592	-4.444363063	-4.238431267	-5.822529965	-3.664633044	0.3593881	0.3768399	0.2616658	0.4300676	-4.4734353
6525000000	1.518436449	-1.832595715	-5.17187254	-4.109072027	-5.124087486	-4.010464152	0.3039574	0.3882333	0.3073203	0.3971491	-4.5696925
6525000000	1.518436449	-1.780235837	-6.179239692	-3.759332743	-3.849931319	-3.679446442	0.2410327	0.4207913	0.412104	0.4286031	-4.2526649
6525000000	1.518436449	-1.72787596	-6.672478807	-3.013573053	-2.727909027	-2.968716129	0.2151553	0.4996233	0.5925283	0.5048015	-3.4387365
6525000000	1.518436449	-1.675516082	-7.0097204	-2.311012343	-2.148202087	-2.683859464	0.1990802	0.5873524	0.7502361	0.5390314	-2.8489539
6525000000	1.518436449	-1.623156204	-7.597591681	-2.028921376	-1.045162657	-3.201067731	0.1738765	0.6267695	0.7861107	0.4785124	-2.8703833
6525000000	1.518436449	-1.570796327	-6.761092327	-2.045565637	-0.988575018	-4.281764927	0.2108098	0.624372	0.7964206	0.3730985	-3.000104
6525000000	1.518436449	-1.518436449	-3.817582165	-1.9082348	-0.90267277	-5.180625169	0.4151851	0.6444311	0.9794296	0.3033454	-2.3400054
6525000000	1.518436449	-1.466076572									

6525000000	1.518436449	0.942477796	-4.3827516	3.248984389	-1.296899711	-0.374269627	0.3645229	2.1129949	0.7418396	0.9174302	0.1460323
6525000000	1.518436449	0.994837654	-3.705078225	2.220105577	-0.817667051	-1.054991665	0.426081	1.6672877	0.828387	0.7843336	-0.331441
6525000000	1.518436449	1.047197551	-3.204530961	1.346188678	0.328242842	-0.64885493	0.478131	1.3633861	1.0785103	0.8612208	-0.2442481
6525000000	1.518436449	1.0995517429	-3.204520162	1.123128198	1.103809277	0.253957324	0.4781322	1.2951284	1.28938	1.0602194	0.1313859
6525000000	1.518436449	1.1519173209	-3.358805033	1.409228161	1.166444579	0.821868627	0.4614445	1.3833205	1.3081106	1.2083336	0.3746299
6525000000	1.518436449	1.204277184	-2.926610542	1.982698433	1.0831296536	0.153837605	0.5097285	1.5785918	1.2535153	1.2746289	0.6224952
6525000000	1.518436449	1.256637061	-1.881154013	2.652147951	1.189117709	1.306792893	0.6484621	1.8416826	1.3133823	1.3510745	1.1013511
6525000000	1.518436449	1.308996939	-0.989427125	3.091321472	1.703549372	1.636064312	0.7962644	2.037662	1.4803177	1.4574928	1.5924654
6525000000	1.518436449	1.361356817	-0.829249285	3.011762413	1.917923732	1.644702615	0.8261807	2.0006736	1.5552219	1.4603947	1.6453658
6525000000	1.518436449	1.4131716694	-1.392661581	2.29148835	1.465025782	0.931087163	0.7256611	1.6949186	1.4012079	1.2391067	1.0216727
6525000000	1.518436449	1.466076572	-2.097319995	0.925186088	0.556603649	-0.566835743	0.6169756	1.2374242	1.136738	0.87764	-0.144862
6525000000	1.518436449	1.518436449	-2.238241038	-1.058573707	-0.223188377	-2.407047832	0.5972771	0.783687	0.9499072	0.5745069	-1.3885733
6525000000	1.518436449	1.570796327	-1.843331714	-3.596647657	-0.564816894	-3.725739058	0.6541342	0.4368259	0.8780481	0.4240588	-2.2310024
6525000000	1.518436449	1.623156204	-1.657519073	-6.408041893	-0.78081617	-4.294357407	0.6827286	0.228663	0.835446	0.3720183	-2.7595859
6525000000	1.518436449	1.675516082	-2.222930757	-8.549664755	-1.325251329	-4.743104325	0.5993865	0.1396476	0.7370125	0.3354977	-3.4401103
6525000000	1.518436449	1.72787596	-3.328190128	-8.340828773	-2.347741873	-5.015492293	0.4647089	0.1465268	0.582406	0.3151017	-4.2344461
6525000000	1.518436449	1.780235837	-4.012843379	-6.168713796	-3.631623294	-4.52802169	0.3969316	0.2416176	0.433348	0.3525314	-4.8419131
6525000000	1.518436449	1.832595715	-3.76655792	-4.108467838	-4.686349825	-3.782202577	0.4200918	0.3882873	0.3399108	0.4185812	-4.0702669
6525000000	1.518436449	1.884955592	-3.430595646	-2.991499965	-5.172812696	-3.577373632	0.4538794	0.5021691	0.3089162	0.438796	-3.7193408
6525000000	1.518436449	1.93731547	-3.719219578	-2.892549189	-5.4888895	-3.991524291	0.4246959	0.513742	0.2825602	0.3988849	-3.9257634
6525000000	1.518436449	1.989675347	-4.537365819	-3.61912737	-6.361987562	-4.692172192	0.3517737	0.4345975	0.2311007	0.3394554	-4.6950337
6525000000	1.518436449	2.042035225	-5.50842165	-4.726359016	-7.871822026	-5.604750085	0.2812923	0.3367938	0.1632367	0.1751218	-5.7821327
6525000000	1.518436449	2.0943953802	-6.52663802	-5.842790989	-8.844467343	-7.108537538	0.2225032	0.2600479	0.1304828	0.1946015	-6.9462959
6525000000	1.518436449	2.14675498	-7.310066956	-7.273418497	-8.735363767	-9.151097637	0.1857776	0.1873519	0.1338023	0.1215879	-8.0374111
6525000000	1.518436449	2.199114858	-7.153411104	-9.396836851	-8.63265129	-10.27916896	0.1926012	0.114899	0.1370045	0.0937741	-8.7052625
6525000000	1.518436449	2.251474735	-6.312393407	-11.34067622	-8.811742735	-10.02880856	0.2337549	0.07344	0.1314697	0.0993389	-8.7127498
6525000000	1.518436449	2.303834613	-5.743381076	-12.36566345	-9.467584409	-9.842619621	0.2664783	0.0580008	0.1130424	0.1275669	-8.994357
6525000000	1.518436449	2.35619449	-5.945326367	-14.21538885	-11.33631378	-6.744121426	0.2543709	0.0378845	0.0735138	0.2116352	-8.4058001
6525000000	1.518436449	2.408554368	-7.264852304	-14.09976885	-13.21616012	-4.968198037	0.1877218	0.0389066	0.0476852	0.3185519	-8.2910378
6525000000	1.518436449	2.460914245	-9.388329992	-10.2826536	-12.31705536	-4.699552077	0.1151242	0.0936988	0.0586536	0.3838791	-8.3933251
6525000000	1.518436449	2.513274123	-8.962591638	-8.2653561	-12.8908523	-5.780360599	0.1269816	0.1490954	0.0512969	0.2642189	-8.3003701
6525000000	1.518436449	2.565634	-6.85758023	-7.908465698	-16.52478984	-6.720736745	0.2061778	0.1168652	0.0222598	0.2127778	-8.2168463
6525000000	1.518436449	2.617993878	-8.667576423	-8.07201856	-13.60217388	-6.186073773	0.2057038	0.1558828	0.0436297	0.2406377	-7.9191482
6525000000	1.518436449	2.670353756	-10.18918017	-9.030176322	-11.22231863	-5.686017372	0.0957375	0.1250208	0.0754689	0.2700214	-8.4905279
6525000000	1.518436449	2.722713633	-14.00212239	-11.90033823	-12.9462082	-6.493403386	0.0397913	0.0645004	0.0507434	0.2242124	-10.230686
6525000000	1.518436449	2.775073511	-10.7324848	-16.14917422	-14.99214266	-8.99142466	0.0844795	0.0242707	0.0316779	0.1261414	-11.762495
6525000000	1.518436449	2.827433388	-10.21261944	-17.08064744	-13.26522298	-13.09028669	0.0952222	0.0195855	0.0471496	0.0420875	-12.776853
6525000000	1.518436449	2.879793266	-10.73014024	-17.91468977	-13.56504468	-16.52051943	0.0845252	0.0161633	0.0440043	0.0298173	-13.794008
6525000000	1.518436449	2.932153143	-8.712770999	-24.44595874	-15.93268601	-18.34654574	0.1345002	0.0035926	0.0255112	0.0146534	-13.510612
6525000000	1.518436449	2.984513021	-8.463192965	-24.28568693	-17.70329146	-12.29012373	0.142456	0.0037276	0.0169696	0.0090918	-13.7403191
6525000000	1.518436449	3.036872899	-11.8166229	-18.14003889	-19.64260705	-23.50204871	0.0658169	0.015346	0.0108577	0.0044647	-16.175982
6525000000	1.518436449	3.089232776	-17.13424422	-19.67093005	-21.12920946	-21.42852441	0.0193453	0.0107872	0.0075996	0.0071969	-19.495333
6525000000	1.518436449	3.141592654	-17.03597996	-21.74376223	-21.05199191	-19.75045085	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.518436449	3.141592654	-17.03598006	-21.74376246	-21.05199212	-19.75045108	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.518436449	3.089232776	-17.84313205	-14.11216719	-22.57198873	-16.75064688	0.0164319	0.0387957	0.005531	0.0211317	-16.888278
6525000000	1.518436449	3.036872899	-19.36530541	-10.33395785	-20.96549573	-13.53164821	0.0115736	0.0925986	0.0080066	0.044344	-14.074821
6525000000	1.518436449	2.984513021	-18.06435942	-8.555177933	-17.73173923	-10.82308318	0.0156158	0.1394705	0.0168588	0.0827355	-11.960643
6525000000	1.518436449	2.932153143	-16.95722516	-7.60953753	-16.74196219	-9.486734588	0.0201501	0.1733989	0.021174	0.1125451	-10.871563
6525000000	1.518436449	2.879793266	-17.47447332	-7.012928995	-17.21634443	-9.427574724	0.0178876	0.1989331	0.0189826	0.1140839	-10.581383
6525000000	1.518436449	2.827433388	-17.55566392	-6.623751696	-17.97092717	-9.725031026	0.0175563	0.2175829	0.0159554	0.1065361	-10.486251
6525000000	1.518436449	2.775073511	-14.06343757	-6.527838616	-19.03143691	-9.957490319	0.0392334	0.2224417	0.0124985	0.1009836	-10.278467
6525000000	1.518436449	2.722713633	-11.11686753	-6.598105703	-19.68327937	-9.78911779	0.0773238	0.2188716	0.0107565	0.1049756	-9.8723919
6525000000	1.518436449	2.670353756	-9.949941536	-6.562867467	-16.96296607	-8.56448419	0.1011593	0.2206547	0.0201234	0.1391719	-9.1981623
6525000000	1.518436449	2.617993878	-9.561097063	-6.667411373	-14.14041696	-7.47915814	0.1106344	0.2154065	0.0385441	0.1786834	-8.6704548
6525000000	1.518436449	2.565634	-9.046434468	-7.107346269	-12.47746817	-7.15468964	0.1245537	0.1946549	0.0565266	0.1925445	-8.4749785
6525000000	1.518436449	2.513274123	-8.874612046	-7.313286818	-11.35318188	-6.744684859	0.1295802	0.1859399	0.0732288	0.2116077	-8.2386774
6525000000	1.518436449	2.460914245	-9.759690162	-7.034471886	-10.72150132	-6.130394006	0.1056893	0.1979488	0.0846935	0.243759	-8.1280704
6525000000	1.518436449	2.408554368	-12.05356506	-6.787519867	-10.34980356	-6.155670301	0.0623223	0.2095309	0.0922613	0.2423444	-8.1925863
6525000000	1.518436449	2.35619449	-14.68488193	-6.527159094	-9.630940392	-6.675767939	0.0340026	0.2227465	0.1088694	0.2149924	-8.3837699
6525000000	1.518436449	2.303834613	-12.21715493	-6.004874927	-8.854570336	-6.462031238	0.0600184	0.2509068	0.1301796	0.2258379	-7.7797141
6525000000	1.518436449	2.251474735	-8.152686056	-5.640867302	-8.649934062	-5.493174694	0.1530141	0.2728433	0.1364604	0.2822186	-6.7540926
6525000000	1.518436449	2.199114858	-5.93426649	-5.817694844	-8.937019156	-4.879709873	0.2550195	0.2619573	0.1277315	0.325109	-6.1537096
6525000000	1.518436449	2.14675498	-5.589476063	-6.167856402	-8.763988611	-4.846899121	0.2760911	0.2416653	0.1329233	0.3275745	-6.1160825
6525000000	1.518436449	2.094395102	-6.49839342	-5.997943895	-7.750743895	-4.774298952	0.2239549	0.2513076	0.1678511	0.3330965	-6.1251608
6525000000	1.518436449	2.042035225	-6.316069117	-5.473012349	-6.823823329	-4.149886493	0.185521	0.2835951	0.2077867	0.3846018	-5.761381
6525000000	1.518436449	1.989675347	-6.98675347	-5.071133435	-6.32089	-3.421064215	0.2011125	0.3110904	0.233298	0.4548766	-5.2274123
6525000000	1.518436449	1.93731547	-6.176856641	-4.790218833	-5.972740841	-3.271728757	0.241165	0.3318777	0.2527702	0.4707189	-4.8925301
6525000000	1.518436449	1.88495									

6525000000	1.570796327	0.523598776	-8.502896153	-0.983069451	-0.352872983	-2.054621142	0.1411596	0.7974309	0.9219613	0.6230715	-2.0697427
6525000000	1.570796327	0.575958653	-7.67136811	0.647471485	0.354827045	-1.354012835	0.1709477	1.1607726	1.0851323	0.7321477	-1.0388729
6525000000	1.570796327	0.628318531	-7.727999085	1.692918408	-0.003448757	-0.108107105	0.168733	1.4766985	0.9992062	0.7910397	-0.660476
6525000000	1.570796327	0.680678408	-7.818443543	1.738228365	-0.777047771	-0.699667796	0.1625554	1.4921856	0.8361712	0.8512031	-0.7768784
6525000000	1.570796327	0.730382806	-7.187346097	1.47821853	-0.963274834	0.017199717	0.1911021	1.4054709	0.8010738	1.0039682	-0.7307484
6525000000	1.570796327	0.785398163	-6.224141794	1.872507845	-0.487279496	0.91106659	0.2385535	1.5390431	0.8938652	1.2334077	-0.1045346
6525000000	1.570796327	0.837578041	-5.665663915	2.665533545	-0.27795246	1.371727679	0.2712899	1.8473677	0.9380041	1.3714272	-0.4415635
6525000000	1.570796327	0.890117919	-5.531623393	3.041700196	-0.683884976	1.056054371	0.2797935	2.0145127	0.8543022	1.2752797	0.4374414
6525000000	1.570796327	0.942477796	-5.231089984	2.824436921	-1.001542765	0.159977822	0.299841	1.9162126	0.7940461	1.0375231	0.0514004
6525000000	1.570796327	0.994837674	-4.487425503	2.342796371	-0.350401467	-0.293457564	0.3558422	1.7150613	0.9224861	0.9346613	-0.0788289
6525000000	1.570796327	1.047197551	-3.882068059	1.947582824	0.872369307	0.455417595	0.4090658	1.5658793	1.2224664	1.1105593	0.3221276
6525000000	1.570796327	1.099557429	-3.856444433	1.680559021	1.663609787	1.431825104	0.4114865	1.472502	1.4667665	1.3905369	0.738367
6525000000	1.570796327	1.151917306	-4.081437673	1.541623119	1.72166819	1.848486952	0.3907115	1.4261405	1.4865065	1.5305541	0.8223881
6525000000	1.570796327	1.204277184	-3.766103355	1.715078291	1.518492153	1.857964751	0.4201358	1.4842526	1.4185649	1.533898	0.8429482
6525000000	1.570796327	1.256637061	-2.783036477	2.1684264	1.694417621	1.943375951	0.5268614	1.6475653	1.4772084	1.5643632	1.1527745
6525000000	1.570796327	1.308996939	-1.88264751	2.504536903	2.187980147	2.174273606	0.6482391	1.7801381	1.6550001	1.649785	1.5633425
6525000000	1.570796327	1.361356817	-1.677585344	2.395657136	2.373010072	2.057260715	0.6795814	1.7366039	1.7270345	1.605928	1.5750269
6525000000	1.570796327	1.413716694	-2.176363132	1.768204551	1.885070232	1.113668069	0.605848	1.5025257	1.5435014	1.2923103	0.9203431
6525000000	1.570796327	1.466076572	-2.796257053	0.682558602	0.952442028	-0.723074292	0.52526	1.1701886	1.2452146	0.8466279	-0.2373131
6525000000	1.570796327	1.518436449	-2.836822748	-0.824742353	0.188735627	-2.84016107	0.5203766	0.8270386	1.0444161	0.5919767	-1.3789726
6525000000	1.570796327	1.570796327	-2.332283878	-2.810336201	-0.11643109	-4.046046977	0.5844826	0.5235599	0.9735469	0.3939085	-2.0839743
6525000000	1.570796327	1.623156204	-2.023414539	-5.348214522	-0.342651037	-4.301629157	0.6275648	0.2918627	0.9241339	0.3713959	-2.5669465
6525000000	1.570796327	1.675516082	-2.437024767	-8.275140533	-0.952054904	-4.579320894	0.705555	1.1487599	0.803146	0.3488252	-3.2991978
6525000000	1.570796327	1.72787596	-3.340362351	-10.173284722	-2.004129769	-4.702565906	0.4634083	0.0917731	0.6303576	0.338644	-4.1902288
6525000000	1.570796327	1.780235837	-3.813139543	-9.605070046	-3.189934565	-3.977831494	0.4156101	0.1095199	0.4797407	0.4001445	-4.5437899
6525000000	1.570796327	1.832595715	-3.430200154	-7.417299751	-4.125176117	-3.002073905	0.4539207	0.1812467	0.3867964	0.500948	-4.1938527
6525000000	1.570796327	1.884955592	-3.007225928	-5.769291602	-4.653098172	-2.572318263	0.500354	0.2648932	0.3425257	0.5530548	-3.817354
6525000000	1.570796327	1.93731547	-3.26214808	-5.090492065	-5.061449248	-2.700609276	0.4718296	0.3097068	0.3117849	0.5370232	-3.8978059
6525000000	1.570796327	1.989675347	-4.178150064	-5.271038457	-5.870591327	-3.012751996	0.382107	0.2970956	0.2587861	0.4997178	-4.4438979
6525000000	1.570796327	2.042035225	-5.361027475	-5.925222864	-7.177792621	-3.360036137	0.2910029	0.2555511	0.1915229	0.4613137	-5.2039936
6525000000	1.570796327	2.094395102	-6.526321997	-6.69131713	-8.173738967	-3.997520959	0.2225194	0.2142241	0.1522741	0.3983345	-6.0758792
6525000000	1.570796327	2.146754858	-7.330813507	-7.864254997	-8.302449345	-5.106052819	0.1848922	0.1635214	0.1478274	0.3085991	-6.9635034
6525000000	1.570796327	2.199114957	-7.240739602	-10.36576444	-8.261136065	-6.610755997	0.188767	0.0919229	0.1492404	0.218235	-7.0072825
6525000000	1.570796327	2.251474735	-6.581568337	-14.63012449	-8.436690641	-8.445386314	0.2197066	0.034434	0.143328	0.1430413	-8.6925636
6525000000	1.570796327	2.303834613	-6.245003724	-15.80074715	-9.110661527	-9.214439015	0.2374103	0.0262982	0.1227252	0.1198274	-8.9768542
6525000000	1.570796327	2.35619449	-6.704906389	-14.06041285	-10.81072141	-6.950223395	0.2135548	0.0392608	0.0829713	0.2018263	-8.7159013
6525000000	1.570796327	2.408554368	-8.316715698	-13.32498401	-12.22557804	-4.745451328	0.1473426	0.0465052	0.0599021	0.3353165	-8.3189573
6525000000	1.570796327	2.460914245	-10.72062316	-11.4257074	-11.35929541	-4.340429458	0.0847106	0.072016	0.0731248	0.3630266	-8.2539951
6525000000	1.570796327	2.513274123	-9.921315191	-9.474920096	-11.91326587	-5.820532468	0.1018283	0.1128517	0.0643685	0.2617868	-6.8899546
6525000000	1.570796327	2.565634	-7.533773484	-8.719187789	-15.69437141	-8.037826671	0.1764504	0.1343016	0.0269503	0.1571149	-9.0761525
6525000000	1.570796327	2.617993878	-7.562063751	-9.018173172	-14.60215417	-7.815937471	0.1753047	0.1253668	0.0346565	0.1653508	-9.0250075
6525000000	1.570796327	2.670353756	-11.10980178	-10.51057055	-12.27724695	-6.522170863	0.0774497	0.0889084	0.0591937	0.2227322	-9.050678
6525000000	1.570796327	2.722713633	-14.9664797	-13.21922932	-14.3132106	-6.660164946	0.0318678	0.047516	0.0370568	0.2157662	-10.80472
6525000000	1.570796327	2.775073511	-11.2240981	-15.06441827	-17.14798338	-8.524925834	0.075438	0.0311572	0.0192842	0.1404454	-11.766485
6525000000	1.570796327	2.827433388	-10.58003387	-15.22952818	-14.82150644	-11.6161123	0.0874977	0.0299149	0.0329495	0.0689629	-12.608847
6525000000	1.570796327	2.879737266	-10.79977534	-16.90083811	-14.81333765	-14.67468307	0.0831807	0.0209934	0.0330116	0.0340825	-13.698565
6525000000	1.570796327	2.932153143	-8.792385424	-22.68251915	-16.75726706	-18.07168597	0.132057	0.005392	0.0210996	0.0155895	-13.611664
6525000000	1.570796327	2.984513021	-8.636002445	-22.76276226	-17.86415439	-24.11651601	0.1368988	0.0052933	0.0163525	0.0038757	-13.914197
6525000000	1.570796327	3.036872899	-12.02675468	-18.0731699	-19.57959027	-24.01444089	0.0627082	0.0155841	0.0110162	0.0309769	-13.622882
6525000000	1.570796327	3.089232776	-17.32727008	-19.811330201	-21.14704628	-21.47193158	0.0185043	0.0104441	0.0076788	0.0071254	-19.610563
6525000000	1.570796327	3.154192654	-17.03598008	-21.74376246	-21.05199196	-19.75045108	0.019788	0.006693	0.0078488	0.0105194	-19.496082
6525000000	1.623156204	-3.141592654	-17.03598016	-21.74376234	-21.05199196	-19.75045108	0.019788	0.006693	0.0078488	0.0105194	-19.496082
6525000000	1.623156204	-3.089232776	-17.3039125	-14.28700679	-22.62378324	-16.69999221	0.0169671	0.0372648	0.0054654	0.0213797	-16.931621
6525000000	1.623156204	-3.036872899	-19.17680588	-10.43738371	-20.8984056	-13.45843665	0.012087	0.0904194	0.0081303	0.0450979	-14.096748
6525000000	1.623156204	-2.984513021	-17.76439224	-8.556246574	-17.60395726	-10.7445797	0.0167325	0.1394361	0.0173622	0.0842446	-11.908185
6525000000	1.623156204	-2.932153143	-16.81022306	-7.593335256	-16.65768668	-9.41013368	0.0208438	0.174047	0.0215889	0.1145476	-10.821961
6525000000	1.623156204	-2.879793266	-18.10475442	-7.038718537	-17.12137405	-9.281693078	0.0154712	0.1977553	0.0194027	0.1179861	-10.5722921
6525000000	1.623156204	-2.827433388	-20.4314137	-6.682497137	-17.67393561	-9.79157661	0.0090544	0.2146596	0.0170847	0.1011753	-10.567851
6525000000	1.623156204	-2.775073511	-16.76152227	-6.614814553	-17.85008069	-10.00854834	0.0210789	0.2180311	0.0133107	0.0998034	-10.55241
6525000000	1.623156204	-2.722713633	-13.25573393	-6.693188247	-20.42153167	-9.735607538	0.0472527	0.2141318	0.009075	0.106277	-10.260223
6525000000	1.623156204	-2.670353756	-12.01118213	-6.551617679	-18.71276658	-10.53030507	0.0629393	0.2212271	0.01345	0.1529315	-9.4832464
6525000000	1.623156204	-2.617993878	-11.03556999	-6.430306068	-15.9958554	-7.0143772077	0.0787849	0.2274937	0.0251428	0.198867	-8.7754719
6525000000	1.623156204	-2.565634	-9.492413601	-6.651761431	-14.10231013	-6.847111022	0.112398	0.2161842	0.0388838	0.2066755	-8.0434019
6525000000	1.623156204	-2.513274123	-8.804844357	-6.850893873	-12.574192856	-6.721192856	0.1316787	0.2064955	0.0552754	0.2127555	-8.1944039
6525000000	1.623156204	-2.460914245	-9.559279848	-6.817351908	-11.54947299	-6.351303991	0.1106807	0.2080965	0.069927	0.2316699	-8.0936032
6525000000	1.623156204	-2.408554368	-11.16313672	-6.856732034	-10.62279526	-6.368152276	0.0765044	0.2062181	0.0866442	0.2307729	-8.2380776
6525000000	1.623156204	-2.35619449	-11.3305418	-6.629719673	-9.403627096	-6.524296954	0.0736115	0.2172841	0.1147195	0.2262631	-8.0393557
6525000000	1.623156204	-2.									

6525000000	1.623156204	0.104719755	-11.58438379	-4.93444135	-15.87357761	-7.119739376	0.0694323	0.3210376	0.0258608	0.1941002	-8.1642346
6525000000	1.623156204	0.157079633	-13.35591507	-5.009356915	-16.37841405	-6.451426194	0.0461752	0.3155472	0.0230228	0.2263901	-8.1592266
6525000000	1.623156204	0.20943951	-13.87294746	-6.20783102	-12.39454629	-5.639844312	0.0409926	0.2394511	0.0576163	0.2729076	-8.1604183
6525000000	1.623156204	0.261799388	-12.12600492	-6.052425242	-8.422751898	-4.880051568	0.0612914	0.2481747	0.1437887	0.3250834	-7.1089163
6525000000	1.623156204	0.314159265	-11.88586434	-3.262343172	-6.12584391	-4.3190821008	0.0647759	0.4718084	0.2440145	0.3699064	-5.4117142
6525000000	1.623156204	0.366519143	-14.1369953	-1.091061074	-4.756202056	-4.006768015	0.0385745	0.7778465	0.3348474	0.3974872	-4.1217804
6525000000	1.623156204	0.41887902	-14.88253162	-0.462717762	-3.414321344	-3.755507497	0.0324898	0.8899349	0.4555834	0.4211621	-3.4482071
6525000000	1.623156204	0.471238898	-11.13118909	-0.841543788	-1.727139104	-3.177638692	0.0770692	0.8238452	0.6718713	0.4811009	-2.8948353
6525000000	1.623156204	0.523598776	-8.637228998	-0.795746877	-0.222349594	-2.196196383	0.1368602	0.8325787	0.9500906	0.6030875	-2.0020866
6525000000	1.623156204	0.575958653	-7.759332215	0.303595109	0.3390417	-1.232219942	0.16752	1.0724067	1.0811954	0.2759706	-1.1434304
6525000000	1.623156204	0.628318531	-7.741123484	1.308576645	-1.058437314	-0.620452608	0.1682239	1.3516295	0.9647519	0.8668715	-0.7682378
6525000000	1.623156204	0.680678408	-7.615899765	1.682557861	-0.129789258	-0.228058874	0.173145	1.4731799	0.7888984	0.9488825	-0.7622119
6525000000	1.623156204	0.733038286	-6.80073924	1.836252661	-1.181811907	0.355509321	0.2088941	1.5262486	0.7617611	1.0853028	-0.4790937
6525000000	1.623156204	0.785398163	-5.883261997	2.210178717	-0.5071552	1.127676254	0.2580321	1.6634811	0.8809037	1.2964854	-0.1060758
6525000000	1.623156204	0.837758041	-5.543963885	2.534475516	-0.179809312	1.559975037	0.2789996	1.7924521	0.9594428	1.4321797	0.4757411
6525000000	1.623156204	0.890117919	-5.753902446	2.385062543	-0.429085631	1.266506827	0.2658335	1.731834	0.9059233	1.3385996	0.2553016
6525000000	1.623156204	0.942477796	-5.818548983	1.866341785	-0.587911518	0.457151157	0.2619058	1.5368595	0.8733913	1.1103927	-0.2420536
6525000000	1.623156204	0.994837674	-5.24624149	1.512674923	0.170437321	0.183671869	0.2987967	1.4166661	1.0400249	1.0431991	-0.2242651
6525000000	1.623156204	1.047197551	-4.620233766	1.517983753	1.417252595	1.027933685	0.3451252	1.4183989	1.3858788	1.2670489	0.430135
6525000000	1.623156204	1.099557429	-4.497880791	1.515131079	1.291716135	1.94249244	0.3549866	1.4174675	1.6564244	1.564045	0.9629942
6525000000	1.623156204	1.151917306	-4.6403615	1.362204699	2.221147408	2.233089046	0.3435294	1.3684233	1.6676878	1.6722796	1.0139648
6525000000	1.623156204	1.204277184	-4.361545692	1.365141525	1.980488697	2.133761188	0.3663072	1.369349	1.5777888	1.6344669	0.9236196
6525000000	1.623156204	1.256637061	-3.504417683	1.648888561	2.12066417	2.205542674	0.4462295	1.461803	1.6295452	1.6617063	1.1388355
6525000000	1.623156204	1.308996939	-2.702918787	1.829672185	2.593480092	2.506001566	0.536671	1.5239377	1.8169711	1.7807385	1.5062738
6525000000	1.623156204	1.361356817	-2.542151938	1.556819904	2.73120454	2.479113159	0.5569097	1.4311396	1.8893484	1.7697475	-1.4976896
6525000000	1.623156204	1.413716694	-3.056429415	0.821434955	2.25808036	1.654182889	0.4947173	1.208213	1.6810507	1.4635861	0.8346383
6525000000	1.623156204	1.460676572	-3.694647192	-0.190359063	1.314132185	0.049020338	0.4271056	0.9571149	1.3533596	1.0135131	-0.4851239
6525000000	1.623156204	1.518436449	-3.7583423	-1.383931831	0.581591725	-1.638117413	0.4208873	0.7271212	1.1432973	0.6857854	-1.2826785
6525000000	1.623156204	1.570796327	-3.245763994	-2.8893139	0.326551554	-2.483501859	0.473613	0.5141249	1.0780903	0.5644816	-1.8205308
6525000000	1.623156204	1.623156204	-2.870059366	-4.800866441	0.09600131	-2.81286793	0.5164093	0.3305151	1.0231988	0.5232548	-2.2304869
6525000000	1.623156204	1.6751616082	-3.147902761	-6.659476351	-0.425376183	-3.570611342	0.4844062	0.2158005	0.8748758	0.4394797	-2.9787931
6525000000	1.623156204	1.7278750262	-3.854750262	-7.278390993	-1.694215158	-4.702949353	0.411647	0.1871375	0.6769841	0.3386141	-3.9405347
6525000000	1.623156204	1.780235837	-4.181984909	-6.520418563	-2.812642201	-5.007434662	0.3817697	0.212282	0.523282	0.3156869	-4.262496
6525000000	1.623156204	1.832595715	-3.807913387	-5.296872069	-3.610267071	-4.333637647	0.4161105	0.2953336	0.4354851	0.3686687	-4.2147602
6525000000	1.623156204	1.884955592	-3.430120776	-4.195009906	-4.114318226	-3.739062176	0.453929	0.3806265	0.3877646	0.4227599	-3.8587297
6525000000	1.623156204	1.93731547	-3.688100251	-3.583233702	-4.57081825	-3.401983941	0.42775	0.4382043	0.3490776	0.4568794	-3.7884676
6525000000	1.623156204	1.989675347	-4.608396438	-3.65666062	-5.306606959	-2.942942948	0.3460671	0.4308578	0.2946723	0.5078152	-4.0356444
6525000000	1.623156204	2.042035225	-5.849373268	-4.300292172	-6.425340381	-2.408530881	0.2600535	0.3715102	0.2277522	0.5743107	-4.4562394
6525000000	1.623156204	2.094395102	-7.022170863	-5.077377686	-7.473622901	-2.314533459	0.1985102	0.3106435	0.1789113	0.5868764	-4.9656977
6525000000	1.623156204	2.14675498	-7.63167973	-5.849986824	-7.918056575	-3.045693856	0.1725171	0.2600167	0.1615078	0.4594917	-5.4660134
6525000000	1.623156204	2.199114858	-7.43606573	-7.472627241	-8.009292552	-4.790114086	0.1804652	0.1789523	0.1581276	0.3318857	-6.7293197
6525000000	1.623156204	2.251474735	-7.082563611	-7.065271111	-8.191792988	-7.714260277	0.1957689	0.0782479	0.1516424	0.1629677	-8.275964
6525000000	1.623156204	2.303834613	-7.25716127	-14.58089222	-8.873143183	-10.1914947	0.1880546	0.348266	0.1296241	0.0956851	-9.505962
6525000000	1.623156204	2.35619449	-8.126876635	-12.71405404	-7.357407048	-7.757957163	0.1539261	0.0535297	0.0920999	0.1675731	-9.3262334
6525000000	1.623156204	2.408554368	-9.913721429	-11.48082501	-11.25792599	-5.031164905	0.1020065	0.0711078	0.0748527	0.3139666	-8.5237493
6525000000	1.623156204	2.460914245	-12.12396012	-10.83616378	-10.47631584	-4.374838134	0.0613203	0.0824866	0.0896125	0.3651877	-8.2491813
6525000000	1.623156204	2.513274123	-10.67833935	-9.55898933	-11.14287936	-5.907744727	0.0855394	0.1106881	0.0768621	0.2565816	-8.7805364
6525000000	1.623156204	2.565634	-8.222170733	-8.740375552	-14.88677825	-9.314488968	0.1505854	0.133648	0.032458	0.1170984	-9.6478051
6525000000	1.623156204	2.617993878	-8.383999171	-9.171345899	-15.21440774	-10.57657669	0.1450775	0.1210223	0.0300995	0.0875674	-10.179927
6525000000	1.623156204	2.670335756	-12.20980899	-10.8482074	-13.12029609	-8.467825515	0.06012	0.0822582	0.0489521	0.1423041	-10.787892
6525000000	1.623156204	2.722713633	-15.95046287	-12.66124136	-15.33345015	-7.69679459	0.025407	0.0541846	0.0292857	0.1699498	-11.567251
6525000000	1.623156204	2.775073511	-11.75975662	-13.28221797	-19.54037317	-8.615077721	0.0666844	0.0496654	0.0111164	0.137356	-11.832183
6525000000	1.623156204	2.827433388	-10.94263893	-14.01937043	-16.88578763	-10.55741362	0.0804889	0.0396335	0.0204843	0.0879546	-12.430571
6525000000	1.623156204	2.879793266	-10.81564502	-16.27522129	-16.44712518	-13.10922051	0.0828773	0.0235764	0.0226614	0.048874	-13.516665
6525000000	1.623156204	2.932153143	-8.88941448	-20.84512911	-17.20232931	-17.20232931	0.1291393	0.0082317	0.0172585	0.0190444	-13.623254
6525000000	1.623156204	2.984513021	-8.855757166	-21.08417304	-17.96284942	-24.41816602	0.130144	0.0077908	0.0159851	0.0036156	-14.046814
6525000000	1.623156204	3.036878299	-12.28586623	-17.98189198	-19.52035404	-23.70413682	0.0590763	0.0159152	0.0111677	0.0042617	-16.457911
6525000000	1.623156204	3.089232776	-17.53727131	-19.97112761	-21.0768639	-21.42845196	0.0176308	0.0100667	0.0077487	0.007197	-19.722089
6525000000	1.623156204	3.141592654	-17.03598016	-21.74376234	-21.05199196	-19.75045108	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.675516082	-3.141592654	-17.03598002	-21.74376246	-21.05199153	-19.7504508	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.675516082	-3.089232776	-17.54943139	-14.3865144	-22.67166446	-16.64405721	0.0175815	0.0356152	0.0054055	0.0216568	-16.9756476
6525000000	1.675516082	-3.036872294	-18.88692294	-10.57982361	-20.83808437	-13.37342618	0.0129213	0.0875019	0.008245	0.0459894	-14.126886
6525000000	1.675516082	-2.984513021	-17.36719583	-8.614985611	-17.47248085	-10.64855508	0.018335	0.1375629	0.0178958	0.086128	-11.872173
6525000000	1.675516082	-2.932153143	-16.44249196	-7.642895346	-16.4849801	-9.30497007	0.0226856	0.1272071	0.022441	0.1173554	-10.775936
6525000000	1.675516082	-2.879793266	-17.43329418	-7.13645685	-16.7558199	-9.123317068	0.018058	0.1933455	0.0211066	0.1223681	-10.516966
6525000000	1.675516082	-2.827433388	-18.69156918	-6.816310517	-17.04001083	-9.460047497	0.0135158	0.2081464	0.0197696	0.1123388	-10.522347
6525000000	1.675516082	-2.775073511	-16.45578228	-6.774671231	-18.24364762	-10.03503744	0.0226163	0.210517	0.0149843	0.0991965	-10.617947
6525000000	1.675516082	-2.722713633									

6525000000	1.675516082	-0.314159265	-4.479950404	-7.083292514	-3.860931978	-13.74292429	0.3564552	0.195736	0.4110615	0.0422384	-5.9968175
6525000000	1.675516082	-0.261799388	-5.974752724	-6.465525894	-5.567332526	-14.06192633	0.2526532	0.2256563	0.2775024	0.0392471	-7.0166068
6525000000	1.675516082	-0.20943951	-5.71358132	-6.317479168	-8.286549335	-12.21606622	0.2683158	0.2334813	0.1483696	0.0600335	-7.5067923
6525000000	1.675516082	-0.157079633	-5.058550694	-6.483290919	-11.33122386	-10.44669121	0.3119931	0.2247351	0.0736	0.0902258	-7.566184
6525000000	1.675516082	-0.104719755	-5.607612524	-6.743633332	-14.86286591	-9.400005468	0.2749405	0.211659	0.0326372	0.1148152	-7.9993516
6525000000	1.675516082	-0.052359878	-7.618290091	-6.980253079	-18.89918196	-8.648822624	0.1730498	0.2004355	0.0128849	0.1364953	-8.8366999
6525000000	1.675516082	-4.44E-16	-10.05032976	-6.832429012	-17.53426546	-8.017965824	0.0988478	0.2073753	0.017643	0.157835	-9.1928789
6525000000	1.675516082	0.052359878	-10.96142535	-5.927201174	-15.48269697	-7.564995998	0.0801415	0.2554347	0.0282963	0.1751864	-8.7042374
6525000000	1.675516082	0.104719755	-11.6222021	-4.932133018	-16.17851489	-7.099037632	0.0688303	0.3212083	0.0241073	0.1950277	-8.1731896
6525000000	1.675516082	0.157079633	-13.63707755	-4.818562183	-16.438651288	-6.396661288	0.0432805	0.3297189	0.0227167	0.2926229	-8.0619458
6525000000	1.675516082	0.20943951	-14.31239725	-5.768403392	-12.09241301	-5.560296792	0.0370476	0.2649474	0.0617673	0.2779523	-7.9471803
6525000000	1.675516082	0.261799388	-12.16280994	-5.95985326	-8.083236018	-4.759667027	0.0607742	0.2535214	0.1554807	0.3342207	-6.968056
6525000000	1.675516082	0.314159265	-11.53507086	-3.617392211	-5.759240367	-4.120169884	0.0702252	0.4347712	0.265507	0.3872425	-5.3844674
6525000000	1.675516082	0.366519143	-13.40016827	-1.320527614	-4.371919377	-3.800830175	0.045707	0.7378146	0.3654333	0.4167897	-4.0733907
6525000000	1.675516082	0.41887902	-14.55808594	-0.32819469	-3.094896559	-3.746845105	0.0350099	0.9272152	0.4903547	0.422003	-3.2915537
6525000000	1.675516082	0.471238898	-11.21505465	-0.35751662	-1.549273142	-3.383326601	0.0755953	0.9209761	0.6999591	0.4588464	-2.6853678
6525000000	1.675516082	0.523598776	-8.624623838	-0.482128042	-0.194550208	-2.250070457	0.137258	0.8949261	0.9561917	0.5956255	-1.87976272
6525000000	1.675516082	0.575958563	-7.638947192	-0.011425486	0.244149608	-0.941408561	0.1722286	0.9973726	1.0578278	0.8051173	-1.2025255
6525000000	1.675516082	0.628318531	-7.496191971	0.644759237	-0.338040665	-0.154336747	0.1779839	1.1600479	0.9251154	0.9560867	-0.9309499
6525000000	1.675516082	0.680678408	-7.109551329	1.133219582	-1.217307672	0.108214259	0.1945561	1.2981413	0.7555605	1.0252303	-0.8704922
6525000000	1.675516082	0.733038286	-6.018701922	1.709005656	-1.228612831	0.398577309	0.2501093	1.4821787	0.7535962	1.0961191	-0.4793401
6525000000	1.675516082	0.785398163	-4.986647782	2.404480332	-0.420819316	1.033288527	0.3172015	1.7395945	0.9076493	1.2686121	0.2459417
6525000000	1.675516082	0.837578041	-4.653706057	2.713297763	0.069113763	1.531023654	0.3424754	1.8677682	1.1600413	1.4226641	0.6529479
6525000000	1.675516082	0.890117919	-4.983212463	2.252600637	-0.090695547	1.387069126	0.3174525	1.6798096	0.9793331	1.3762804	0.3671627
6525000000	1.675516082	0.942477796	-5.360857253	1.200042746	-0.182664557	0.734807035	0.2910143	1.3182697	0.9588122	1.1843517	-0.2774532
6525000000	1.675516082	0.994837674	-5.195071423	0.368041986	0.587787973	0.46976653	0.3023381	1.0884393	1.1449296	1.1142346	-0.3977407
6525000000	1.675516082	1.047197551	-4.811186443	0.300831889	1.801484591	1.115817035	0.3302793	1.0717246	1.5140787	1.2929499	-0.2122229
6525000000	1.675516082	1.099557429	-4.700328037	0.463249152	2.534725742	1.848079323	0.3388186	1.1125638	1.7925553	1.5304105	0.768541
6525000000	1.675516082	1.151917306	-4.687685595	0.478788241	2.525533582	2.062002126	0.3398063	1.1165517	1.7887653	1.6076822	0.8393289
6525000000	1.675516082	1.204277184	-4.293363873	0.63945478	2.245735449	2.014752892	0.3721034	1.1586319	1.6771563	1.5902862	0.7901634
6525000000	1.675516082	1.256637061	-3.522497746	1.066101046	2.354139088	2.25638516	0.4443756	1.2782332	1.7195464	1.6812741	1.0750076
6525000000	1.675516082	1.308996939	-2.902958355	1.291802853	2.813360181	2.741678204	0.5125121	1.3464192	1.9113315	1.8800432	1.5001198
6525000000	1.675516082	1.361356817	-2.877189436	0.931604742	2.978477236	2.888573804	0.5155622	1.3929424	1.9855221	1.9474212	1.5675506
6525000000	1.675516082	1.413716694	-3.448485972	0.047612482	2.467815229	2.313204086	0.4520135	1.0110235	1.7651496	1.7034148	0.9092797
6525000000	1.675516082	1.466076572	-4.129517591	-0.994232907	1.534610616	1.112358431	0.3864099	0.7953837	1.4238396	1.2919207	-0.1126786
6525000000	1.675516082	1.518436449	-4.290418174	-1.951362264	0.842897943	-0.145161688	0.3723559	0.6806363	1.2141988	0.9671277	-0.9803171
6525000000	1.675516082	1.570796327	-3.891023257	-2.982452116	0.636191366	-0.954954132	0.4082232	0.5032164	1.1577616	0.80261	-1.439041
6525000000	1.675516082	1.623156204	-3.550569072	-4.174916589	0.408426161	-1.67975123	0.4415126	0.3823916	1.0986076	0.6792425	-1.867937
6525000000	1.675516082	1.675516082	-3.748826975	-4.905478169	-0.339224465	-3.119970309	0.4218104	0.3231857	0.9248633	0.4875318	-2.6813108
6525000000	1.675516082	1.72787596	-4.334962513	-4.547915894	-1.529239949	-5.613689839	0.3685562	0.3509202	0.7031964	0.274556	-3.274556
6525000000	1.675516082	1.780235837	-4.707446107	-3.701421483	-2.617233937	-8.02344011	0.3382637	0.4264399	0.5473645	0.1576362	-4.3483003
6525000000	1.675516082	1.832595715	-4.584211308	-2.970931924	-3.299460293	-8.141644425	0.3479997	0.504553	0.4677933	0.1534036	-3.633629
6525000000	1.675516082	1.884955592	-4.384346974	-2.45377911	-3.75513925	-6.950532904	0.364389	0.5683581	0.4211978	0.201819	-0.1101827
6525000000	1.675516082	1.93731547	-4.584812074	-2.306147411	-4.225431095	-5.498817794	0.3479516	0.5880807	0.3779696	0.281915	-3.9906875
6525000000	1.675516082	1.989673578	-5.292400668	-2.821021236	-4.898082006	-3.871345211	0.2956378	0.5222734	0.3242797	0.4100771	-4.110933
6525000000	1.675516082	2.042053225	-6.347159063	-4.08693553	-5.875440205	-5.78260261	0.2318911	0.5020169	0.2595709	0.5522986	-4.4551765
6525000000	1.675516082	2.094395102	-7.308098542	-5.502378767	-6.957475251	-2.187453741	0.1858618	0.281684	0.2014895	0.6043028	-4.9711625
6525000000	1.675516082	2.14675498	-7.563732262	-6.231353913	-7.727645352	-2.970978476	0.1752374	0.2381577	0.1687468	0.5045476	-5.6595454
6525000000	1.675516082	2.199114858	-7.340555296	-7.328868372	-8.019193134	-5.07246134	0.1844478	0.1849751	0.1577904	0.3109953	-6.7869224
6525000000	1.675516082	2.251474735	-7.52640889	-10.67560505	-8.235608445	-8.738126276	0.1767499	0.085932	0.1501202	0.3317172	-8.6473276
6525000000	1.675516082	2.303834613	-8.467976151	-14.84981049	-8.928875135	-12.17915484	0.1422992	0.0327355	0.1279713	0.0605459	-1.014937
6525000000	1.675516082	2.35619449	-9.789966616	-11.71840264	-10.21509555	-9.148364711	0.104955	0.0673224	0.0951679	0.1216644	-10.119879
6525000000	1.675516082	2.40554368	-11.41864782	-9.507119832	-10.66757668	-6.047460469	0.0721332	0.1120181	0.0857516	0.2484586	-8.8747231
6525000000	1.675516082	2.460914245	-12.82897618	-8.793806547	-9.959976194	-5.097394102	0.0521318	0.1320138	0.1009258	0.309215	-8.2806418
6525000000	1.675516082	2.513274123	-10.9145098	-8.063042381	-10.81359495	-6.185406108	0.080119	0.1562053	0.0829164	0.2460907	-8.5323311
6525000000	1.675516082	2.565634	-8.747578787	-7.569990238	-14.53217512	-9.356923797	0.1334265	0.1749851	0.0352194	0.1159598	-9.3968862
6525000000	1.675516082	2.617993878	-9.221334248	-8.106359528	-15.4693834	-13.07017543	0.1196373	0.154655	0.0283816	0.0493154	-10.555306
6525000000	1.675516082	2.670353756	-13.44269179	-9.576907203	-13.57681578	-11.85196706	0.0452617	0.1102324	0.0438852	0.0652835	-11.793671
6525000000	1.675516082	2.722113633	-16.89654101	-10.89589574	-25.74792719	-9.777421113	0.0204336	0.0813606	0.0266199	0.052587	-12.345117
6525000000	1.675516082	2.775073511	-12.266935	-11.84622532	-11.3436663	-9.216324062	0.0593344	0.0653698	0.0073389	0.1197754	-12.009722
6525000000	1.675516082	2.827433388	-11.20851757	-13.50319836	-19.50960126	-9.947498507	0.0757091	0.0446355	0.0111954	0.1012162	-13.355871
6525000000	1.675516082	2.79793266	-10.75692546	-16.03136595	-18.43881529	-12.04670448	0.0840054	0.0249381	0.0143258	0.0624208	-12.327111
6525000000	1.675516082	2.932153143	-9.011287074	-19.14668571	-18.38325329	-16.27426298	0.1255658	0.0121711	0.0145102	0.0235816	-13.5697
6525000000	1.675516082	2.984513021	-9.129031746	-19.53537574	-17.97523181	-23.02119089	0.1220272	0.0111292	0.0159378	0.0049875	-14.138021
6525000000	1.675516082	3.036872899	-12.59751464	-17.88099521	-19.46542755	-22.71404586	0.0549855	0.0162892	0.0113099	0.00535	-15.78884
6525000000	1.675516082	3.089232776	-17.76428679	-20.15067068	-21.07447791	-21.30283299	0.0167329	0.009659	0.0078077	0.0074083	-19.82853
6525000000	1.675516082	3.141592654	-17.03598002	-21.74376246	-21.05199153	-19.75504508	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	1.675516082	3.141									

6525000000	1.72787596	-0.733038286	0.539225039	-4.043066246	-1.37369372	-5.548411594	1.1321983	0.3941789	0.7288374	0.278714	-1.9826562
6525000000	1.72787596	-0.680678408	0.166220468	-4.845415463	-1.452418955	-5.624737583	1.0390155	0.3276864	0.7157446	0.2738585	-2.2982846
6525000000	1.72787596	-0.628318531	0.062220938	-5.044290589	-1.381356243	-5.644341208	1.01443	0.3310192	0.7275526	0.2726251	-2.3514663
6525000000	1.72787596	-0.575958653	-0.363940101	-4.990763727	-1.891985732	-6.160591547	0.9196149	0.316901	0.6468469	0.2420699	-2.7461264
6525000000	1.72787596	-0.523598776	-0.986937335	-5.33154214	-3.082298318	-7.227165877	0.796721	0.2929853	0.4917792	0.1893579	-3.5387984
6525000000	1.72787596	-0.471213898	-1.424839422	-6.192764256	-4.11173563	-6.08689699	0.7203044	0.2402833	0.3879953	0.1376934	-4.2996043
6525000000	1.72787596	-0.41887902	-1.861591055	-7.003265916	-4.109038619	-10.07152729	0.6513897	0.1993762	0.3882363	0.0983665	-4.7580882
6525000000	1.72787596	-0.366519143	-2.855087616	-7.01147932	-3.590833355	-11.76430831	0.5181926	0.1989995	0.4374382	0.0666146	-5.1525723
6525000000	1.72787596	-0.314159265	-4.519423556	-6.449063445	-3.813285548	-14.10097959	0.3532301	0.2265133	0.4155961	0.0388956	-5.8744077
6525000000	1.72787596	-0.261799388	-5.785604625	-6.037636332	-5.39709345	-15.14861101	0.2639001	0.2490212	0.2885962	0.0305959	-6.8189672
6525000000	1.72787596	-0.20943951	-5.482047757	-6.044942522	-8.134692682	-12.78801666	0.2830057	0.2486026	0.1536494	0.0526258	-7.3407722
6525000000	1.72787596	-0.157079633	-4.979533122	-6.343964358	-11.39609951	-10.60312768	0.3177216	0.2320618	0.0725087	0.0870337	-7.5121432
6525000000	1.72787596	-0.104719755	-5.6392103	-6.706535944	-15.14391729	-9.432957305	0.2729474	0.213477	0.030592	0.1139474	-8.0205714
6525000000	1.72787596	-0.052359878	-7.672864079	-6.975882289	-19.01260159	-8.663054421	0.1708888	0.2006373	0.0125528	0.1360488	-8.8595003
6525000000	1.72787596	-4.44E-16	-10.05033007	-6.832429172	-17.53426526	-8.017968178	0.0988478	0.2073753	0.017643	0.157835	-9.1928234
6525000000	1.72787596	0.052359878	-10.92710521	-5.962286994	-15.68928455	-7.559776648	0.0807773	0.2533794	0.0269818	0.1753971	-8.7246142
6525000000	1.72787596	0.104719755	-11.63009135	-4.937416902	-16.49282709	-7.078511683	0.0687054	0.3208177	0.0224242	0.1959516	-8.1822862
6525000000	1.72787596	0.157079633	-13.88547347	-4.641947108	-16.4623689	-6.33734416	0.0408745	0.343404	0.022582	0.2324158	-9.7637141
6525000000	1.72787596	0.20943951	-14.86477523	-5.314732521	-11.80660999	-5.469564591	0.0326229	0.2941215	0.065969	0.2838204	-7.7177054
6525000000	1.72787596	0.261799388	-12.31690991	-5.716739834	-7.788478821	-4.616166343	0.0586555	0.268118	0.1663995	0.3454485	-6.7489392
6525000000	1.72787596	0.314159265	-11.27242206	-3.985938828	-5.456640914	-3.897688001	0.0746033	0.3993982	0.2846662	0.4075972	-5.3526279
6525000000	1.72787596	0.366519143	-12.66079048	-1.727161826	-4.070886876	-3.598158916	0.0541902	0.6718678	0.3916617	0.4367009	-4.1049143
6525000000	1.72787596	0.41887902	-13.87013591	-0.431460526	-2.875916165	-3.764689118	0.0401191	0.9054281	0.5157134	0.4027272	-3.2734043
6525000000	1.72787596	0.471213898	-11.0571048	-0.082886834	-1.483128874	-3.555436842	0.0783952	0.9810956	0.7107013	0.4111028	-4.5724998
6525000000	1.72787596	0.523598776	-8.450075199	-0.137658879	-0.27067847	-2.137837404	0.1428869	0.9688	0.9395765	0.6012463	-1.7676879
6525000000	1.72787596	0.575958653	-7.372337937	-0.128769492	0.078062857	-0.521410853	0.1831328	0.970785	1.0181372	0.8868679	-1.1694147
6525000000	1.72787596	0.628318531	-7.157169099	-0.04654242	0.0523606818	0.273288459	0.1924346	0.9893404	0.8864195	1.0649491	-1.0607968
6525000000	1.72787596	0.680678408	-6.614258186	0.186027017	-1.296583972	0.25026809	0.2180591	1.0437649	0.7418936	1.0593191	-1.1590779
6525000000	1.72787596	0.730383286	-5.282282923	0.963789029	-1.091248798	0.207645763	0.2963273	1.2484723	0.7778129	1.0489736	-0.7422574
6525000000	1.72787596	0.785398163	-4.042934984	2.072422111	-0.140121428	0.835398492	0.3941908	1.6115442	0.9682508	1.2121039	0.1974854
6525000000	1.72787596	0.837578041	-3.526833735	2.740810837	0.39697974	1.55812704	0.4439322	1.8796677	1.0957159	1.4315681	0.8376089
6525000000	1.72787596	0.890117919	-3.6754889	2.537325434	0.244592354	1.62915079	0.4289939	1.7932687	1.0579356	1.4551194	0.7332718
6525000000	1.72787596	0.942477796	-3.994580421	1.556730933	0.119359794	1.061635076	0.3986043	1.4311103	1.0278648	1.2769145	0.1436288
6525000000	1.72787596	0.994837674	-4.062820757	0.405351231	0.810405628	0.612810044	0.39239	1.0978301	1.2051485	1.1515452	-0.1694754
6525000000	1.72787596	1.047197551	-4.067858459	-0.243074083	1.943798286	0.908828326	0.3919351	0.9455676	1.5645154	1.232772	0.1439349
6525000000	1.72787596	1.099557429	-4.257494951	-0.527523551	6.220090758	1.417562889	0.3751894	0.8856205	1.8289464	1.3859778	0.4880429
6525000000	1.72787596	1.151917306	-4.314386431	-0.763367374	2.575626695	1.583157264	0.3703065	0.8388093	1.8093654	1.4398449	0.4711185
6525000000	1.72787596	1.204277184	-3.821463141	-0.574687199	-2.642186685	1.634539541	0.4148143	0.8760548	1.684297	1.4569812	0.4455491
6525000000	1.72787596	1.256637061	-3.028996626	0.162006428	2.347774026	2.035912282	0.4978521	1.0380079	1.7170174	1.5980532	0.8376507
6525000000	1.72787596	1.308996939	-2.507155565	0.713272972	2.79648722	2.606712758	0.5614156	1.1784938	1.9039201	1.8225157	1.3663760
6525000000	1.72787596	1.361356817	-2.558944114	0.559525445	2.96307131	2.759451038	0.5547606	1.137503	1.9783682	1.8877527	1.428886
6525000000	1.72787596	1.413716694	-3.084071966	-0.220920753	2.459222644	2.180957441	0.4915784	0.9504033	1.7616607	1.652326	0.8428516
6525000000	1.72787596	1.466076572	-3.633731323	-1.177198332	1.544464812	0.995305786	0.4331386	0.7625708	1.427074	1.2575654	-0.1318923
6525000000	1.72787596	1.518436449	-3.740246914	-1.969472531	0.888640463	-0.317337778	0.4226446	0.6354081	1.227055	0.929356	-0.9492714
6525000000	1.72787596	1.570796327	-3.430963349	-2.790974982	0.712525508	-1.411238696	0.4538409	0.5258992	1.1782908	0.7225637	-1.4257784
6525000000	1.72787596	1.623156204	-3.205140733	-3.894876663	-0.07325009	-2.680582797	0.4780639	0.4078611	1.1159264	0.5394382	-1.9700582
6525000000	1.72787596	1.675516082	-3.456625103	-4.815661378	-0.330513667	-4.998088627	0.4511672	0.3299392	0.9267202	0.316367	-2.9580796
6525000000	1.72787596	1.72787596	-4.131574578	-4.784593389	-1.596140166	-9.071038045	0.3862269	0.3323079	0.6924461	0.1238501	-1.4599943
6525000000	1.72787596	1.780238537	-4.809493355	-4.211877194	-2.686588646	-12.38566116	0.3304081	0.3795111	0.5386928	0.0577343	-4.8612124
6525000000	1.72787596	1.832595715	-5.10363887	-3.746368195	-3.299675412	-9.92899816	0.3087707	0.4220493	0.4677701	0.1016483	-4.8803699
6525000000	1.72787596	1.884955592	-5.039426495	-3.442798726	-3.722107171	-7.298246786	0.31337	0.4526058	0.4244136	0.1862839	-4.6322912
6525000000	1.72787596	1.93731547	-4.962082638	-3.456308831	-4.198716884	-5.363418688	0.3190008	0.4512	0.3803017	0.2908427	-4.4329198
6525000000	1.72787596	1.989675347	-5.24872506	-4.296789096	-4.80675321	-3.775325725	0.2986259	0.37181	0.3306149	0.4192446	-4.496813
6525000000	1.72787596	2.042035225	-6.012241483	-6.472760421	-5.657586095	-2.778412592	0.2504816	0.2252807	0.271795	0.5274262	-4.9655667
6525000000	1.72787596	2.094395102	-6.743023216	-9.460787116	-6.800569152	-2.71301763	0.2116887	0.1132195	0.2089022	0.5282869	-5.7825657
6525000000	1.72787596	2.14675498	-6.836611587	-10.08003301	-7.017065857	-3.970451201	0.2071757	0.098174	0.1632651	0.4008251	-6.628204
6525000000	1.72787596	2.199114858	-6.862793149	-10.07270174	-8.398918118	-6.417216634	0.2059305	0.0983399	0.14458	0.2281804	-7.7145156
6525000000	1.72787596	2.251474735	-7.685020479	-13.28880637	-8.664079584	-9.922543913	0.1704111	0.0468942	0.1360166	0.1017995	-9.4393265
6525000000	1.72787596	2.303834613	-9.246422311	-15.75765368	-9.37439254	-12.0207573	0.1189482	0.0265604	0.1154944	0.0627499	-10.917861
6525000000	1.72787596	2.35619449	-10.53817892	-10.39390573	-10.51735478	-9.891298714	0.088345	0.0913292	0.0887697	0.1025345	-10.327114
6525000000	1.72787596	2.408554368	-11.56969666	-7.830203235	-10.6217158	-7.677600033	0.0696675	0.1648085	0.0866619	0.1707025	-9.1023568
6525000000	1.72787596	2.460914245	-12.25141236	-7.015945872	-9.974086486	-6.628001119	0.0595468	0.198795	0.1005985	0.2173702	-8.4140347
6525000000	1.72787596	2.513274123	-10.50458571	-6.542768556	-11.05527425	-6.655056594	0.089031	0.2216783	0.0784283	0.2160022	-8.2019138
6525000000	1.72787596	2.565634	-8.939290373	-6.31139038	-14.79027172	-8.044449239	0.1276647	0.2338089	0.0331878	0.1568755	-8.6048547
6525000000	1.72787596	2.617993876	-9.925144893	-6.857370321	-15.61369157	-11.5266602	0.1017385	0.2061878	0.0274556	0.0703613	-9.8308686
6525000000	1.72787596	2.670353756	-14.72127886	-8.088992138	-13.85894834	-16.31769068	0.0337188	0.1552747	0.0411249	0.023347	-11.981421
6525000000	1.72787596	2.722713633	-17.65205216	-9.395167804	-15.80630217	-13.28950064	0.017171	0.1149432	0.0262645	0.0468867	-12.897442
6525000000	1.72787596	2.775073511	-12.61187547	-11.04821552	-21.65427849	-10.2059427	0.054804				

6525000000	1.780235837	-1.151917306	2.255699522	-0.807086886	2.442567296	-2.372908777	1.6810087	0.8304076	1.7549176	0.5790407	0.8326737
6525000000	1.780235837	-1.09557429	1.781880279	-0.801345846	2.312224738	-1.641911733	1.5072595	0.8315061	1.7030307	0.6853001	0.7253447
6525000000	1.780235837	-1.047197551	1.187761813	-1.230877603	1.331288002	-1.686998633	1.3145472	0.7532033	1.3587163	0.67811	0.112084
6525000000	1.780235837	-0.994837674	1.470133352	-1.910195467	0.326112671	-2.244714268	1.4028568	0.6441403	1.0779814	0.5963876	-0.313576
6525000000	1.780235837	-0.942477796	2.450823297	-2.23077289	0.165481924	-2.774517188	1.7582569	0.5983051	1.0388389	0.5278959	-0.0840883
6525000000	1.780235837	-0.890117919	3.038575344	-2.010710371	0.467263553	-3.160035845	2.0130638	0.6294032	1.1135926	0.4830548	0.2521515
6525000000	1.780235837	-0.837758041	2.728398923	-1.863665347	0.313950334	-3.841075713	1.8743034	0.6510787	1.0796668	0.4129452	0.0144009
6525000000	1.780235837	-0.785398163	1.616202191	-2.271041551	-0.440409265	-4.895076592	1.4508423	0.5927831	0.9035643	0.3239607	-0.8735946
6525000000	1.780235837	-0.733038286	0.404313753	-3.180154855	-1.151931451	-5.513209393	1.0975678	0.4808222	0.7670203	0.2809824	-1.8270033
6525000000	1.780235837	-0.680678408	0.016252642	-4.105244091	-1.357631488	-5.233058169	1.0037493	0.3885757	0.7315379	0.2997051	-2.1760479
6525000000	1.780235837	-0.628318531	0.17927011	-4.52750126	-1.455384154	-4.98288274	1.0421423	0.3525737	0.7152561	0.3174766	-2.1609094
6525000000	1.780235837	-0.575958653	0.082232978	-4.576875063	-2.122633389	-5.456703294	1.0191152	0.348588	0.61339	0.2846621	-2.4684697
6525000000	1.780235837	-0.523598776	-0.413895191	-4.812086856	-3.445769575	-6.585012311	0.9090975	0.3302108	0.4522963	0.2195325	-3.2076814
6525000000	1.780235837	-0.471238898	-1.059179338	-5.459638116	-4.528297091	-7.975806505	0.7835777	0.2844698	0.3525091	0.1593747	-4.034218
6525000000	1.780235837	-0.41887902	-1.825290673	-6.143863939	-4.414993283	-9.423302137	0.6568572	0.2430041	0.3618268	0.114201	-4.634766
6525000000	1.780235837	-0.366519143	-2.992845837	-6.257271729	-3.71038629	-11.28933609	0.5020135	0.2367406	0.4255606	0.0743133	-5.091191
6525000000	1.780235837	-0.314159265	-4.554416783	-5.90879903	-3.76414924	-14.2806185	0.3503953	0.2565193	0.4203249	0.0373197	-5.7489016
6525000000	1.780235837	-0.261799388	-5.537129514	-5.686607864	-5.22799446	-16.40070232	0.279439	0.2699847	0.3000548	0.022905	-6.6135247
6525000000	1.780235837	-0.20943951	-5.228305927	-5.837086048	-7.979067515	-13.45275539	0.3000333	0.2607903	0.1592551	0.0451569	-7.1826486
6525000000	1.780235837	-0.157079633	-4.905004723	-6.244496788	-11.45447884	-17.75701025	0.323221	0.2374123	0.0715405	0.0836431	-7.4725808
6525000000	1.780235837	-0.104719755	-5.683607451	-6.681920745	-15.43547878	-9.464274381	0.2701713	0.2146881	0.0286057	0.1131286	-8.0507396
6525000000	1.780235837	-0.052359878	-7.735534018	-6.971180395	-19.11258936	-8.675408612	0.1684405	0.2008547	0.0122671	0.1356623	-8.8838084
6525000000	1.780235837	-4.44E-16	-10.05032955	-6.832429175	-17.53426549	-8.01796792	0.0988478	0.2073753	0.017643	0.157835	-9.1928232
6525000000	1.780235837	0.052359878	-10.88610395	-5.998988973	-15.90492298	-7.556148063	0.0815435	0.2512471	0.0256748	0.1755437	-8.7451126
6525000000	1.780235837	0.104719755	-11.6036476	-4.952504574	-16.81619581	-7.059106991	0.069125	0.3197051	0.0208115	0.1968291	-8.3724518
6525000000	1.780235837	0.150779633	-14.06188369	-4.489482804	-16.46468756	-6.276374398	0.0392475	0.3556737	0.02257	0.2307016	-7.8701864
6525000000	1.780235837	0.20943951	-15.50344538	-4.878546976	-11.54758652	-5.374380344	0.0281615	0.3251961	0.0700231	0.2911095	-7.47392
6525000000	1.780235837	0.261799388	-12.5855449	-5.339880515	-7.54333394	-4.466008463	0.0551373	0.2924233	0.1760624	0.3576014	-6.5697351
6525000000	1.780235837	0.314159265	-11.09622159	-4.27893438	-5.220812464	-3.68044406	0.0776923	0.3733418	0.3005514	0.4285043	-5.3014496
6525000000	1.780235837	0.366519143	-11.95136788	-2.275046043	-3.854481159	-3.419987732	0.0638062	0.5922368	0.4116725	0.4549893	-4.1944424
6525000000	1.780235837	0.41887902	-12.92982575	-0.783742125	-2.758737383	-3.789478334	0.0509351	0.8348833	0.5298175	0.4178806	-3.3877518
6525000000	1.780235837	0.471238898	-10.65131636	-0.081451336	-1.532319727	-3.635112551	0.0860733	0.9814199	0.7026969	0.4330008	-2.5900786
6525000000	1.780235837	0.523598776	-8.16091354	0.090130325	-0.455053167	-1.884028909	0.1527245	1.0209701	0.9005226	0.648033	-1.7131196
6525000000	1.780235837	0.575958653	-7.066442475	-0.036989559	-0.157949249	-0.083583743	0.1964969	0.9909028	0.9642843	0.9809382	-1.0615198
6525000000	1.780235837	0.628318531	-6.898127913	-0.425174429	-0.70227568	0.59633963	0.2042618	0.9067395	0.8506921	1.1471863	-1.0946505
6525000000	1.780235837	0.680678408	-6.425910393	-0.777599512	-1.070798588	0.249531359	0.2277241	0.8360658	0.7464368	1.0591398	-1.4427404
6525000000	1.780235837	0.730388263	-5.01584601	-0.293397983	-0.828315088	-0.023857838	0.3150761	0.9346741	0.8263585	0.9945216	-1.1483247
6525000000	1.780235837	0.785398163	-3.581787358	1.032718	0.203792478	0.802056843	0.4383503	1.2684455	1.0480434	1.202834	-0.6026008
6525000000	1.780235837	0.837758041	-2.808292439	2.16784257	0.72438181	1.824297317	0.5238063	1.6473438	1.1815121	1.5205285	0.8588925
6525000000	1.780235837	0.890117919	-2.631767896	2.533012179	0.517626667	2.308888537	0.5455357	1.7918482	1.1265816	1.5991487	1.0325774
6525000000	1.780235837	0.942477796	-2.645885663	2.17999844	0.284557559	1.421669008	0.5437652	1.6519612	1.067716	1.3872889	0.6546126
6525000000	1.780235837	0.994837674	-2.628433232	1.50930515	0.82811777	0.739304176	0.5459548	1.4155673	1.2100736	1.1855788	0.3414455
6525000000	1.780235837	1.047197551	-2.815032286	0.87598563	1.849093908	0.798000988	0.5229941	1.2234848	1.5307681	1.2017112	0.49117
6525000000	1.780235837	1.099557429	-3.368131116	0.158016672	0.469917545	1.194676216	0.4604547	1.0705447	1.7655977	1.3166177	0.5871861
6525000000	1.780235837	1.151917306	-3.808997279	-0.863824777	2.39329446	1.323622375	0.4160066	0.8196295	1.7351197	1.3563202	0.3413434
6525000000	1.780235837	1.204277184	-3.475679501	-1.607677584	2.059843651	1.393462834	0.449192	0.960699	1.6068834	1.378308	0.3136517
6525000000	1.780235837	1.256637061	-2.674173688	-1.210759723	2.117886043	1.842571191	0.5402349	0.7567005	1.6285032	1.5284707	0.4668137
6525000000	1.780235837	1.308996939	-2.139203487	-0.420823948	2.549621139	2.409233088	0.6110541	0.9076483	1.7987114	1.7414996	0.1099748
6525000000	1.780235837	1.361356817	-2.165301157	-0.212875042	2.716145048	2.477719117	0.6073931	0.9521656	1.8690226	1.7691796	1.1375631
6525000000	1.780235837	1.413716694	-2.58548703	-0.646273587	2.223312049	1.766761489	0.5513804	0.8617328	1.6685192	1.5020215	0.5915183
6525000000	1.780235837	1.466076572	-2.955575709	-1.240813524	1.323933685	0.442176304	0.5063402	1.7514819	1.3564175	1.071785	-0.3135154
6525000000	1.780235837	1.518436449	-2.93053829	-1.616684195	0.679868946	-0.1012623977	0.5092677	0.6891783	1.1694461	0.7902277	-1.0238215
6525000000	1.780235837	1.570796327	-2.616847509	-2.067006591	0.507377724	-2.357294895	0.5474132	0.6212971	1.122726	0.5811263	-1.437905
6525000000	1.780235837	1.623156204	-2.440604262	-3.102208589	0.246470779	-4.115804791	0.5700849	0.4895298	1.0583933	0.3876319	-2.0314133
6525000000	1.780235837	1.67516082	-2.737843437	-4.69940812	-0.60796702	-7.156751073	0.5323726	0.3388488	0.8693673	0.1924531	-3.1581877
6525000000	1.780235837	1.72787596	-3.516097034	-6.062785121	-1.936401747	-10.79584572	0.445031	0.2475834	0.6402651	0.083256	-4.5095519
6525000000	1.780235837	1.780235837	-4.414872831	-6.636064634	-3.051500176	-9.275609884	0.3618368	0.2169669	0.4952791	0.1181514	-5.2569841
6525000000	1.780235837	1.832595715	-4.867531548	-6.850449621	-3.650593935	-6.201100125	0.326022	0.2065166	0.4314635	0.2398252	-5.2149677
6525000000	1.780235837	1.884955592	-4.645377652	-6.795870367	-4.083414469	-4.275385805	0.3431328	0.2091284	0.3905337	0.3736469	-4.8265831
6525000000	1.780235837	1.93731547	-4.233001415	-6.567787391	-4.584520979	-3.009088019	0.3773113	0.2204049	0.3479749	0.5001395	-4.4194255
6525000000	1.780235837	1.989675347	-4.300937738	-6.973434644	-5.147269404	-2.171014956	0.371455	0.2007505	0.3056842	0.6065496	-4.3084839
6525000000	1.780235837	2.042035225	-5.020418543	-8.831015914	-5.895879513	-1.90108988	0.3147445	0.1308876	0.2572836	0.4654922	-4.7223872
6525000000	1.780235837	2.094395102	-5.77074709	-11.67799051	-7.066609589	-2.430997368	0.2648045	0.0679531	0.1964857	0.5713474	-5.6034418
6525000000	1.780235837	2.14675498	-5.958357218	-11.72401012	-8.12888184	-3.822987926	0.2536088	0.0672356	0.1441157	0.4146687	-5.6776063
6525000000	1.780235837	2.199114858	-6.259579837	-11.03194478	-9.197226359	-5.83864884	0.2366149	0.0788507	0.1203033	0.2606964	-7.5916054
6525000000	1.780235837	2.251474735	-7.413655748	-12.67804779	-9.501451367	-7.841136481	0.1813988	0.0539753	0.1121645	0.1643941	-8.2984706
6525000000	1.780235837	2.303834613	-8.951273502	-12.30424632	-10.22092927	-6.865633477	0.127313	0.0588268	0.0950403	0.1353435	-8.8242065
6525000000	1.780235837	2.35619449									

6525000000	1.832595715	-1.570796327	-2.152132455	-3.435944644	-2.14032373	-4.861380486	0.6092377	0.4533207	0.6108965	0.326484	-3.0104327
6525000000	1.832595715	-1.518436449	-1.232243485	-3.077944324	-1.480132345	-5.147899682	0.5729665	0.4922725	0.7111919	0.3056399	-2.4755381
6525000000	1.832595715	-1.466076572	-1.229150434	-2.426185783	-0.0332481763	-5.5719808	1.0541807	0.7774562	0.9923737	0.3015212	-1.3666877
6525000000	1.832595715	-1.413716694	1.318954087	-1.88309301	1.02466553	-5.222594094	1.3548631	0.6481726	1.2660958	0.3004281	-0.4944535
6525000000	1.832595715	-1.361356817	1.782763453	-1.675272708	1.092719175	-5.597828614	1.507566	0.6799433	1.2860916	0.2755606	-0.2812583
6525000000	1.832595715	-1.308996939	1.881476891	-1.734149905	0.553656358	-6.437507161	1.5422248	0.7007876	1.1359668	0.2271168	-0.4865082
6525000000	1.832595715	-1.256637061	2.024710438	-1.788097043	-0.655620761	-7.00701043	1.5939366	0.6625067	1.1082866	0.1992044	-0.5013043
6525000000	1.832595715	-1.204277184	2.267684691	-1.591481456	1.19817627	-6.067723228	1.6856541	0.6931893	1.3177033	0.247302	-0.0613974
6525000000	1.832595715	-1.151917306	2.282168132	-1.234837147	1.949066133	-4.226844936	1.6912851	0.7525169	1.5664142	0.3778466	0.4021284
6525000000	1.832595715	-1.099557429	1.87386744	-1.093240791	1.864051971	-2.860130642	1.539525	0.7774562	1.5360501	0.5175915	0.3848331
6525000000	1.832595715	-1.047197551	1.424397059	-1.352031468	0.947682048	-2.33709556	1.3881606	0.7324818	1.2438506	0.5838354	-0.0564673
6525000000	1.832595715	-0.994837674	1.728736976	-1.716907146	0.042653758	-2.363560716	1.488928	0.6734561	1.0098698	0.5802885	-0.2773439
6525000000	1.832595715	-0.942477796	2.621508902	-1.679068146	0.018278122	-2.499513342	1.8287355	0.6793494	1.0042176	0.5624043	0.0803637
6525000000	1.832595715	-0.890117919	3.131108102	-1.311499656	0.464514135	-2.743874614	2.0564152	0.7393499	1.1128879	0.5316337	-0.4535103
6525000000	1.832595715	-0.837758041	2.741449595	-1.200219842	0.438077216	-3.483878946	1.8799442	0.7585392	1.1061339	0.4483448	0.2046095
6525000000	1.832595715	-0.785398163	1.511983108	-1.69164494	-0.235693686	-4.735259155	1.4164404	0.6773849	0.9471759	0.3361043	-0.7351536
6525000000	1.832595715	-0.733038286	0.207689614	-2.691961694	-0.958556035	-5.490438736	1.0489842	0.5380267	0.8019447	0.2824595	-1.7531862
6525000000	1.832595715	-0.680678408	-0.032352136	-3.721364598	-1.261229505	-5.027544291	0.9925783	0.4244862	0.7479578	0.3142285	-0.0773953
6525000000	1.832595715	-0.628318531	0.434340913	-4.213515593	-1.488773848	-4.565027678	1.1051827	0.3790081	0.7097781	0.3495403	-1.9662668
6525000000	1.832595715	-0.575958653	0.551675509	-4.214935238	-2.289590465	-5.004029878	1.1354488	0.3788842	0.5902567	0.3159345	-2.8115057
6525000000	1.832595715	-0.523598776	0.054036405	-4.307234309	-3.747556395	-6.240560139	1.0125201	0.3709169	0.4219338	0.2376534	-2.9178649
6525000000	1.832595715	-0.471238898	-0.840770739	-4.808684248	-4.901637616	-7.712536723	0.8239919	0.3304696	0.3234717	0.1693348	-3.8529572
6525000000	1.832595715	-0.41887902	-1.923269067	-5.440897932	-4.408977952	-9.104978218	0.6422401	0.2857	0.3396431	0.128859	-4.8590987
6525000000	1.832595715	-0.366519143	-3.206410881	-5.647168494	-3.810620986	-10.92346827	0.4779241	0.2724477	0.4158511	0.080845	-5.0616988
6525000000	1.832595715	-0.314159265	-4.562706536	-5.470200136	-3.707275754	-14.22208632	0.3497271	0.2837788	0.4258655	0.0378261	-5.6177517
6525000000	1.832595715	-0.261799388	-5.241068339	-5.415920687	-5.059879991	-17.65329891	0.2991529	0.2873478	0.318976	0.017166	-6.403711
6525000000	1.832595715	-0.20943951	-4.970133867	-5.693589516	-7.82265917	-14.17148098	0.3184099	0.2695511	0.1650951	0.0382694	-6.370348
6525000000	1.832595715	-0.157079633	-4.842586331	-6.184099096	-11.50708419	-10.95389884	0.3279	0.2407632	0.0706792	0.0802805	-7.4495504
6525000000	1.832595715	-0.104719755	-5.742891187	-6.668086881	-15.7356066	-9.492500066	0.2665084	0.215373	0.0266952	0.1123958	-8.0898767
6525000000	1.832595715	-0.052359878	-7.806348432	-6.965714367	-19.19509894	-8.685721519	0.1657163	0.2011076	0.0120362	0.1353405	-8.9092737
6525000000	1.832595715	-4.44E-16	-10.05032995	-6.832429001	-17.53426537	-8.017967879	0.0988478	0.2037353	0.017643	0.157835	-9.1928232
6525000000	1.832595715	0.052359878	-10.83853016	-6.037264648	-16.12929301	-7.554212568	0.0824417	0.2490425	0.0243821	0.1756219	-8.7656632
6525000000	1.832595715	0.104719755	-11.53993498	-4.979274353	-17.13143401	-7.041828353	0.0701466	0.3177405	0.0192693	0.1976138	-8.2046966
6525000000	1.832595715	0.157079633	-14.12254919	-4.369887242	-16.45306299	-6.216774448	0.038703	0.3656043	0.0226305	0.2389585	-7.7865336
6525000000	1.832595715	0.20943951	-16.15465343	-4.487594236	-11.32313106	-5.282285351	0.0242401	0.3558284	0.0737372	0.2963272	-7.2692178
6525000000	1.832595715	0.261799388	-12.94991427	-4.8811200725	-7.35102072	-4.32663724	0.0507001	0.3250034	0.1804037	0.3692634	-6.3404352
6525000000	1.832595715	0.314159265	-10.99657197	-4.408365807	-5.052381866	-3.492386811	0.0794955	0.3623793	0.3123718	0.4474673	-5.2258887
6525000000	1.832595715	0.366519143	-11.2969946	-2.886967955	-3.722989665	-3.276169024	0.0741823	0.5144027	0.4243274	0.4703868	-4.3085408
6525000000	1.832595715	0.41887902	-11.91151751	-1.370906756	-2.743358157	-3.98437379	0.0643944	0.7293052	0.531697	0.4170194	-3.6090814
6525000000	1.832595715	0.471238898	-10.09584337	-0.391709505	-1.699609694	-3.619083282	0.0978173	0.9137535	0.6761437	0.434602	-2.7352484
6525000000	1.832595715	0.523598776	-7.840528767	0.060924931	-0.754004587	-1.60877768	0.1644172	1.0141273	0.8406119	0.6904341	-1.6915563
6525000000	1.832595715	0.575958653	-6.795770453	0.059833764	-0.47122132	0.246682671	0.2091332	1.0138726	0.8971765	1.0584449	-0.9192304
6525000000	1.832595715	0.628318531	-6.758311687	-0.409468614	-0.889437388	-0.78538214	0.2109448	0.9102466	0.8148098	1.1982426	-1.0596047
6525000000	1.832595715	0.680678408	-6.62053191	-1.183888468	-0.195264782	0.215729382	0.2177443	0.761397	0.7594051	1.0592979	-1.5623583
6525000000	1.832595715	0.733038286	-5.429936354	-1.449163402	-0.544817038	-0.0667729	0.286422	0.7162814	0.882101	0.9847426	-1.4424666
6525000000	1.832595715	0.785398163	-3.90429557	-0.488265342	-0.55568224	1.074123396	0.4069775	0.8986624	1.1260478	1.2085966	-0.330041
6525000000	1.832595715	0.837758041	-2.855266752	0.886013197	0.989434724	2.318444885	0.5181713	1.226313	1.2558665	1.7054716	0.7057553
6525000000	1.832595715	0.890117919	-2.291621089	1.792359199	0.706343235	2.593949991	0.5899808	1.5109007	1.1766148	1.8171677	1.0505556
6525000000	1.832595715	0.942477796	-1.905888655	2.138762798	0.336133018	1.942984138	0.6447794	1.6363503	1.0804715	1.5642221	0.9041883
6525000000	1.832595715	0.994837674	-1.621338612	2.210042959	0.700730175	1.214671895	0.6884401	1.6634291	1.1750951	1.3227178	0.8365328
6525000000	1.832595715	1.047197551	-1.726370051	2.17222677	1.596661556	1.290562194	0.6719903	1.6490077	1.4443291	1.3460336	1.0647662
6525000000	1.832595715	1.099557429	-2.422980218	1.80946751	2.164876228	1.769695004	0.5724031	1.5168644	1.646219	1.4722091	1.145856
6525000000	1.832595715	1.151917306	-3.307533341	0.835630295	-2.0719681	1.712039666	0.4669245	1.2121686	1.6113757	1.4832146	0.7679361
6525000000	1.832595715	1.204277184	-3.467108772	-0.529788471	1.716462539	1.665889612	0.4500794	0.8851587	1.4847258	1.4675367	0.301442
6525000000	1.832595715	1.256637061	-2.846171963	-1.295061726	1.731431462	2.110104114	0.5192575	0.7421536	1.4898521	1.6255877	0.3901777
6525000000	1.832595715	1.308996939	-2.279551737	-1.085288262	2.126974626	2.772592771	0.5916227	0.7788811	1.6319147	1.8934737	0.7717186
6525000000	1.832595715	1.361356817	-2.228250607	-0.842287132	2.28654329	2.973508329	0.5986527	0.8237002	1.6929898	1.9831285	1.0538031
6525000000	1.832595715	1.413716694	-2.596164628	-1.03757423	1.802271531	2.465377363	0.5500264	0.7874855	1.5145351	1.764159	0.6220807
6525000000	1.832595715	1.466076572	-2.941878051	-1.270270984	0.900353023	1.489035148	0.5079397	0.746022	1.2303688	1.4089757	-0.1169902
6525000000	1.832595715	1.518436449	-2.898239653	-1.089706334	0.225065206	0.493436584	0.5130693	0.7780892	1.0531895	1.120324	-0.6239786
6525000000	1.832595715	1.570796327	-2.554288666	-0.892229532	0.005782757	-0.440233704	0.5553556	0.8142861	1.0013324	0.9306008	-0.8690505
6525000000	1.832595715	1.623156204	-2.303551201	-1.309057666	-0.281893061	-1.746175912	0.5883624	0.7397658	0.9371534	0.6689327	-1.3456817
6525000000	1.832595715	1.675516082	-2.485914102	-2.439840591	-1.166770704	-3.769341338	0.5641682	0.5701852	0.7644004	0.4198227	-2.3683791
6525000000	1.832595715	1.72787596	-3.160232576	-3.75678744	-1.523121491	-5.871985291	0.4830329	0.421038	0.5582232	0.258703	-3.8627987
6525000000	1.832595715	1.780235837	-3.973267585	-4.642333731	-3.674583558	-6.158769976	0.4005652	0.3433734	0.4290833	0.2421175	-5.1524419
6525000000	1.832595715	1.832595715	-5.282306472	-4.307794942	-4.798435053	-4.798435053	0.3740063	0.3623257	0.370869	0.3312505	-6.4562698
6525000000	1.832595715	1.884955592	-3.864389041	-5.969284401	-4.807549781	-3.164351123	0.4107344	0.2529715	0.330556	0.4825751	-4.3272744
6525000000	1.832595715	1.9									

6525000000	1.884955592	-1.989675347	-7.668961466	-4.142874904	-8.312607348	-6.015282455	0.1710424	0.3852233	0.1474821	0.2503063	-6.2248701
6525000000	1.884955592	-1.93731547	-5.043344988	-4.185412023	-8.000207107	-6.545156216	0.3130873	0.3814686	0.1584818	0.2215564	-5.7085152
6525000000	1.884955592	-1.884955592	-5.73709299	-4.317716382	-7.37643407	-4.3702100218	0.4391664	0.3700227	0.1830778	0.1822175	-5.3221277
6525000000	1.884955592	-1.832595715	-2.915640146	-3.976340417	-6.372913236	-7.203364443	0.5110177	0.4002819	0.23052	0.1903985	-4.7748463
6525000000	1.884955592	-1.780235837	-2.334040414	-3.189223098	-4.818055711	-5.556889938	0.5842463	0.4798193	0.3297573	0.2781705	-3.78282545
6525000000	1.884955592	-1.72787596	-1.746118839	-2.579372832	-3.134736003	-3.894226463	0.6689415	0.5521572	0.4858771	0.4079222	-2.7677058
6525000000	1.884955592	-1.675516082	-1.398442915	-2.547880399	-2.135803799	-3.028296807	0.7246957	0.5561745	0.6115326	0.4979323	-2.260118
6525000000	1.884955592	-1.623156204	-1.349346363	-2.991774164	-2.073426476	-2.962529559	0.7329348	0.5021374	0.6203794	0.5055301	-2.2896736
6525000000	1.884955592	-1.570796327	-1.225764953	-3.414806713	-2.703179232	-3.297645262	0.7540906	0.4555325	0.5886567	0.4679888	-2.4674863
6525000000	1.884955592	-1.518436449	-0.533873663	-3.367968642	-1.708917207	-3.51301766	0.8843265	0.4604719	0.6746878	0.4453176	-2.1027764
6525000000	1.884955592	-1.466076572	0.452546699	-2.9337357	-0.315505896	-3.412212631	1.1098254	0.5088929	0.9299282	0.4558046	-1.2429484
6525000000	1.884955592	-1.413716694	1.174540296	-2.540733808	0.716480055	-3.317256707	1.3105513	0.5570916	1.1793644	0.4658804	-0.5639574
6525000000	1.884955592	-1.361356817	1.485132587	-2.349865574	0.758367822	-3.729711775	1.4077102	0.5701819	1.1907944	0.4236711	-0.4668043
6525000000	1.884955592	-1.30896939	1.562048059	-2.505030361	0.169399332	-4.898291548	1.4328635	0.5616904	1.0397763	0.323721	-0.7597269
6525000000	1.884955592	-1.256637061	1.680862776	-2.401938076	-0.00445988	-4.663974042	1.472605	0.5751832	0.9989768	0.2257369	-0.8718008
6525000000	1.884955592	-1.204277184	1.922357108	-1.951535813	0.713729171	-7.032520929	1.5568104	0.6380378	1.1786176	0.1980377	-0.4920892
6525000000	1.884955592	-1.151917306	2.05893334	-1.38160478	1.477078679	-5.839666372	1.6065466	0.7275109	1.4051021	0.2606354	-0.0002226
6525000000	1.884955592	-1.099557429	1.886985934	-1.075148891	1.4225056	-4.362409131	1.5441824	0.7807017	1.3875561	0.3662344	0.0845906
6525000000	1.884955592	-1.047197551	1.644372776	-1.127170805	0.547554455	-3.489990018	1.4602838	0.7714058	1.1343719	0.4477143	-0.2070483
6525000000	1.884955592	-0.994837674	1.935969556	-1.238817881	-0.284720017	-3.056512741	1.5616976	0.7518275	0.9365436	0.4947078	-0.2863409
6525000000	1.884955592	-0.942477796	2.692960111	-1.091365987	-0.187080089	-2.736245188	1.8590711	0.7777919	0.9578378	0.5325685	0.1360282
6525000000	1.884955592	-0.89017919	3.0919633	-0.843721168	0.402834481	-2.660257238	2.0379632	0.8234323	1.0971941	0.5419698	0.512064
6525000000	1.884955592	-0.837758041	2.600669991	-0.921920327	0.503237113	-2.32334163	1.8199816	0.8087382	1.1228551	0.4750788	0.2393678
6525000000	1.884955592	-0.785398163	1.279196206	-1.546308065	-0.094565864	-4.507582605	1.3425165	0.7004372	0.9784608	0.3541944	-0.7370787
6525000000	1.884955592	-0.733038286	0.035285094	-2.588983588	-0.872346964	-5.461338581	1.0081578	0.5509366	0.8265256	0.2843585	-1.7634584
6525000000	1.884955592	-0.680678408	0.076695352	-3.572586622	-1.200115004	-4.987149834	1.0178166	0.4392799	0.7585575	0.3171648	-1.9845586
6525000000	1.884955592	-0.628318531	0.754730974	-3.961386698	-1.5101278	-4.359276509	1.1897976	0.4016625	0.7062968	0.3664986	-1.7648411
6525000000	1.884955592	-0.57598653	0.919708422	-3.851863865	-2.041092206	-4.73921152	1.2358645	0.4119207	0.5752952	0.3357986	-1.9401025
6525000000	1.884955592	-0.523598776	0.314424823	-3.853300841	-3.969924486	-6.087454126	1.0750842	0.4117844	0.4008737	0.246181	-2.7288184
6525000000	1.884955592	-0.471238898	-0.837718392	-4.294761678	-5.198724991	-7.71058459	0.8245712	0.3719836	0.3202838	0.1694109	-3.7985103
6525000000	1.884955592	-0.441887902	-0.91287902	-4.912938897	-4.907895212	-9.052429549	0.6051321	0.322631	0.3230059	0.1243819	-4.64370964
6525000000	1.884955592	-0.366519143	-3.47484451	-5.177853816	-3.679158321	-10.67501371	0.4492784	0.3035391	0.40934	0.0856409	-5.059281
6525000000	1.884955592	-0.314159265	-4.52151484	-5.129996568	-3.68598029	-13.92692551	0.35306	0.3069024	0.4326535	0.0044862	-5.4779093
6525000000	1.884955592	-0.261799388	-4.917032635	-5.223192289	-4.893732266	-18.52988227	0.322327	0.3003867	0.324061	0.0140285	-6.194255
6525000000	1.884955592	-0.20943951	-4.725616999	-5.610596225	-7.669265379	-14.86986893	0.3368514	0.2747517	0.1710305	0.0325847	-6.9078613
6525000000	1.884955592	-0.157079633	-4.799897233	-6.157001856	-11.55579295	-11.1242013	0.331139	0.2422701	0.0698909	0.0771933	-7.4443004
6525000000	1.884955592	-0.104719755	-5.819113129	-6.662539115	-16.4023091	-9.515979676	0.2618718	0.2156483	0.0248753	0.117898	-8.3176064
6525000000	1.884955592	-0.052359878	-7.885293725	-6.958993136	-19.25613932	-6.893847331	0.1627311	0.201491	0.0118682	0.1350875	-8.9354901
6525000000	1.884955592	-4.44E-16	-10.05032986	-6.832428966	-17.5342657	-8.0179683	0.0988478	0.2037353	0.017643	0.1578349	-9.1928233
6525000000	1.884955592	0.052359878	-10.78463029	-6.077030998	-16.36196041	-7.554073146	0.0834713	0.2467726	0.0231102	0.176276	-8.7861941
6525000000	1.884955592	0.104719755	-11.43800322	-5.019172827	-17.49626428	-7.027716798	0.0718124	0.3148348	0.0177981	0.1982569	-8.2195719
6525000000	1.884955592	0.157079633	-14.03008987	-4.290362214	-16.43685785	-6.161552978	0.0395358	0.3723606	0.0227151	0.2420163	-7.7171008
6525000000	1.884955592	0.20943951	-16.66832583	-4.164308649	-11.1388011	-5.20078505	0.0215361	0.3833268	0.0769341	0.3019496	-7.0789832
6525000000	1.884955592	0.261799388	-13.36336471	-4.407805513	-7.213521867	-4.213931456	0.046096	0.3624261	0.1899537	0.3798718	-6.119665
6525000000	1.884955592	0.314159265	-10.95351618	-4.334746107	-4.954551748	-3.35087957	0.0802876	0.3685746	0.3195544	0.4622874	-5.1196339
6525000000	1.884955592	0.366519143	-10.71212276	-3.441027761	-3.675202178	-3.168881034	0.0848766	0.4527904	0.4290222	0.482072	-4.4601961
6525000000	1.884955592	0.41887902	-10.95179765	-2.134652897	-2.826772965	-3.774608409	0.0803194	0.6116947	0.5215821	0.4193138	-3.8909775
6525000000	1.884955592	0.471238898	-9.524708351	-1.017583585	-1.983612061	-3.553854335	0.1115653	0.7911187	0.6333427	0.4411787	-3.6008819
6525000000	1.884955592	0.523598776	-7.577162101	-0.317792931	-1.171907941	-1.445764574	0.1746963	0.9294386	0.7635003	0.7168422	-1.8968725
6525000000	1.884955592	0.575958653	-6.599457086	-0.073162144	-0.873854672	0.377155418	0.2188035	0.9832949	0.8177387	1.0907257	-1.0922102
6525000000	1.884955592	0.628318531	-6.653067605	-0.303850026	-1.12062148	0.836066167	0.2161191	0.9324273	0.77257	1.1222903	-1.0604322
6525000000	1.884955592	0.680678408	-6.980419308	-0.944003242	-1.15745121	0.254688588	0.2004279	0.8046364	0.7660524	1.0603979	-1.5004119
6525000000	1.884955592	0.733038286	-6.451349052	-1.57294999	-0.34353628	0.176844606	0.2263941	0.6961535	0.9239455	1.0145604	-1.4145475
6525000000	1.884955592	0.785398163	-5.120295845	-1.435984267	0.72258707	1.541125608	0.3075887	0.7184583	1.181024	1.4259771	-0.4178884
6525000000	1.884955592	0.837758041	-3.835376662	-0.502690906	1.156818949	2.863586794	0.4134875	0.8906989	1.3052145	1.9335646	0.5527994
6525000000	1.884955592	0.890117919	-2.83344244	0.500352119	0.816642341	3.197171224	0.5207817	1.1221094	1.2068804	2.0879357	0.9146535
6525000000	1.884955592	0.942477796	-1.986281784	0.33048826	2.672690332	6.3295335	0.6329535	1.3392228	1.079068	1.8504145	0.8828309
6525000000	1.884955592	0.994837674	-1.337165397	1.947039476	0.53019436	2.14256705	0.7349934	1.5658384	1.1298465	1.6377843	1.0280298
6525000000	1.884955592	1.047197551	-1.181159204	2.562844083	1.312633276	2.307167895	0.7618756	1.8041989	1.3528926	1.7010489	1.4767756
6525000000	1.884955592	1.099557429	-1.737817585	2.826732397	1.843516261	2.581105764	0.6702213	1.9172257	1.5288034	1.8118013	1.7085199
6525000000	1.884955592	1.151917306	-2.777152788	2.481958075	1.73946074	2.350197309	0.5275756	1.7709072	1.4926091	1.7179864	1.3901896
6525000000	1.884955592	1.204277184	-3.477995301	1.644140082	1.344474756	1.983650072	0.4489526	1.4602056	1.3628482	1.5789737	0.8376628
6525000000	1.884955592	1.256637061	-3.289832678	0.876728032	1.279396014	2.294412765	0.4688314	1.2236939	1.3425782	1.6960603	0.72908
6525000000	1.884955592	1.30896939	-2.77262939	0.615131574	1.610659301	3.077068818	0.5281254	1.152161	1.4489918	2.0309847	1.1061184
6525000000	1.884955592	1.361356817	-2.621199822	0.486279127	1.75497295	3.513722547	0.5468649	1.1184792	1.4979499	2.2458061	1.3106502
6525000000	1.884955592	1.413716694	-2.988799476	0.006915308	1.272921315	3.323600621	0.5024815	1.0015935	1.3405781	2.1496119	0.964116
6525000000	1.884955592	1.466076572	-3.518933047	-0.601846975	0.33961984	2.739613309	0.4447405	0.8705933	1.0813393	1.8791495	0.2895968
6525000000	1.884955592	1.518436449									

6525000000	1.93731547	-2.408554368	-6.478010946	-9.165540559	-15.82743265	-5.058062681	0.22500085	0.1211842	0.0261371	0.3120281	-7.6677674
6525000000	1.93731547	-2.35619449	-9.049277804	-10.21255507	-13.40399698	-4.572086281	0.12447722	0.0952236	0.0456668	0.3489726	-8.1365463
6525000000	1.93731547	-2.303834613	-13.27364228	-9.247557123	-11.75690702	-4.760998166	0.04705582	0.1189171	0.0667782	0.3341182	-8.4861347
6525000000	1.93731547	-2.251474735	-17.03055978	-7.236385922	-10.90793763	-5.317800443	0.01981127	0.1889563	0.0811346	0.2939138	-8.3578293
6525000000	1.93731547	-2.199114858	-14.48159224	-5.905770231	-10.11809491	-5.608934721	0.035632	0.2566983	0.0973175	0.2748568	-7.7956199
6525000000	1.93731547	-2.14675498	-12.39898799	-5.254529754	-9.332743772	-5.522632826	0.05755754	0.298227	0.1166073	0.2803373	-7.2540054
6525000000	1.93731547	-2.094395102	-11.65814451	-4.702833908	-8.76834417	-5.477529453	0.068263	0.3386231	0.1298125	0.2833003	-6.8824668
6525000000	1.93731547	-2.042035225	-10.6929228	-4.023374735	-8.78636667	-5.56188503	0.0852526	0.3959702	0.1322401	0.2778507	-6.5202941
6525000000	1.93731547	-1.989675347	-8.534655691	-3.537698086	-8.738768021	-5.731575139	0.14013111	0.4428238	0.1336975	0.2672037	-6.0912845
6525000000	1.93731547	-1.93731547	-6.135745891	-3.483439079	-8.29567861	-6.13087426	0.2434588	0.4483902	0.1480582	0.243732	-5.6717531
6525000000	1.93731547	-1.884955592	-4.448802714	-3.598509375	-7.519196172	-6.504526439	0.35920029	0.4366657	0.1770437	0.2236389	-5.2419479
6525000000	1.93731547	-1.832595715	-3.320652338	-3.276407101	-6.426057314	-5.907348154	0.4655162	0.470283	0.2277164	0.256605	-4.4973477
6525000000	1.93731547	-1.780235837	-2.614249343	-2.404764462	-4.844044241	-4.235777741	0.54774408	0.574809	0.3277899	0.3770702	-3.4022402
6525000000	1.93731547	-1.72787596	-2.441018367	-1.574424914	-3.160469889	-2.637454423	0.5700306	0.6959171	0.4830065	0.5448219	-2.4150896
6525000000	1.93731547	-1.675516082	-2.61528129	-1.241720181	-2.158208418	-1.845889355	0.5476106	0.7513252	0.6083859	0.653749	-1.936384
6525000000	1.93731547	-1.623156204	-2.664039393	-1.394382291	-2.09734114	-1.879939097	0.541497	0.7253736	0.6169726	0.6486435	-1.985128
6525000000	1.93731547	-1.570796327	-2.19548294	-1.692356409	-2.353000806	-2.294545449	0.6031866	0.7727239	0.5817011	0.5957368	-2.1149604
6525000000	1.93731547	-1.518436449	-1.206482054	-1.784571111	-1.816473741	-2.249504976	0.7574462	0.6630448	0.658192	0.5895892	-1.9782495
6525000000	1.93731547	-1.466076572	-0.095857144	-1.649557534	-0.468064518	-1.877116184	0.9781699	0.6839813	0.8978288	0.6490653	-0.9568414
6525000000	1.93731547	-1.413716694	0.747221608	-1.562116757	-0.50645777	-1.51264035	1.1877421	0.6978922	1.1325688	0.7058883	-0.3103967
6525000000	1.93731547	-1.361356817	1.198520117	-1.711508402	0.555975427	-1.746219962	1.3178076	0.6742938	1.1365735	0.6689259	-0.2255068
6525000000	1.93731547	-1.308996399	1.376459623	-1.966135981	-0.086132329	-2.731263012	1.3729223	0.6358965	0.9803627	0.5331798	-0.552261
6525000000	1.93731547	-1.256637061	1.541994182	-2.000175572	-0.333392364	-4.140280553	1.4262624	0.6309318	0.9261061	0.3854538	-0.7459072
6525000000	1.93731547	-1.204277184	1.861201628	-1.661693975	0.339215416	-5.203792595	1.5350416	0.6820726	1.0812386	0.3017316	-0.4547743
6525000000	1.93731547	-1.151917306	2.145909514	-1.180725358	1.098699736	-5.291289069	1.6390453	0.7619517	1.2878639	0.2957135	-0.1676805
6525000000	1.93731547	-1.099557429	2.105897205	-0.897387665	1.05402973	-4.831323532	1.6240138	0.8133196	1.2746853	0.3287514	0.0404405
6525000000	1.93731547	-1.047197551	1.862862023	-0.889696157	1.90617974	-4.426054443	1.5356286	0.8147613	1.0448689	0.3609064	-0.2731531
6525000000	1.93731547	-0.994837674	1.98537174	-0.944333027	-0.606161565	-3.956493910	1.5795638	0.8045753	0.8697288	0.4021154	-0.3905579
6525000000	1.93731547	-0.942477796	2.554723209	-0.880296068	-0.416450788	-3.727793001	1.8008284	0.8165277	0.9085627	0.4706745	-0.0037003
6525000000	1.93731547	-0.890117919	2.838404818	-0.83052947	0.297711767	-2.791820509	1.9223855	0.8259372	1.0709549	0.5257968	0.3593723
6525000000	1.93731547	-0.837758041	2.277443503	-1.06866523	3.052674735	-3.052674735	1.6894461	0.7818681	1.1242651	0.4951461	-0.0974024
6525000000	1.93731547	-0.785398163	0.972240458	-1.714781765	-0.02805503	-4.193997831	1.2509042	0.7637858	0.9935609	0.3807152	-0.8368215
6525000000	1.93731547	-0.733038286	-0.027635467	-2.620620112	-0.77283151	-5.305476585	0.9936569	0.5469379	0.8369831	0.294749	-1.7517024
6525000000	1.93731547	-0.680678408	0.301453665	-3.377881021	-1.190058269	-4.96606237	1.071878	0.4594221	0.7603161	0.3187086	-1.8536544
6525000000	1.93731547	-0.628318531	1.025215092	-3.607880335	-1.535184147	-4.237393344	1.266256	0.4357245	0.7022336	0.37693	-1.5786552
6525000000	1.93731547	-0.575958653	1.094199296	-3.470110255	-2.465536988	-4.527758257	1.28653	0.4497684	0.5668215	0.3525528	-1.7459072
6525000000	1.93731547	-0.523598776	0.310322451	-3.494087804	-4.104295271	-5.954217525	1.0740692	0.4472921	0.3886605	0.2538506	-2.6682834
6525000000	1.93731547	-0.471238898	-1.08607564	-3.945764102	-5.396378758	-7.795723571	0.7787399	0.49031	0.2886437	0.1661222	-3.881324
6525000000	1.93731547	-0.41887902	-2.598661742	-4.550047868	-5.052577182	-9.161914443	0.5497102	0.350748	0.3142225	0.1212854	-4.7685008
6525000000	1.93731547	-0.366519143	-3.754216797	-4.828520624	-3.909409055	-10.51930951	0.4212873	0.3289637	0.4064986	0.0887297	-5.0672349
6525000000	1.93731547	-0.314159265	-4.415816079	-4.875100635	-3.557068496	-13.44725031	0.3617582	0.3254542	0.4408523	0.0452142	-5.3265869
6525000000	1.93731547	-0.261799388	-4.589560377	-5.099914826	-4.73177909	-18.55474083	0.3475713	0.3090356	0.3363737	0.0139484	-5.9906108
6525000000	1.93731547	-0.20949351	-4.511675429	-5.580036617	-7.523282706	-15.42856218	0.3538608	0.2766918	1.7687771	0.0286135	-6.7981161
6525000000	1.93731547	-0.157079633	-4.784197347	-6.156872049	-11.60348774	-11.27088251	0.3323382	0.2422773	0.0691276	0.0746297	-7.4571011
6525000000	1.93731547	-0.104719755	-5.914199528	-6.662014333	-16.35287545	-9.532966889	0.2562005	0.2156744	0.0231856	0.113534	-8.193109
6525000000	1.93731547	-0.052359878	-7.97228175	-6.950483827	-19.29197867	-8.696565969	0.1595041	0.2018142	0.0117707	0.1349069	-6.9619987
6525000000	1.93731547	-4.44E-16	-10.05033005	-6.832429185	-17.53426532	-8.01796776	0.0988478	0.2073753	0.017643	0.157835	-9.1928232
6525000000	1.93731547	0.052359878	10.72477861	-6.118161255	-16.60234365	-7.555823257	0.0846296	0.2444465	0.0218658	0.1755568	-8.8066267
6525000000	1.93731547	0.104719755	-11.29917445	-5.073131214	-17.85167855	-7.017826661	0.0741451	0.3109474	0.0163996	0.1987089	-8.2376332
6525000000	1.93731547	0.157079633	0.157079633	-4.256426818	-16.424474714	-6.113569356	0.0420048	0.3752816	0.0227799	0.2447051	-7.665143
6525000000	1.93731547	0.20943951	-16.82538291	-3.925733519	-10.98481795	-5.96570504	0.0207712	0.4049735	0.0794618	0.3604382	-6.9629401
6525000000	1.93731547	0.261799388	-13.73741128	-3.983290687	-7.132006994	-4.140588887	0.0422921	0.3996418	0.1935527	0.3854621	-5.9307138
6525000000	1.93731547	0.314159265	-10.93634299	-4.096540594	-9.424091958	-3.266997678	0.0806057	0.3893552	0.3218035	0.471303	-5.0630646
6525000000	1.93731547	0.366519143	-10.20128869	-3.804073659	-7.70788527	-3.096056565	0.0954709	0.4164785	0.4258057	0.4902237	-4.743382
6525000000	1.93731547	0.41887902	-10.12080793	-2.946893132	-3.001421513	-3.707860853	0.0972566	0.5073535	0.5010232	0.4258081	-4.1695959
6525000000	1.93731547	0.471238898	-0.938881259	-1.899812555	-2.734871875	-3.486181827	0.1247705	0.6456821	0.5787791	0.4481071	-3.4743006
6525000000	1.93731547	0.523598776	-7.447288244	-1.0614323	-1.704143531	-1.469371054	0.1799994	0.7831713	0.6754382	0.7129563	-2.3070295
6525000000	1.93731547	0.575958653	-6.524797698	-0.579128541	-1.373024769	-0.276582139	0.2225975	0.8751594	0.7289496	1.065757	-1.407921
6525000000	1.93731547	0.628318531	-6.509003879	-0.448093229	-1.431985286	0.775693899	0.2234085	0.9019671	0.7191202	1.1955546	-1.1917923
6525000000	1.93731547	0.680678408	-7.065962819	-0.593367312	-1.228284245	0.416519375	0.1965186	0.8722948	0.7536532	1.1006568	-1.3621283
6525000000	1.93731547	0.733038286	-7.441220615	-0.843465061	-0.289606068	0.594220186	0.1802511	0.8234808	0.9354905	1.1466266	-1.1268531
6525000000	1.93731547	0.785398163	-6.929004349	-0.913830519	-0.789249496	1.947259898	0.0208148	0.8102461	1.199292	1.5957629	-2.0784743
6525000000	1.93731547	0.837758041	-5.704586924	-0.653877997	1.218058053	3.214000232	0.2688694	0.8602253	1.3237495	2.0960422	0.5584509
6525000000	1.93731547	0.890117919	-4.281918112	-0.229015233	0.986855764	3.61246434	0.3730853	0.9486335	1.2213962	2.2974319	0.8283445
6525000000	1.93731547	0.942477796	-2.925232196	0.260022046	0.325834508	3.291971905	0.5098903	1.0617009	1.0779124	2.1340136	0.7768736
6525000000	1.93731547	0.994837674	-1.846867237	0.978681593	0.415152378	2.981959395	0.6536019	1.2527608	1.1003105	1.9899911	0.9635929
6525000000	1.93731547	1.047197551	-1.315505715	1.905558184	1.11702024	3.127649222	0.7386682	1.5508001	1.2933082	2.0547781	1.4903077
6525000000	1.93731547	1.099557429	-1.49318957	2.64363181	1.624777681						

6525000000	1.989675347	-2.827433388	-9.983669676	-9.766763409	-12.33364858	-9.370276113	0.1003767	0.1055173	0.0584299	0.1156039	-10.223589
6525000000	1.989675347	-2.775073511	-9.244275149	-9.433013853	-13.3058517	-9.443843506	0.119007	0.1139459	0.0467105	0.1136621	-10.073079
6525000000	1.989675347	-2.722713633	-8.245206445	-9.598064008	-13.17195906	-8.806584439	0.1497888	0.1096967	0.048173	0.131626	-9.5931409
6525000000	1.989675347	-2.670353756	-6.873129917	-10.88636366	-12.29165866	-9.736055336	0.2054409	0.0815387	0.0589976	0.1608401	-8.9720853
6525000000	1.989675347	-2.617993878	-6.083509615	-12.59823319	-13.33515764	-6.632410165	0.2464047	0.0549764	0.0463964	0.2171496	-8.5006754
6525000000	1.989675347	-2.565634	-6.081486117	-11.97247297	-14.8612286	-5.649685907	0.2465196	0.0634969	0.0326495	0.2722898	-8.1321605
6525000000	1.989675347	-2.513274123	-6.32240998	-9.598031712	-14.680561707	-5.486687025	0.2332164	0.0980975	0.0340369	0.2827036	-7.8273475
6525000000	1.989675347	-2.460914245	-6.500372729	-8.176793051	-15.00382823	-5.410428607	0.2238529	0.1521671	0.0315949	0.2877114	-7.5987131
6525000000	1.989675347	-2.408554368	-6.968548879	-8.277845385	-14.60767504	-4.843737091	0.2009764	0.1486673	0.0346125	0.3278131	-7.4953774
6525000000	1.989675347	-2.35619449	-8.114411761	-9.319837815	-12.73105982	-4.446753233	0.1543685	0.1169543	0.0533205	0.3591904	-7.6710949
6525000000	1.989675347	-2.303834613	-10.5344163	-9.499833885	-11.52114399	-4.70002253	0.0884216	0.1122061	0.0704507	0.3388424	-8.1678649
6525000000	1.989675347	-2.251474735	-14.77186238	-8.163977031	-10.93111658	-5.318809455	0.0332328	0.1526168	0.0807028	0.2938455	-8.534985
6525000000	1.989675347	-2.199114858	-17.8451322	-6.774923805	-10.18166899	-5.590233196	0.0164243	0.2101395	0.0959032	0.276043	-8.2498864
6525000000	1.989675347	-2.14675498	-16.29276185	-5.773260216	-9.433748127	-5.429887334	0.0234814	0.2646513	0.1139254	0.2864252	-7.6416662
6525000000	1.989675347	-2.094395102	-13.81795366	-4.847107635	-9.098919799	-5.470006329	0.041515	0.3275588	0.1230575	0.2837915	-7.1224153
6525000000	1.989675347	-2.042035225	-12.01742019	-3.938363299	-9.094765222	-5.814968843	0.0628432	0.4037975	0.1231753	0.2621218	-6.7165213
6525000000	1.989675347	-1.989675347	-10.78768056	-3.349431654	-8.966154263	-6.058478425	0.0834127	0.4624415	0.1268775	0.2427829	-6.3800756
6525000000	1.989675347	-1.93731547	-9.281169178	-3.250265411	-8.381878162	-6.131372189	0.1180003	0.4731223	0.1451484	0.2437041	-6.1084496
6525000000	1.989675347	-1.884955592	-7.4168831	-3.400998762	-7.520681843	-6.05110872	0.1812641	0.4569831	0.1769831	0.2482499	-5.7533059
6525000000	1.989675347	-1.832595715	-5.64674773	-3.23252538	-6.396088852	-5.322445543	0.2724741	0.4760044	0.2292657	0.2935996	-4.9778332
6525000000	1.989675347	-1.780235837	-4.567858644	-2.433377271	-4.806797611	-3.82393361	0.3493125	0.5710344	0.3306132	0.4145784	-3.8050531
6525000000	1.989675347	-1.72787596	-4.211756816	-1.478942918	-3.119204994	-2.38283758	0.3791616	0.7113866	0.4876177	0.5777185	-2.6844352
6525000000	1.989675347	-1.675516082	-4.000567305	-0.867058797	-2.113634333	-1.715104555	0.3980552	0.8190193	0.6146623	0.6737357	-2.0317037
6525000000	1.989675347	-1.623156204	-3.417369954	-0.68555287	-2.05830152	-1.87514693	0.4552637	0.8539741	0.6225437	0.6493597	-1.9024823
6525000000	1.989675347	-1.570796327	-2.387897362	-0.71279071	-2.281071561	-2.281071561	0.5770458	0.848635	0.5836939	0.5914157	-1.8695464
6525000000	1.989675347	-1.518436449	-1.06073777	-0.693851322	-1.837271159	-2.140380851	0.7832966	0.8523439	0.6550476	0.6108885	-1.3942595
6525000000	1.989675347	-1.466076572	0.331265793	-0.586048481	-1.397617363	-1.397617363	1.0792612	0.873766	0.8887818	0.728335	-0.498004
6525000000	1.989675347	-1.413716694	1.412973945	-0.561963326	0.484892124	-0.753050924	1.3845141	0.8786252	1.1181221	0.8408403	0.2364699
6525000000	1.989675347	-1.361356817	1.911800935	-0.763759789	0.480844767	-0.772752942	1.5530309	0.8387336	1.1170805	0.8369986	0.3601409
6525000000	1.989675347	-1.30896939	1.921936177	-1.113348121	-0.205099212	-1.480158414	1.5566595	0.773865	0.953872	1.711876	-0.0049773
6525000000	1.989675347	-1.256637061	1.85816366	-1.366094602	-0.512048525	-2.422516795	1.5339682	0.7301138	0.8879947	0.5724642	-0.3087824
6525000000	1.989675347	-1.204277134	2.058327089	-1.34758097	0.108269119	-3.037076898	1.6063224	0.7332328	1.0252432	0.4969267	-0.1527863
6525000000	1.989675347	-1.151917306	2.321315298	-1.149134354	0.847588714	-3.247849038	1.7065992	0.7675145	1.2155109	0.4733857	-0.1734749
6525000000	1.989675347	-1.099557429	2.237443291	-1.009149064	0.791108405	-3.541684123	1.6739571	0.7926566	1.1998055	0.4424168	0.1165882
6525000000	1.989675347	-1.047197551	1.867875591	-1.023002401	-0.0886672	-4.121202315	1.5374026	0.7901322	0.9797456	0.3871505	-0.30512205
6525000000	1.989675347	-0.994837674	1.815948342	-1.087091136	-0.0886601472	-4.328520761	1.5191296	0.7855578	0.8154435	0.3691035	-0.6420241
6525000000	1.989675347	-0.942477796	2.249809736	-1.109923154	-0.641611142	-3.663540109	1.6787305	0.7744755	0.8626585	0.4301758	-0.2848755
6525000000	1.989675347	-0.890117919	2.463251721	-1.166714313	-0.164408324	-2.884862215	1.7632958	0.7644139	1.3585821	0.5146521	-0.0870064
6525000000	1.989675347	-0.837758041	1.907873669	-1.398400289	0.459036829	-2.851612281	1.5512671	0.7247029	1.114852	0.5186075	-0.1028076
6525000000	1.989675347	-0.785398163	0.76514788	-1.85583318	-0.036239411	-3.7965081	1.1926549	0.6522539	0.9916903	0.4171622	-0.8967431
6525000000	1.989675347	-0.733038286	0.101997295	-2.441222985	-0.79420328	-4.953278617	1.0237637	0.5700037	0.8328747	0.3196481	-1.6331356
6525000000	1.989675347	-0.680678408	0.574022278	-2.925135762	-1.231678357	-4.819569413	1.1413063	0.5099017	0.7530664	0.3266424	-1.6527502
6525000000	1.989675347	-0.628318531	1.176241914	-3.108998374	-1.570388363	-4.083321952	1.3110649	0.4887651	0.6965642	0.3905421	-1.416228
6525000000	1.989675347	-0.575958653	1.047943983	-3.10088541	-2.493964788	-4.272028913	1.2729003	0.4896673	0.5631583	0.3739359	-1.7075062
6525000000	1.989675347	-0.523598776	0.038121748	-3.255781031	-4.157035644	-5.713141743	1.0088165	0.4725219	0.3839692	0.2683403	-2.7293725
6525000000	1.989675347	-0.471238898	-1.578277014	-3.75104962	-5.490696267	-7.795369299	0.6953001	0.4215946	0.2824429	0.1661357	-4.074143
6525000000	1.989675347	-0.41887902	-3.130214985	-4.312726981	-5.121121073	-9.313751377	0.4863831	0.370448	0.3075303	0.1171183	-4.9434823
6525000000	1.989675347	-0.366519143	-3.981839915	-4.562814147	-3.902093822	-10.4141104	0.3997753	0.3497185	0.4071839	0.0909052	-5.0599054
6525000000	1.989675347	-0.314519265	-4.246517103	-4.683526365	-12.85033922	-12.85033922	0.3761389	0.3401319	0.4503128	0.051876	-5.1624885
6525000000	1.989675347	-0.261799388	-4.284631388	-5.03086069	-4.577351595	-17.65446031	0.3728523	0.3139886	0.3485498	0.017614	-5.7981634
6525000000	1.989675347	-0.20943951	-4.343177669	-5.588831913	-7.389431181	-15.70147076	0.3678597	0.276132	0.1824142	0.0269602	-5.7096203
6525000000	1.989675347	-0.157079633	-4.802102327	-6.174256725	-11.65380883	-11.37754328	0.3309709	0.2413049	0.0683312	0.0728192	-4.7870821
6525000000	1.989675347	-0.104719755	-6.029855143	-6.662567759	-16.66423006	-9.541749802	0.2494678	0.2156469	0.0215564	0.111284	-8.255044
6525000000	1.989675347	-0.052359878	-8.067136292	-6.939628239	-19.29937527	-8.703054235	0.1560581	0.2023192	0.0117507	0.1348015	-9.9882927
6525000000	1.989675347	-4.44-1.6	-10.05032967	-6.832429	-17.53426557	-0.0988478	0.0988478	0.2073753	0.017643	0.1578349	-9.1928233
6525000000	1.989675347	0.052359878	-10.65946648	-6.160484818	-16.84967276	-7.559550202	0.0859119	0.2420759	0.0206554	0.1754062	-8.826878
6525000000	1.989675347	0.104719755	-11.12701322	-5.141500981	-18.21692651	-7.013204561	0.0771434	0.3609005	0.0150767	0.1989205	-8.2591754
6525000000	1.989675347	0.157079633	-13.3437438	-4.271795082	-16.42279824	-6.075428148	0.0463048	0.373956	0.0227887	0.2468637	-7.6326557
6525000000	1.989675347	0.20943951	-16.45206707	-3.784039694	-10.90422724	-5.094913764	0.0226357	0.4184042	0.0812041	0.3093917	-6.8211692
6525000000	1.989675347	0.261799388	-13.94006643	-3.657039497	-7.106708774	-4.115287046	0.0403639	0.4308202	0.1946835	0.3876781	-5.794066
6525000000	1.989675347	0.314519265	-10.90594382	-3.789416255	-4.960251597	-3.246242822	0.0811719	0.4178865	0.3191353	0.4756068	-4.9088001
6525000000	1.989675347	0.366519143	-9.762909819	-3.910524361	-5.3185503971	-3.053401004	0.105611	0.4063943	0.4153838	0.4950624	-4.4902255
6525000000	1.989675347	0.41887902	-9.439648042	-3.612899785	-3.25445182	-3.591944869	0.1137719	0.4352212	0.4726704	0.4373262	-4.3800775
6525000000	1.989675347	0.471238898	-6.882600114	-2.869304001	-2.852515964	-3.420928356	0.1354378	0.5164991	0.5184968	0.4548908	-3.9111989
6525000000	1.989675347	0.523598776	-7.502658132	-2.058128703	-2.329844427	-1.665418473	0.1777191	0.6225685	0.5848111	0.6814879	-2.8680639
6525000000	1.989675347	0.575958653	-6.650863747	-1.421646665	-1.958403565	-0.00887667	0.2162288	0.7208341	0.6370296	0.9979582	-1.9178046
6525000000	1.989675347	0.628318531	-6.404043602	-0.943645514	-1.837948575	0.672936959	0.2288736	0.8047027	0.6549455	1.167599	-1.4628344
6525000000	1.989675347	0.6806									

6525000000	1.989675347	3.089232776	-19.42791593	-21.5679955	-21.03714254	-19.59022171	0.011408	0.0069695	0.0078756	0.0109895	-20.310201
6525000000	1.989675347	3.141592654	-17.03598019	-21.74376242	-21.05199178	-19.75045099	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.042035225	-2.141592654	-17.03597998	-21.74376238	-21.05199182	-19.75045077	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.042035225	-3.089232776	-16.2428562	-16.571581	-22.66798694	-16.1364783	0.0237528	0.0220212	0.0054101	0.0234318	-17.239644
6525000000	2.042035225	-3.036872899	-15.95688604	-12.98471155	-19.83795655	-12.58799907	0.0253695	0.0502955	0.0103802	0.0551062	-14.523792
6525000000	2.042035225	-2.984513021	-14.18798926	-11.08641881	-15.98852272	-9.689007792	0.0381242	0.09778678	0.0251853	0.1074235	-12.065573
6525000000	2.042035225	-2.932153143	-12.55560273	-10.3969279	-13.882629	-8.301146902	0.0555188	0.0112647	0.0409013	0.1478718	-10.762943
6525000000	2.042035225	-2.879793266	-10.98862039	-10.48793523	-12.32259477	-8.478526029	0.0796412	0.089373	0.0585788	0.1419539	-10.343903
6525000000	2.042035225	-2.827433388	-9.894250296	-10.48532832	-11.80244549	-9.223839652	0.1024649	0.0894267	0.0660322	0.1195857	-10.251552
6525000000	2.042035225	-2.775073511	-9.558151569	-9.813966574	-12.45400784	-9.001202267	0.1107095	0.1043766	0.0568328	0.1258577	-10.024207
6525000000	2.042035225	-2.722713633	-9.057935168	-9.358765048	-11.99774854	-8.354162033	0.1242243	0.1159107	0.0631285	0.1460777	-9.4948387
6525000000	2.042035225	-2.670353756	-8.193510791	-10.02097717	-11.26595407	-7.62061314	0.1515824	0.0995181	0.0747145	0.1729572	-9.0415767
6525000000	2.042035225	-2.617993878	-7.706992357	-11.95957098	-12.53649503	-6.225841674	0.1695512	0.0636858	0.0557636	0.2384602	-8.7986986
6525000000	2.042035225	-2.565634	-7.785028729	-13.1956314	-14.20278457	-5.188060453	0.1665318	0.0479112	0.0379946	0.3028266	-8.5756041
6525000000	2.042035225	-2.513274123	-8.093489377	-10.77605469	-13.86017183	-5.166328124	0.155114	0.0836362	0.0411133	0.3043457	-8.3549151
6525000000	2.042035225	-2.460914245	-8.136092447	-8.39212331	-13.78134499	-5.382022179	0.1535998	0.1448064	0.041849	0.2895995	-8.028196
6525000000	2.042035225	-2.408554368	-7.800624373	-7.650629603	-13.09175926	-5.047442884	0.1659348	0.1717659	0.0490709	0.3127921	-7.5723271
6525000000	2.042035225	-2.35619449	-7.826635474	-8.084085839	-11.50673348	-4.741121479	0.164944	0.1554502	0.0706849	0.3356509	-7.4068687
6525000000	2.042035225	-2.303834613	-9.227670956	-8.613713516	-10.67646546	-5.032810919	0.1194629	0.1376032	0.0855763	0.318477	-7.8483184
6525000000	2.042035225	-2.251474735	-12.31927673	-8.426566279	-10.38268146	-5.72592901	0.0586236	0.1436625	0.0915655	0.2635783	-8.5278536
6525000000	2.042035225	-2.199114858	-15.25257101	-7.724124027	-9.845589395	-6.149080889	0.0298362	0.1688836	0.1036194	0.2427124	-8.656224
6525000000	2.042035225	-2.14675498	-14.76823298	-6.761475526	-9.33867124	-6.201958249	0.0333562	0.2107912	0.1164482	0.2397752	-8.2364045
6525000000	2.042035225	-2.094395102	-12.72853755	-5.528946191	-9.246916051	-6.557746179	0.0533515	0.2799661	0.1189346	0.2209151	-7.7393701
6525000000	2.042035225	-2.042035225	-11.5969316	-4.313646702	-9.297206109	-7.149578282	0.069232	0.303696	0.1175654	0.1927712	-7.2703454
6525000000	2.042035225	-1.989675347	-11.16648459	-3.520467055	-9.014760592	-7.040246359	0.0764454	0.4445835	0.1254654	0.1976857	-6.7562492
6525000000	2.042035225	-1.93731547	-10.22858943	-3.252262761	-8.302302078	-6.398564679	0.0948727	0.4729048	0.1478325	0.2291625	-6.2673279
6525000000	2.042035225	-1.884955592	-8.624968354	-3.30166092	-7.418908352	-5.903447688	0.1372471	0.4675563	0.1811795	0.2568356	-5.8385125
6525000000	2.042035225	-1.832595715	-6.797257999	-3.264367014	-6.305837432	-5.256866257	0.2090616	0.4715886	0.234108	0.2980666	-5.1826192
6525000000	2.042035225	-1.780235837	-5.104166034	-2.801492347	-4.720004415	-4.070980541	0.3087332	0.5246272	0.337287	0.3916534	-4.0829533
6525000000	2.042035225	-1.72787596	-3.446166454	-2.047278676	-3.037004486	-2.85392714	0.452255	0.6241258	0.496935	0.5183311	-2.8157163
6525000000	2.042035225	-1.675516082	-1.989005787	-1.404858127	-2.314909061	-2.314909061	0.6325566	0.723626	0.6242737	0.5845894	-1.9296458
6525000000	2.042035225	-1.623156204	-1.080609713	-1.048271285	-2.016017034	-2.613433192	0.7797206	0.7855483	0.6286346	0.5478437	-1.6403258
6525000000	2.042035225	-1.570796327	-0.537104294	-0.881008775	-2.324974239	-3.026381422	0.8836689	0.8163927	0.5985472	0.5854562	-1.5744056
6525000000	2.042035225	-1.518436449	0.179313131	-0.743138203	-1.834701115	-2.656394726	1.0421526	0.8427256	0.6554354	0.542451	-1.1311963
6525000000	2.042035225	-1.466076572	1.239990473	-0.590233011	-0.500125105	-1.564500258	1.3304515	0.8729245	0.8912253	0.6975093	-0.23179
6525000000	2.042035225	-1.413716694	2.153576746	-0.52065398	0.502955085	-0.629217492	1.6419415	0.8870224	1.122782	0.8651238	0.5277193
6525000000	2.042035225	-1.361356817	2.427373771	-0.637086643	0.490611382	-0.404042217	1.7487744	0.8635576	1.1195955	0.907728	0.6442575
6525000000	2.042035225	-1.308996939	2.092025704	-0.912790763	-0.223970763	-0.837198954	1.6188349	0.8104401	0.9497361	0.8246698	0.2156976
6525000000	2.042035225	-1.256637061	1.699369399	-1.201334571	-0.579488252	-1.308133168	1.4789836	0.7583445	0.8750869	0.7399923	-0.1634572
6525000000	2.042035225	-1.204277181	1.76273545	-1.350916464	0.000841056	-1.369657691	1.5006297	0.7326699	1.0001958	0.729515	-0.0403478
6525000000	2.042035225	-1.151917306	2.026473398	-1.336780604	0.670426302	-1.26336279	1.5945838	0.7350586	1.1769083	0.7475904	0.2675189
6525000000	2.042035225	-1.099557429	1.974258721	-1.273799152	0.021477104	-1.644203993	1.5755271	0.7457961	1.1538456	0.684825	0.1703269
6525000000	2.042035225	-1.047197551	1.663278068	-1.26495804	-0.294044023	-2.742378094	1.4666545	0.7437162	0.9345351	0.531817	-0.3617409
6525000000	2.042035225	-0.994837674	1.679064873	-1.311693061	-1.15339831	-3.776591582	1.4719955	0.779317	0.7734996	0.4191224	-0.7007879
6525000000	2.042035225	-0.942477799	2.117563935	-1.375465878	-0.84852031	-3.597972324	1.6283824	0.7285402	0.8225263	0.4367197	-0.4381133
6525000000	2.042035225	-0.890117916	2.313682776	-1.445786712	0.014710793	-2.817962423	1.7036025	0.7163885	1.003393	0.5226413	-0.0585059
6525000000	2.042035225	-0.837758041	1.830454506	-1.544519927	0.363130686	-2.633993217	1.5242123	0.7007256	1.0872091	0.5452563	-0.1576495
6525000000	2.042035225	-0.785398163	0.926111258	-1.712989145	-0.110395568	-3.390161806	1.2376878	0.6740639	0.9749008	0.4581248	-0.7769227
6525000000	2.042035225	-0.733038286	0.499863352	-1.980559065	-0.88116937	-4.467783891	1.1219832	0.6337881	0.8163625	0.3754552	-1.352533
6525000000	2.042035225	-0.680678408	0.884765546	-2.30224527	-1.317321676	-4.534737516	1.2259607	0.5885393	0.7383594	0.3519867	-1.3893685
6525000000	2.042035225	-0.628318531	1.224359008	-2.574336988	-1.618302036	-3.892624472	1.3256714	0.5527978	0.6889216	0.4080727	-1.2850536
6525000000	2.042035225	-0.575958653	0.823852802	-2.794939506	-2.50057811	-3.994497196	1.2088858	0.5254193	0.5622665	0.3986119	-1.7147165
6525000000	2.042035225	-0.523598776	-0.449609628	-3.12897546	-4.150258882	-5.381181907	0.9016522	0.486522	0.3845689	0.2896555	-2.867684
6525000000	2.042035225	-0.471238898	-2.250469504	-3.658563572	-5.50020633	-7.646021621	0.5955978	0.430669	0.2818251	0.1719483	-4.3178648
6525000000	2.042035225	-0.41887902	-3.678234745	-4.135947669	-5.12623057	-9.413611647	0.4287227	0.3858382	0.3071687	0.1144561	-5.0997622
6525000000	2.042035225	-0.366519143	-4.09725347	-4.333837865	-3.864928976	-12.10304616	0.3892913	0.3686517	0.4106834	0.0930455	-5.011136
6525000000	2.042035225	-0.314159265	-4.033605303	-4.526174477	-3.366890023	-12.19014066	0.3950385	0.3526814	0.4605863	0.0603929	-4.9870135
6525000000	2.042035225	-0.261799388	-4.026694954	-4.993682075	-4.434564499	-16.24859788	0.3956766	0.3166881	0.3601999	0.0237214	-5.6213968
6525000000	2.042035225	-0.20943951	-4.23516705	-5.61829752	-7.272386499	-15.58297338	0.3773535	0.2742649	0.1873964	0.0276505	-6.6420859
6525000000	2.042035225	-0.157079633	-4.859359377	-6.197102639	-11.71083838	-11.42936455	0.326636	0.2400434	0.0674398	0.0719554	-7.532094
6525000000	2.042035225	-0.104719755	-6.167461936	-6.659738584	-16.9724162	-9.540797024	0.2416873	0.2157874	0.0200798	0.1111528	-8.3216061
6525000000	2.042035225	-0.052359878	-6.169580235	-6.92587014	-19.27580863	-8.703952407	0.15242	0.2029612	0.0118146	0.017736	-9.0138277
6525000000	2.042035225	-4.44E-16	-10.05032972	-6.832429087	-17.53426558	-8.017968041	0.0988478	0.2073753	0.017643	0.157835	-9.1928233
6525000000	2.042035225	0.052359878	-10.58928177	-6.203789544	-17.10294617	-7.565327337	0.0873116	0.2396741	0.0194852	0.175173	-8.8468585
6525000000	2.042035225	0.104719755	-10.92699519	-5.224013094	-18.59037551	-7.014874204	0.0807794	0.30033	0.0138345	0.198844	-8.2842867
6525000000	2.042035225	0.157079633	-12.79522588	-4.338258728	-16.43637404	-6.0494	0.0525385	0.3682766	0.0227157	0.2483476	-7.6203021
6525000000	2.042035225	0.20943951	-15.57514285	-3.747132586	-10.85706602	-5.079285348	0.0277004	0.421975	0.0820906	0.310507	-6.7660709
6525000000	2.042035225	0.261799388	-13.834964								

6525000000	2.042035225	2.670353756	-14.05578882	-10.19431166	-14.85297654	-7.910686164	0.0393026	0.0956244	0.0327116	0.1617824	-10.843086
6525000000	2.042035225	2.722713633	-10.43817582	-10.15860331	-16.33982284	-8.215505982	0.0904029	0.0964139	0.0232283	0.1508167	-10.447191
6525000000	2.042035225	2.770573511	-8.628365121	-10.75703021	-15.01732249	-10.75704402	0.1371398	0.0840034	0.0314969	0.0840032	-10.748901
6525000000	2.042035225	2.827433388	-8.750781056	-10.62719554	-13.97446502	-16.73128235	0.1333282	0.0865527	0.0400455	0.0212218	-11.531249
6525000000	2.042035225	2.879793266	-10.27598617	-10.25202634	-13.8187603	-18.75233483	0.0938429	0.094362	0.0415073	0.013328	-10.633818
6525000000	2.042035225	2.932153143	-11.80585874	-11.35858312	-14.50654643	-14.51919575	0.0659803	0.0731378	0.0354353	0.0353429	-12.800928
6525000000	2.042035225	2.984513021	-13.16818156	-14.32790833	-16.34042842	-13.58561115	0.048215	0.0369155	0.0232251	0.0437964	-14.198723
6525000000	2.042035225	3.036872899	-16.51376841	-18.16329945	-19.4453491	-15.29628383	0.0223163	0.0152641	0.0113623	0.0295374	-17.073008
6525000000	2.042035225	3.089232776	-19.73376744	-21.81758226	-21.05857544	-19.27573278	0.1016322	0.0065802	0.0078369	0.0118148	-20.354561
6525000000	2.042035225	3.141592654	-17.03597998	-21.74376238	-21.05199182	-19.75045077	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.094395102	-3.141592654	-17.03598013	-21.74376222	-21.05199176	-19.75045057	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.094395102	-3.089232776	-16.05322391	-16.98461703	-22.59254536	-16.05472325	0.0248129	0.0200234	0.0055048	0.0248043	-17.261569
6525000000	2.094395102	-3.036872899	-15.5691245	-13.5769355	-19.54224924	-12.47525393	0.0277388	0.043884	0.0111116	0.0565555	-14.581405
6525000000	2.094395102	-2.984513021	-13.82488498	-11.78985881	-15.71895886	-9.557166181	0.0414488	0.0662238	0.0267981	0.1107346	-12.125302
6525000000	2.094395102	-2.932153143	-12.14210158	-11.12173369	-13.61611867	-8.151132916	0.0610646	0.0772372	0.0434899	0.1530688	-10.77196
6525000000	2.094395102	-2.879793266	-10.5638006	-11.17448169	-12.00217421	-8.347425869	0.0878254	0.0763048	0.0630642	0.1463044	-10.297709
6525000000	2.094395102	-2.827433388	-9.590844044	-11.10977234	-11.37364395	-8.984555504	0.1098792	0.0774502	0.0728846	0.126341	-10.148486
6525000000	2.094395102	-2.775073511	-9.338777315	-10.1073076	-11.6497566	-8.457888362	0.1164454	0.0975594	0.0663351	0.1426301	-9.7575047
6525000000	2.094395102	-2.722713633	-9.053106721	-9.00585241	-11.21623939	-7.766129464	0.1243625	0.125723	0.0755746	0.1672581	-9.0928517
6525000000	2.094395102	-2.670353756	-8.833882367	-8.8603223	-10.66617699	-7.203330851	0.1308012	0.1300073	0.0857793	0.1904	-8.720956
6525000000	2.094395102	-2.617993878	-9.051594576	-10.09921512	-12.15110179	-5.948559857	0.1244058	0.0977414	0.0609382	0.2541815	-8.7186988
6525000000	2.094395102	-2.565634	-9.342566672	-12.2575888	-13.8859179	-5.047415333	0.1163438	0.0594622	0.0408781	0.312794	-8.7821191
6525000000	2.094395102	-2.513274123	-9.39920856	-11.8119276	-13.26631118	-5.243466279	0.1148363	0.0658881	0.0471378	0.2989877	-8.7806378
6525000000	2.094395102	-2.460914245	-9.041295356	-9.276586387	-12.71787024	-5.75103916	0.1247012	0.1181249	0.0534827	0.2660088	-8.5207837
6525000000	2.094395102	-2.408554368	-8.271569641	-7.863425427	-11.6497566	-6.58643008	0.1488823	0.1635526	0.0683949	0.2717386	-7.874405
6525000000	2.094395102	-2.35619449	-7.909503674	-7.495682345	-10.20345235	-5.94746013	0.1618265	0.1780048	0.0954234	0.2821795	-7.4627794
6525000000	2.094395102	-2.303839613	-7.840275501	-7.441297906	-9.60712329	-5.901781331	0.1336511	0.1802479	0.1094681	0.2569379	-7.6935632
6525000000	2.094395102	-2.251474735	-10.364016	-7.394118293	-9.503243062	-6.797814423	0.0919599	0.1822167	0.1121181	0.2090438	-7.823062
6525000000	2.094395102	-2.199114858	-11.13696093	-7.391858048	-9.217268072	-7.584718317	0.0769669	0.1823116	0.1197494	0.1743926	-8.5900479
6525000000	2.094395102	-2.14675498	-10.84953854	-7.178033314	-9.084497631	-8.014758166	0.082233	0.1915123	0.1234668	0.1579517	-8.5763884
6525000000	2.094395102	-2.094395102	-10.4570239	-6.25401878	-9.335124957	-8.53042223	0.0900114	0.236918	0.1165344	0.1402677	-8.6938018
6525000000	2.094395102	-2.042035225	-10.45438806	-4.909165554	-9.490430959	-8.466455775	0.0900661	0.3229114	0.1145663	0.142349	-7.7605467
6525000000	2.094395102	-1.989675347	-9.974338955	-3.826259145	-8.906013416	-6.984980942	0.1005926	0.4143564	0.1286467	0.2002174	-6.7581368
6525000000	2.094395102	-1.93731547	-8.469454157	-3.195861519	-8.085102606	-5.592577277	0.1422508	0.4790864	0.1554139	0.275894	-5.7977805
6525000000	2.094395102	-1.884955592	-7.217934686	-2.87240747	-7.224227964	-5.06953417	0.1897608	0.5161302	0.189486	0.311205	-5.2050314
6525000000	2.094395102	-1.832955715	-6.265900972	-2.615683986	-6.14908001	-4.846500763	0.2362707	0.5475599	0.2427124	0.3276045	-4.70394
6525000000	2.094395102	-1.780235837	-4.779956947	-2.22820566	-4.5885432	-4.172726231	0.3326629	0.5986589	0.3476528	0.3825845	-3.8154427
6525000000	2.094395102	-1.727875196	-2.700491249	-1.730767423	-2.942411451	-3.245201417	0.5369711	0.6713102	0.5078774	0.4736743	-2.61649
6525000000	2.094395102	-1.675516082	-0.973023065	-1.28757209	-2.003713748	-2.832328975	0.7992777	0.7449763	0.630418	0.5209261	-1.7140484
6525000000	2.094395102	-1.623156204	-0.17706015	-0.94118912	-2.030724531	-3.148714206	0.9600503	0.805158	0.6265093	0.4843157	-1.4236608
6525000000	2.094395102	-1.570796327	-0.048644952	-0.689358264	-2.376551449	-3.513086706	0.9888616	0.8532262	0.578142	0.4453396	-1.4484907
6525000000	2.094395102	-1.518436449	0.196074515	-0.486400219	-1.870375355	-2.985628739	1.0461825	0.8940462	0.6500735	0.5028485	-1.1656891
6525000000	2.094395102	-1.466076572	0.931888446	-0.336091906	-0.487183879	-1.686143096	1.2393354	0.9253507	0.8938849	0.6782436	-0.2953753
6525000000	2.094395102	-1.413716694	1.618077567	-0.271555451	-0.541804394	-0.564039794	1.451469	0.9393868	1.1328709	0.8782052	-0.4515833
6525000000	2.094395102	-1.361356817	1.684908557	-0.312131782	-0.53128665	-0.186600507	1.4739775	0.9306509	1.1301307	0.9579436	-0.5044769
6525000000	2.094395102	-1.308996939	1.184884675	-0.436386664	-0.197915375	-0.380983242	1.3136766	0.9046104	0.9554151	0.9160131	-0.0961473
6525000000	2.094395102	-1.256637061	0.817489767	-0.591472016	-0.578453265	-0.512650652	1.2071159	0.8726755	0.8752955	0.8886586	-0.1730537
6525000000	2.094395102	-1.204277184	1.107357293	-0.712816043	-0.032795633	-0.184029948	1.2904338	0.84863	0.992477	0.9585108	-0.0966879
6525000000	2.094395102	-1.151917306	1.59893595	-0.764235715	-0.634321316	-0.199736179	1.4450857	0.8386417	1.1572632	1.0470649	-0.4998822
6525000000	2.094395102	-1.099557429	1.780756294	-0.784894597	-0.507856656	-0.084842058	1.5068695	0.8346618	1.1240501	0.980654	-0.4593245
6525000000	2.094395102	-1.047197551	1.775574008	-0.859127845	-0.450997207	-1.309229501	1.5050724	0.8205163	0.9013641	0.7397365	-0.363218
6525000000	2.094395102	-0.994837674	2.016739346	-1.032490634	-1.303289873	-2.82250129	1.5910138	0.7884078	0.7407489	0.5220954	-0.4068834
6525000000	2.094395102	-0.942477796	2.466408078	-1.262394371	-1.031373861	-3.230932933	1.7645778	0.7477571	0.7886106	0.5722331	-0.2500746
6525000000	2.094395102	-0.890117919	2.623505393	-1.43780897	-1.03805383	-2.679922912	1.8295764	0.7181565	0.9687119	0.5395202	-0.060342
6525000000	2.094395102	-0.837758041	2.215655724	-1.480974844	-0.23763446	-2.467422857	1.6655803	0.7110539	1.056242	0.5657574	-0.0005954
6525000000	2.094395102	-0.785398163	1.500948085	-1.455552772	-0.234548015	-3.044022211	1.4128459	0.7152284	0.9480805	0.4961326	-0.491136
6525000000	2.094395102	-0.733038286	1.123883558	-1.520436815	-0.1014493094	-3.975484041	1.2953537	0.7046222	0.7916819	0.4003608	-0.9799458
6525000000	2.094395102	-0.680678408	1.248976869	-1.765877479	-1.433957624	-4.235022479	1.3332073	0.665905	0.7187937	0.3771358	-1.1139348
6525000000	2.094395102	-0.628318531	1.236161492	-2.146291122	-1.679720994	-3.772489189	1.329279	0.610957	0.6792473	0.4195185	-1.1945758
6525000000	2.094395102	-0.575958653	0.510230542	-2.579938929	-2.503680382	-3.81339672	1.1246647	0.5520852	0.561865	0.4155854	-1.781263
6525000000	2.094395102	-0.523598776	-1.051796662	-3.066301381	-1.157847471	-5.092980804	0.7849109	0.493594	0.3876337	0.3095294	-0.3634604
6525000000	2.094395102	-0.471238898	-2.976938302	-3.585937649	-5.459819836	-7.428009167	0.5038557	0.4379316	0.2844579	0.1807969	-0.53757291
6525000000	2.094395102	-0.41887902	-4.109562695	-3.945060168	-5.092139664	-9.42796719	0.3881895	0.4031754	0.3059584	0.1140784	-5.1747208
6525000000	2.094395102	-0.366519143	-4.074815694	-4.094543718	-3.810589735	-10.1744496	0.3913077	0.3895342	0.4158541	0.0960628	-4.905427
6525000000	2.094395102	-0.314159265	-3.811721451	-4.370503033	-3.269896031	-11.49911736	0.4157458	0.3655524	0.4709886	0.070809	-4.804687
6525000000	2.094395102	-0.261799388	-3.836672036	-4.959551017	-4.307905432	-14.74369641	0.4133641	0.3911868	0.3708595	0.0335452	-4.5631646
6525000000	2.094395102	-0.20943951	-4.189469249	-5.64436807	-7.176720085	-15.08124335	0.3811124	0.2726234	0.1915702	0.0310676	-6.5938599
6525000000	2.094395102	-0.157079633	-4.96066605								

6525000000	2.094395102	2.251474735	-10.18568149	-5.92666532	-9.853673513	-7.335864549	0.0958146	0.2554661	0.1034267	0.1846773	-7.962977
6525000000	2.094395102	2.303834613	-10.88628758	-7.107770043	-11.02218947	-9.573953781	0.0815401	0.1946359	0.079028	0.1103074	-9.3412965
6525000000	2.094395102	2.35619449	-9.001567116	-6.637395655	-13.53952746	-10.57934468	0.1258471	0.2169004	0.0442637	0.0875116	-9.2580291
6525000000	2.094395102	2.408554368	-7.079723688	-5.463417142	-15.95125514	-9.630380477	0.1958969	0.2842224	0.0250424	0.1088835	-8.1360513
6525000000	2.094395102	2.460914245	-6.606760358	-5.037673363	-14.93920615	-9.531496947	0.2184359	0.3134965	0.0320686	0.1113911	-7.7250411
6525000000	2.094395102	2.513274123	-7.96693273	-5.661526057	-11.74174451	-11.57611506	0.1597007	0.2714858	0.0669616	0.0695646	-8.4788346
6525000000	2.094395102	2.565634	-11.24799138	-7.133664487	-10.21307044	-14.77681554	0.0750241	0.1934789	0.0952123	0.0322904	-10.326633
6525000000	2.094395102	2.617993878	-14.08226586	-8.647322248	-11.04411798	-12.46651355	0.0390637	0.1365425	0.07863	0.0566694	-11.094315
6525000000	2.094395102	2.670353756	-11.80701914	-9.233430845	-13.54352934	-9.208419294	0.0659626	0.1193045	0.0442229	0.1199936	-10.586331
6525000000	2.094395102	2.722713633	-9.166906847	-9.363522364	-14.90321599	-8.623276167	0.1211461	0.1157838	0.0323354	0.1373006	-9.9292909
6525000000	2.094395102	2.775073511	-8.096594775	-9.529956579	-14.04477232	-11.19611485	0.1550031	0.1114306	0.0394024	0.0759256	-10.202676
6525000000	2.094395102	2.827433388	-8.734033677	-9.375859097	-13.12222956	-18.62280078	0.1338433	0.1154554	0.0487278	0.0137316	-11.082423
6525000000	2.094395102	2.879793266	-10.76882539	-9.512488695	-12.98795695	-18.86706346	0.0837756	0.1118797	0.0502579	0.0129806	-11.889385
6525000000	2.094395102	2.932153143	-12.69425709	-11.04471694	-13.93233894	-13.76795512	0.0537742	0.0786191	0.0404358	0.0419957	-12.699755
6525000000	2.094395102	2.984513021	-14.08179208	-14.30916391	-16.15945833	-12.8529454	0.039068	0.0370752	0.0242133	0.0518448	-14.196416
6525000000	2.094395102	3.034872899	-17.32475933	-18.46011026	-19.54188041	-14.70020889	0.018515	0.1042557	0.0111125	0.0338828	-17.112701
6525000000	2.094395102	3.089232776	-20.03744482	-22.04400124	-21.08737077	-18.97868311	0.0099142	0.006246	0.0077851	0.0126512	-19.386217
6525000000	2.094395102	3.141592654	-17.03598013	-21.74376222	-21.05199176	-19.75045057	0.019788	0.006693	0.0078488	0.0105914	-19.496287
6525000000	2.14675498	-3.141592654	-17.03598025	-21.74376265	-21.05199214	-19.75045058	0.019788	0.006693	0.0078488	0.0105914	-19.496287
6525000000	2.14675498	-3.089232776	-15.86902622	-17.4287882	-22.49638108	-15.97278739	0.0258879	0.0180768	0.0056281	0.0252768	-17.275447
6525000000	2.14675498	-3.036872899	-15.20199342	-14.24519845	-19.21057905	-12.3684288	0.0301857	0.0376253	0.0119934	0.0579638	-14.62911
6525000000	2.14675498	-2.984513021	-13.47994152	-12.59424184	-15.44543768	-9.438187565	0.0448751	0.050502	0.0285401	0.1138102	-12.177917
6525000000	2.14675498	-2.932153143	-11.72925692	-11.88029505	-13.40834692	-8.004178295	0.0671544	0.064859	0.0456211	0.1583369	-10.755727
6525000000	2.14675498	-2.879793266	-10.05765474	-11.7285044	-11.77930991	-8.181495961	0.0986812	0.067166	0.0663849	0.1520024	-10.174637
6525000000	2.14675498	-2.827433388	-9.009004989	-11.53784506	-11.04900882	-8.673367508	0.1256318	0.0701803	0.0785415	0.1357261	-9.891917
6525000000	2.14675498	-2.775073511	-8.505832632	-10.38564176	-11.31604283	-7.871981323	0.1410642	0.0915031	0.0738577	0.1632307	-9.3028041
6525000000	2.14675498	-2.722713633	-7.961558829	-8.843588306	-10.80788183	-7.127465687	0.1598984	0.1305092	0.0830256	0.1937552	-8.4833268
6525000000	2.14675498	-2.670353756	-7.794782069	-8.035868381	-10.45892898	-6.795229779	0.1661582	0.1571857	0.0899719	0.2091592	-8.0793799
6525000000	2.14675498	-2.617993878	-8.22132129	-8.47468158	-12.12044885	-5.898695048	0.1506149	0.1420796	0.0613699	0.2571168	-8.1587901
6525000000	2.14675498	-2.565634	-8.515907888	-10.21122042	-13.79337695	-5.283786628	0.1407373	0.0952528	0.0417506	0.2962247	-8.4317424
6525000000	2.14675498	-2.513274123	-8.342541986	-11.65812057	-12.81553346	-5.733656049	0.146469	0.0682634	0.0522934	0.2670757	-8.7443618
6525000000	2.14675498	-2.460914245	-8.062278941	-10.58043652	-11.80597762	-6.473136847	0.1562328	0.0874896	0.0659785	0.2252518	-8.7374466
6525000000	2.14675498	-2.408554368	-7.945241771	-9.016757103	-10.43300917	-6.601765493	0.1605003	0.1254077	0.0905105	0.2186872	-8.2746582
6525000000	2.14675498	-2.35619449	-8.244564399	-7.920443308	-9.093428958	-6.678213	0.149811	0.1614194	0.1232132	0.2148714	-7.896046
6525000000	2.14675498	-2.303834613	-9.138172806	-6.986643631	-8.641779537	-7.336836046	0.1219503	0.2001408	0.1367169	0.1840316	-7.9354929
6525000000	2.14675498	-2.251474735	-9.936648234	-6.270997943	-8.614909975	-5.828980575	0.1014694	0.2329936	0.1375656	0.1403463	-8.1472478
6525000000	2.14675498	-2.199114858	-9.997829488	-6.010944861	-8.515153028	-9.572695103	0.10005	0.2505564	0.1407618	0.1103394	-8.2267455
6525000000	2.14675498	-2.14675498	-10.31821684	-6.110578086	-8.67706515	-9.773039431	0.0929348	0.2448737	0.1328292	0.1033649	-8.4163554
6525000000	2.14675498	-2.094395102	-11.31161705	-5.913038536	-9.385773885	-9.081489013	0.073933	0.256269	0.1151921	0.1235524	-8.4698857
6525000000	2.14675498	-2.042035225	-12.450993	-5.024348412	-9.40894517	-7.238967197	0.0568723	0.3144598	0.1145791	0.188844	-8.1578191
6525000000	2.14675498	-1.989675347	-11.7216912	-3.950016865	-8.626056614	-5.066573262	0.0672715	0.4027155	0.1372127	0.3114713	-6.3892556
6525000000	2.14675498	-1.93731547	-9.25918444	-3.126249047	-7.72484507	-3.808663912	0.1185991	0.4867255	0.1688556	0.1460386	-5.2639512
6525000000	2.14675498	-1.884955592	-7.723045712	-2.562241524	-6.919596062	-3.653368108	0.1689256	0.5543395	0.2032546	0.4311845	-4.6925481
6525000000	2.14675498	-1.832595715	-6.919095096	-2.050872166	-5.934833579	-3.9475456502	0.2032781	0.6236096	0.2565409	0.4092446	-4.2993214
6525000000	2.14675498	-1.780235837	-5.613942568	-1.454507754	-4.41587681	-3.75980672	0.2745401	0.7154005	0.3618605	0.4207454	-3.5346237
6525000000	2.14675498	-1.72787596	-3.745098857	-0.860732389	-2.858661142	-3.042234252	0.4221727	0.8020132	0.5177664	0.9873369	-2.4862673
6525000000	2.14675498	-1.675516082	-2.195855051	-0.371428093	-2.018879866	-2.619827439	0.6031349	0.9180307	0.6282204	0.5470377	-1.7127186
6525000000	2.14675498	-1.623156204	-1.477440723	0.036851588	-2.136398802	-2.855221929	0.7116328	1.0085215	0.6114488	0.5181766	-1.472487
6525000000	2.14675498	-1.570796327	-1.293161839	0.410647274	-2.52992474	-3.190820756	0.7424784	1.0991696	0.55848	0.4796428	-1.2770206
6525000000	2.14675498	-1.518436449	-0.863099606	0.725880173	-1.962368234	-2.750126303	0.8197663	1.1819198	0.6364484	0.530869	-1.0113728
6525000000	2.14675498	-1.466076572	-0.07813325	0.920294926	-0.491916127	-1.535844017	0.98217	1.2360314	0.8929021	0.7021265	-0.7604605
6525000000	2.14675498	-1.413716694	0.46887099	0.976872708	0.575995583	-0.418396616	1.1140049	1.252391	1.141825	0.9001598	0.4299118
6525000000	2.14675498	-1.361356817	0.488033922	0.943818248	0.570923203	0.009967796	1.1189312	1.2427444	1.1404922	1.0022978	0.5158329
6525000000	2.14675498	-1.308996939	0.289917773	0.875894154	-0.164129457	-0.087257644	1.0693046	1.223459	0.962913	0.9801807	0.2484627
6525000000	2.14675498	-1.256637061	0.531118336	0.782946314	-0.058586321	-0.058586321	1.1300869	1.1975527	0.880506	0.9866006	0.2065627
6525000000	2.14675498	-1.204277184	1.277067623	0.649744764	-0.03014557	-0.478594789	1.3418586	1.1613804	0.9930828	1.1165019	0.6190686
6525000000	2.14675498	-1.151917306	1.953655604	0.468372537	0.59648537	1.044331107	1.5680704	1.113877	1.1472228	1.2718418	1.0559653
6525000000	2.14675498	-1.099557429	2.76554532	0.220218496	0.424932961	0.871362697	1.6891004	1.0520148	1.1027912	1.2221831	1.0261286
6525000000	2.14675498	-1.047197551	2.420978357	-0.13741028	-0.575534963	-0.338896352	1.7462156	0.9688932	0.8758838	0.9249332	0.526868
6525000000	2.14675498	-0.994837674	2.668097399	-0.621977273	-1.45059847	-2.049516114	1.8484587	0.8665673	0.7160447	0.6238043	0.0591748
6525000000	2.14675498	-0.942477796	2.985449187	-1.149963874	-1.175268659	-2.873042279	1.9885885	0.7673679	0.7629097	0.5160547	-0.3775502
6525000000	2.14675498	-0.890117719	3.064970944	-1.523106939	-0.268794163	-2.578891009	2.0253361	0.7041891	0.9399843	0.5521284	0.2343024
6525000000	2.14675498	-0.837758041	2.727102046	-1.583797001	0.112698587	-2.366081571	1.8737438	0.6944169	1.0262894	0.5799517	0.1853426
6525000000	2.14675498	-0.785398163	2.154201571	-1.42360416	-0.367491518	-2.765996747	1.6421777	0.7205093	0.9188632	0.5289327	-0.1207998
6525000000	2.14675498	-0.733038286	1.759263165	-1.319945395	-1.164798283	-3.572121895	1.4994304	0.7379135	0.7647512	0.4393171	-0.5323229
6525000000	2.14675498	-0.680678408	1.611840089	-1.475070028	-1.563037933	-4.066606075	1.4493858	0.7120213	0.6977442	0.3920481	-0.9001638
6525000000	2.14675498	-0.628318531	1.242930842	-1.894542996	-1.752739988	-3.851698114	1.3313526	0.646466	0.6679224	0.4119364	-1.1666833
6525000000	2.14675498	-0.575958653	0.182051241	-2.448788698	-2.51877						

6525000000	2.14675498	1.832595715	-2.792176759	-2.444148159	-6.31361392	-15.34427269	0.5257537	0.5696199	0.2336892	0.0292128	-4.690721
6525000000	2.14675498	1.884955592	-2.934219094	-2.663557493	-6.529808382	-11.02082499	0.5088363	0.5415571	0.2223408	0.0790528	-4.7115171
6525000000	2.14675498	1.93731567	-3.172774454	-2.943105863	-6.301196473	-7.34867156	0.48164	0.5077962	0.2343583	0.1841335	-4.5347955
6525000000	2.14675498	1.989675347	-3.974766788	-3.672395502	-6.049372292	-4.995875473	0.400427	0.4292996	0.2483492	0.3165282	-4.5760909
6525000000	2.14675498	-5.250587046	-4.858012812	-7.208328466	-3.656063327		0.2984979	0.3267373	0.190181	0.430917	-5.0642581
6525000000	2.14675498	2.094395102	-6.243807793	-5.682784115	-10.62197469	-3.287748801	0.2374757	0.2702226	0.0866568	0.4690655	-5.7538561
6525000000	2.14675498	-6.769912057	-5.460777789	-12.38566388	-3.677382606		0.2103821	0.2843952	0.0577343	0.4288069	-6.1025004
6525000000	2.14675498	2.199114858	-7.628681972	-5.380729945	-9.815481044	-4.618673662	0.1726362	0.2896857	0.1043403	0.3452492	-6.4210741
6525000000	2.14675498	2.251474735	-8.729265054	-6.465194025	-9.113655117	-6.431086765	0.1339903	0.2256735	0.1226407	0.2274528	-7.509501
6525000000	2.14675498	2.303834613	-8.650891551	-8.086360784	-10.52795747	-9.830105184	0.1364303	0.1553688	0.0885532	0.1309895	-9.16908
6525000000	2.14675498	2.35619449	-7.61734675	-8.012713651	-12.88009916	-13.48609062	0.1730873	0.158026	0.0515217	0.0448117	-9.71178
6525000000	2.14675498	2.408554368	-7.185545583	-6.548632712	-14.27810416	-11.98947422	0.1911813	0.2213792	0.0373413	0.0632488	-8.9181513
6525000000	2.14675498	2.460914245	-8.079670088	-5.557905114	-12.714271005	-10.33914143	0.1556084	0.2781054	0.053527	0.0924881	-8.3883502
6525000000	2.14675498	2.513274123	-10.60073536	-5.554709072	-10.08904403	-11.07851588	0.0870816	0.2783102	0.0979706	0.0780097	-8.6856419
6525000000	2.14675498	2.565364	-13.6142987	-6.44643242	-9.153772032	-14.75831846	0.0435081	0.2266505	0.121513	0.0334324	-9.735647
6525000000	2.14675498	2.617993878	-12.58506762	-7.694748584	-10.37443066	-16.37650992	0.0551434	0.1700298	0.0917396	0.0230329	-10.760504
6525000000	2.14675498	2.670353756	-9.966721637	-8.471580431	-12.74449576	-11.46316032	0.1007692	0.1421811	0.0531558	0.0713977	-10.367982
6525000000	2.14675498	2.722713633	-8.308687419	-8.669205102	-13.83559812	-9.922292292	0.1476153	0.1358562	0.0413466	0.1018054	-9.7201522
6525000000	2.14675498	2.775073511	-7.896069943	-6.846682159	-13.36720057	-12.11865262	0.1623278	0.1365569	0.0460572	0.0613952	-9.9317333
6525000000	2.14675498	2.827433388	-9.030438334	-8.585271423	-12.56391173	-17.95586064	0.1250133	0.1385074	0.0554126	0.1061008	-10.770876
6525000000	2.14675498	2.879793266	-11.528741	-9.102725536	-12.41064271	-16.39109196	0.0703276	0.1229497	0.0574032	0.0229557	-11.648865
6525000000	2.14675498	2.932153143	-13.69103051	-10.96462073	-13.51757173	-12.80758194	0.0427461	0.0808026	0.044488	0.0523892	-12.602183
6525000000	2.14675498	2.984513021	-15.01369551	-14.45339751	-16.05114153	-12.21742649	0.0315232	0.0358641	0.0248248	0.0600147	-14.195689
6525000000	2.14675498	3.036872899	-18.17318412	-18.81443665	-19.67464783	-14.20235863	0.0152294	0.0131388	0.0107779	0.0379983	-17.147556
6525000000	2.14675498	3.089232776	-20.33351543	-22.32029142	-21.12300152	-18.70380772	0.0092608	0.0059837	0.0077215	0.0134787	-20.404365
6525000000	2.14675498	3.141592654	-17.03598025	-21.74376265	-21.05199214	-19.75045058	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.199114858	-3.141592654	-17.03597995	-21.74376259	-21.05199191	-19.75045065	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.199114858	-3.089232776	-15.6917942	-17.90427966	-22.38104401	-15.89136892	0.0269663	0.0162021	0.0057796	0.0257551	-17.287217
6525000000	2.199114858	-3.036872899	-14.85533844	-14.99522467	-18.85072289	-17.376575837	0.0326939	0.0316576	0.0130295	0.0593095	-14.663219
6525000000	2.199114858	-2.984513021	-13.14739875	-13.50434328	-15.16901253	-9.335340824	0.0484462	0.0446237	0.0304158	0.1165376	-12.218606
6525000000	2.199114858	-2.932153143	-11.31514913	-12.63491035	-13.25344962	-7.865462375	0.0738729	0.0545141	0.0472776	0.0634759	-10.711684
6525000000	2.199114858	-2.879793266	-9.49782882	-12.06336247	-11.64502797	-7.991431219	0.112258	0.0621819	0.0684695	0.1588023	-9.981555
6525000000	2.199114858	-2.827433388	-8.796608711	-11.69361796	-10.8272847	-8.328852157	0.148607	0.0677077	0.0826555	0.1469315	-9.5282097
6525000000	2.199114858	-2.775073511	-7.479236452	-10.70945344	-11.05466031	-7.308589019	0.1786802	0.0849287	0.0784393	0.1858408	-8.7951733
6525000000	2.199114858	-2.722713633	-6.623415273	-9.088916882	-10.74371353	-6.524352498	0.2175998	0.1233412	0.0842614	0.2226203	-7.960382
6525000000	2.199114858	-2.670353756	-6.185690014	-7.848811523	-10.60589854	-6.465912899	0.240675	0.1641039	0.0869781	0.2256362	-7.4630274
6525000000	2.199114858	-2.617993878	-6.333469556	-7.623364276	-12.35710859	-6.083421754	0.2326232	0.1728477	0.0581151	0.2464029	-7.5080425
6525000000	2.199114858	-2.565364	-6.537902133	-8.606915377	-13.75879688	-8.865290213	0.2219268	0.1378188	0.0420843	0.2591097	-7.8190317
6525000000	2.199114858	-2.513274123	-6.570128076	-10.25487292	-12.41482158	-6.46063569	0.2202861	0.0943002	0.0573745	0.2203402	-8.2951753
6525000000	2.199114858	-2.460914245	-6.766625272	-10.96363539	-11.04242506	-7.424761607	0.2105414	0.080107	0.0786276	0.1809353	-8.6153543
6525000000	2.199114858	-2.408554368	-7.50376251	-10.28346487	-9.505294899	-7.726213617	0.1776739	0.0936814	0.1120651	0.1688024	-8.5994557
6525000000	2.199114858	-2.35619449	-8.796918489	-8.970931554	-8.303259051	-8.134065948	0.1319192	0.126738	0.1477999	0.1536453	-8.5379252
6525000000	2.199114858	-2.303834613	-10.15185356	-7.380258883	-7.968467882	-9.02142948	0.0965639	0.1827991	0.1596442	0.1252729	-8.5056526
6525000000	2.199114858	-2.251474735	-10.6459237	-5.949015993	-7.943010487	-9.997354806	0.0861802	0.2541548	0.1605828	0.1006069	-8.2320086
6525000000	2.199114858	-2.199114858	-10.73293996	-5.054396773	-7.932250086	-10.04323817	0.0844707	0.3129216	0.1609811	0.0990093	-7.8465807
6525000000	2.199114858	-2.14675498	-12.30433666	-4.740585921	-8.488955275	-7.38483342	0.0588256	0.3352993	0.1461634	0.132633	-7.1367866
6525000000	2.199114858	-2.094395102	-15.75925591	-4.597775453	-9.396656304	-6.907828723	0.0265506	0.3469145	0.1149038	0.2038061	-7.618441
6525000000	2.199114858	-2.042035225	-16.77812873	-4.113019638	-9.236262167	-4.862057419	0.0209984	0.3878806	0.1192268	0.3264332	-6.7032813
6525000000	2.199114858	-1.989675347	-13.44865788	-3.344804337	-8.158221072	-3.149870586	0.0451996	0.4629345	0.1528192	0.4841868	-5.4320138
6525000000	2.199114858	-1.93731547	-10.10260888	-2.701193878	-7.224138709	-2.354189835	0.097665	0.5368842	0.1894899	0.5815419	-4.5420041
6525000000	2.199114858	-1.884955592	-7.90869435	-2.316649077	-6.258037542	-2.580471934	0.1618567	0.5865906	0.2237671	0.5520175	-4.1900897
6525000000	2.199114858	-1.832595715	-6.307152212	-1.959043203	-5.583169001	-3.264670545	0.2340371	0.6369358	0.2764923	0.4715556	-3.9280752
6525000000	2.199114858	-1.780125837	-4.874549273	-1.41252101	-4.207965805	-3.37778018	0.3254956	0.7223504	0.3794927	0.4594328	-3.263407
6525000000	2.199114858	-1.72787567	-3.844993146	-0.772007709	-2.798334403	-2.716290002	0.4125729	0.8371422	0.5250088	0.5350212	-2.3849594
6525000000	2.199114858	-1.675516082	-3.215352744	-0.188844932	-2.096310552	-2.211929034	0.4769411	0.9574487	0.617119	0.6090668	-1.7841842
6525000000	2.199114858	-1.623156204	-2.706277426	0.337875974	-2.320398328	-2.378174549	0.5362561	1.0809052	0.5860844	0.5782672	-1.5777892
6525000000	2.199114858	-1.570796327	-1.96414757	0.854711695	-2.737636632	-2.78016497	0.6361877	1.2175062	0.5323979	0.5272098	-1.3767455
6525000000	2.199114858	-1.518436449	-0.883016891	1.316360331	-2.060737399	-2.559447846	0.8160153	1.3540542	0.6221946	0.5954662	-0.7740943
6525000000	2.199114858	-1.460765772	0.074397784	1.623348176	-0.481336255	-1.549493896	1.0172783	1.4532315	0.8950893	0.6999232	-0.705664
6525000000	2.199114858	-1.413716694	0.524154134	1.742066589	0.619664789	-0.514280649	1.1282762	1.4935049	1.1533642	0.8883251	0.6664924
6525000000	2.199114858	-1.361356817	0.583787018	1.728200805	0.611573599	-0.090751916	1.1438754	1.4887442	1.1512079	0.9793204	0.7583407
6525000000	2.199114858	-1.308996939	0.709941245	1.653307202	-0.167008358	-0.167008358	1.17759	1.4632911	0.9710593	0.9622749	0.5825662
6525000000	2.199114858	-1.256637061	1.249780605	1.528319163	-0.509405403	-0.085847522	1.3335451	1.4217784	0.8893229	0.980427	0.6305008
6525000000	2.199114858	-1.204277184	2.029357156	1.312075284	0.004463033	0.688803366	1.5956429	1.3527188	1.0010282	1.1399357	0.1040024
6525000000	2.199114858	-1.151917306	2.637519095	0.968959326	0.595678821	1.279945666	1.8354895	1.2499595	1.1470118	1.3427488	1.4420116
6525000000	2.199114858	-1.099557429	3.120541709	0.478947647	0.381205411	1.287656675	1.9496511	1.1165926	1.0917433	1.3270172	1.3711698
6525000000	2.199114858	-1.047197551	2.940743327	-0.169569858	-0.651225282	0.096274817	1.9682231	0.9617075	0.8607509	1.0224156	0.8036464
6525000000	2.199114858	-0.994837674	2.99431984	-0.938406715							

6525000000	2.199114858	1.413716694	-1.482709947	1.069603348	-0.010285489	2.618809932	0.7107699	1.2792645	0.9976345	1.8275993	0.8056049
6525000000	2.199114858	1.466076572	-1.737682201	0.654347884	-1.262735778	2.100825433	0.6702422	1.162612	0.7476983	1.6221184	0.2146539
6525000000	2.199114858	1.518436449	-1.946297099	0.1659472	-2.391543477	1.72556043	0.6388079	1.0389502	0.7565615	1.4878394	-0.2893776
6525000000	2.199114858	1.570796327	-1.902007531	-0.421029149	-2.954193134	1.551139423	0.6453558	0.9076054	0.5065014	1.4292689	-0.5939243
6525000000	2.199114858	1.623156204	-1.706744289	-0.928772747	-3.585980427	1.06527702	0.6750339	0.8074632	0.4379272	0.9712708	-0.9712708
6525000000	2.199114858	1.675516082	-1.714447755	-1.207825485	-4.834331639	-0.306605002	0.6738376	0.7572119	0.3285328	0.931836	-1.7208024
6525000000	2.199114858	1.72787596	-2.18297038	-1.412818006	-5.985878726	-2.848734741	0.604927	0.722301	0.2520067	0.5189512	-2.8021603
6525000000	2.199114858	1.780235837	-2.997775254	-1.774624695	-6.084818458	-6.309545542	0.501444	0.6645651	0.2463305	0.2339082	-3.8556478
6525000000	2.199114858	1.832595715	-3.720764823	-2.214293327	-6.031350139	-9.29027062	0.4245448	0.6005797	0.2493819	0.1177533	-4.5833974
6525000000	2.199114858	1.884955592	-4.137291441	-2.47093542	-6.230804951	-9.656673279	0.3857188	0.5661173	0.2381176	0.1087262	-4.8873506
6525000000	2.199114858	1.93731547	-4.568666604	-2.622818358	-6.08427631	-7.565270405	0.3492475	0.5466611	0.2463612	0.1751753	-4.8232744
6525000000	2.199114858	1.989675347	-5.309919959	-3.113952914	-6.08213502	-5.166232993	0.2944476	0.4882078	0.2464827	0.3043524	-4.7707007
6525000000	2.199114858	2.042035225	-6.040444751	-4.276696909	-7.76768651	-3.752248331	0.2488602	0.3735341	0.1671981	0.4214782	-5.1889048
6525000000	2.199114858	2.094395102	-6.163725447	-5.709281465	-12.09864398	-3.469741676	0.2418953	0.2685789	0.0616788	0.4498066	-5.9262628
6525000000	2.199114858	2.14675498	-6.023907451	-6.230791182	-12.42426315	-3.862111895	0.2498097	0.2381886	0.0572234	0.4109498	-6.2152421
6525000000	2.199114858	2.199114858	-6.307236927	-6.213278743	-9.152384021	-4.5646831	0.2340326	0.239151	0.1215519	0.349568	-6.2694844
6525000000	2.199114858	2.251474735	-6.844887642	-7.03883675	-8.75663084	-5.898285323	0.2067813	0.1977499	0.1331487	0.2571411	-7.0179066
6525000000	2.199114858	2.303834613	-7.024003313	-8.82764862	-10.47044706	-7.990666619	0.1984265	0.1309891	0.0897336	0.1588522	-8.4013105
6525000000	2.199114858	2.35619449	-7.217666751	-9.911147397	-12.41130846	-9.48108996	0.1897725	0.102067	0.0573944	0.1140746	-9.3618973
6525000000	2.199114858	2.408554368	-8.359543621	-8.813694878	-12.73732218	-9.386751747	0.1458968	0.1314061	0.0532436	0.1151661	-9.5300062
6525000000	2.199114858	2.460914245	-10.93271015	-7.255038286	-11.16024503	-9.107332699	0.0806731	0.1881465	0.0765553	0.1228193	-9.3163384
6525000000	2.199114858	2.513274123	-14.21341042	-6.534079581	-9.18426233	-9.262747993	0.0379017	0.2221222	0.1206633	0.1185019	-9.0379483
6525000000	2.199114858	2.565634	-13.50738176	-6.80264508	-8.812739502	-11.08153168	0.0445925	0.2088024	0.1314395	0.0779555	-9.3667606
6525000000	2.199114858	2.617993878	-10.5600953	-7.637293055	-10.41039171	-15.59141311	0.0879003	0.1722942	0.0909831	0.0275968	-10.236793
6525000000	2.199114858	2.670353756	-8.762248481	-8.277379496	-12.50760283	-14.87411304	0.1329766	0.1486833	0.0561358	0.0325528	-10.334495
6525000000	2.199114858	2.722713633	-7.933792861	-8.373937339	-13.1561173	-12.19231221	0.160924	0.145414	0.0483491	0.0603627	-9.839598
6525000000	2.199114858	2.775073151	-8.093901871	-8.211893201	-12.94855788	-13.15569129	0.1550993	0.1509422	0.0507159	0.0483538	-9.9448571
6525000000	2.199114858	2.827433388	-9.695628245	-8.231949355	-12.23622172	-15.29152015	0.1072598	0.1502467	0.0597555	0.0295698	-10.61941
6525000000	2.199114858	2.879793266	-12.55549382	-9.014460961	-12.04822221	-13.70240854	0.0555201	0.125474	0.0624767	0.0426343	-11.455343
6525000000	2.199114858	2.932151343	-14.67207874	-11.11159444	-13.25421334	-11.81115485	0.034103	0.0774548	0.0472692	0.0658999	-12.504766
6525000000	2.199114858	2.984513021	-15.86978705	-14.74323764	-16.02356158	-11.67865023	0.0258834	0.0331358	0.0249843	0.0679415	-14.192008
6525000000	2.199114858	3.036872789	-19.03025634	-19.1977552	-19.84612784	-13.79520306	0.0125019	0.1022089	0.0103607	0.041733	-17.17693
6525000000	2.199114858	3.089232799	-20.61605752	-22.35753126	-21.16480547	-18.45425858	0.0086775	0.0058109	0.0076475	0.0142749	-20.408289
6525000000	2.199114858	3.141592654	-17.03597995	-21.74376259	-21.05199191	-19.75045065	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.251474735	3.141592654	-17.0359803	-21.74376237	-21.05199188	-19.75045085	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.251474735	-3.892232776	-15.5228526	-18.41074501	-22.24894	-15.81113411	0.0280359	0.0144187	0.0059581	0.0262353	-17.290418
6525000000	2.251474735	-3.036872899	-14.52867998	-15.83315028	-18.47185961	-17.127702983	0.0352478	0.0261027	0.0142172	0.0605755	-14.680641
6525000000	2.251474735	-2.984513021	-12.82309435	-14.52527127	-14.89012251	-9.251450449	0.0522024	0.0352755	0.032433	0.1188105	-12.241685
6525000000	2.251474735	-2.932153143	-10.9096351	-13.34628553	-13.14238458	-7.741636403	0.0811029	0.0462777	0.0485022	0.168204	-10.65392
6525000000	2.251474735	-2.879793266	-8.949823721	-12.15515238	-11.58995763	-7.794303944	0.1273555	0.0608814	0.0693433	0.1661765	-9.7494346
6525000000	2.251474735	-2.827433388	-7.595261261	-11.57379975	-10.70485531	-7.994567335	0.1739698	0.0696017	0.0850187	0.1586844	-9.1428616
6525000000	2.251474735	-2.775073511	-6.66537963	-11.06230823	-10.98375597	-8.24047454	0.2155073	0.0783013	0.0977305	0.2077759	-8.7467457
6525000000	2.251474735	-2.722713633	-5.71213583	-9.85098895	-10.99069238	-6.021991574	0.2684024	0.1034906	0.0796032	0.2499919	-9.560849
6525000000	2.251474735	-2.670353756	-5.115827777	-8.454822812	-11.06293664	-6.245214297	0.3079053	0.1427308	0.07829	0.2373988	-7.1764701
6525000000	2.251474735	-2.617993878	-5.063035232	-7.680143956	-12.74341465	-6.446261696	0.3116711	0.1706026	0.053169	0.2266594	-7.2004683
6525000000	2.251474735	-2.565634	-5.289754295	-7.890253672	-13.60166468	-6.679023366	0.295818	0.1625454	0.0436349	0.2148314	-7.4653403
6525000000	2.251474735	-2.513274123	-5.67723561	-8.861544498	-11.96952289	-7.584073746	0.270568	0.1299707	0.0635401	0.1744185	-7.969009
6525000000	2.251474735	-2.460914245	-6.379814332	-9.734017878	-10.41684536	-8.40348419	0.230154	0.1063159	0.090848	0.1444281	-8.4856866
6525000000	2.251474735	-2.408554368	-7.638105873	-9.77427571	-8.879666935	-8.81607981	0.172262	0.1053349	0.1294295	0.1313385	-8.7098325
6525000000	2.251474735	-2.35619449	-9.188153052	-8.990916529	-7.877726941	-9.488543189	0.1205549	0.1261561	0.1630149	0.1124982	-8.8420307
6525000000	2.251474735	-2.303834613	-9.042795111	-7.668049641	-7.664304779	-9.969092617	0.0993585	0.1710783	0.1712259	0.1007142	-8.8767348
6525000000	2.251474735	-2.251474735	-9.854855697	-6.15839314	-7.584313349	-9.487892096	0.1033129	0.2412215	0.1744089	0.1125151	-8.0175124
6525000000	2.251474735	-2.199114858	-9.776517922	-4.91937421	-7.570597231	-8.121170169	0.1052806	0.3221533	0.1749621	0.1541285	-7.752327
6525000000	2.251474735	-2.14675498	-10.7611972	-4.115602511	-8.318812274	-6.3998151	0.0839229	0.38765	0.1472715	0.2290965	-6.7369443
6525000000	2.251474735	-2.094395102	-11.44134204	-3.611401654	-4.733825749	-4.733825749	0.0717573	0.4353713	0.1163665	0.3362153	-6.1991981
6525000000	2.251474735	-2.042035225	-9.901013329	-3.066525609	-8.848242784	-3.220286476	0.1023054	0.4935685	0.1303694	0.4763996	-5.219233
6525000000	2.251474735	-1.989675347	-8.240472288	-2.41589371	-7.53748321	-2.066082008	0.1499522	0.5733379	0.1762997	0.6214294	-4.199235
6525000000	2.251474735	-1.93731547	-7.026268314	-1.931178751	-6.637532394	-1.672790323	0.198323	0.6410356	0.2168936	0.6803321	-3.6236412
6525000000	2.251474735	-1.884955592	-5.801331616	-1.772038098	-6.02024067	-2.203800262	0.2629462	0.6649621	0.2500207	0.6020326	-3.5164938
6525000000	2.251474735	-1.832595715	-4.467675334	-1.765285768	-5.213361848	-3.183813778	0.3574641	0.6659957	0.3010675	0.4804173	-3.4559612
6525000000	2.251474735	-1.780235837	-3.301776654	-1.634300904	-3.994698726	-3.477601422	0.4675438	0.6863884	0.3985934	0.4489933	-3.0070029
6525000000	2.251474735	-1.72787596	-2.665315768	-1.323849998	-2.77952651	-2.77952651	0.5413379	0.7372504	0.5289713	0.5272873	-2.3801858
6525000000	2.251474735	-1.675516082	-2.492777353	-0.943718197	-2.212920346	-2.190841152	0.5632773	0.8046892	0.6007696	0.6038317	-1.9169316
6525000000	2.251474735	-1.623156204	-2.27153773	-0.518374912	-2.523526147	-2.356106533	0.5927154	0.887488	0.5593033	0.5812853	-1.8662742
6525000000	2.251474735	-1.570796327	-1.576141555	0.005220938	-2.905467208	-2.892417862	0.6956421	1.0012029	0.5122162	0.5137575	-1.6704127
6525000000	2.251474735	-1.518436449	-0.54195346	0.564540134	-2.073432093	-2.889389622	0.8826828	1.1388172	0.6203785	0.5411159	-1.0292377
6525000000	2.251474735	-1.466076572	0.369473558	1.00081739	-0.402224608	-2.03591555	1.0887981	1.2591624	0.9115438	0.6257609	-0.1263932
6525000000	2.251474735	-1.413716694	0.86633912								

6525000000	2.251474735	0.994837674	-1.248183179	1.7283156	0.857693317	2.819742217	0.750208	1.4887835	1.2183423	1.9141423	1.2803366
6525000000	2.251474735	1.047197551	-0.576819832	2.029897377	1.644070732	3.66905766	0.8756247	1.5958414	1.459287	2.3275862	1.9439911
6525000000	2.251474735	1.099557429	-0.249440342	2.011177816	2.150484444	4.322034096	0.9441825	1.5889776	1.6407728	2.7052251	2.3547735
6525000000	2.251474735	1.151917306	-0.207638752	1.845750165	1.889886042	4.258875462	0.9533143	1.5295889	1.5452139	2.6661682	2.364643
6525000000	2.251474735	1.204277184	-0.320516334	1.775706867	1.12975527	3.60003084	0.9288559	1.505185	1.2971074	2.2908839	1.7762879
6525000000	2.251474735	1.256637061	-0.44371662	1.805254989	0.675756398	2.959270445	0.9028765	1.5153938	1.1683572	1.9766763	1.4326976
6525000000	2.251474735	1.308996939	-0.505805801	1.729517347	0.842087939	2.823728345	0.8900603	1.4891956	1.2139723	1.9159	1.3002289
6525000000	2.251474735	1.361356817	-0.555567789	1.428561023	0.927274699	2.849970032	0.8799201	1.3894922	1.2380195	1.9275116	1.3313503
6525000000	2.251474735	1.413716694	-0.727887887	1.00419443	0.279893066	2.554833158	0.84569	1.2601419	1.0665699	1.8008739	0.9458255
6525000000	2.251474735	1.466076572	-1.106802815	0.649417078	-0.994446877	2.061303463	0.7750322	1.1612927	0.7953446	1.6074236	0.3533897
6525000000	2.251474735	1.518436449	-1.606545102	0.388152256	-2.123768388	1.870598301	0.6907891	1.093491	0.6132297	1.5383666	-0.0701854
6525000000	2.251474735	1.570796327	-2.052733357	0.094964437	-2.718949292	2.014583479	0.6233424	1.0221072	0.5346937	1.5902422	-0.2567631
6525000000	2.251474735	1.623156204	-2.41376957	-0.261793357	-3.42394475	1.906868991	0.5736184	0.9415007	0.454575	1.5512682	-0.5539862
6525000000	2.251474735	1.675516082	-2.882434778	-0.578920625	-4.699511698	1.055989566	0.5149399	0.8752013	0.3388823	1.2752606	-1.24319
6525000000	2.251474735	1.72787596	-3.639814819	-0.827258715	-5.706056521	-0.595548319	0.4325323	0.8265595	0.2687784	0.8718568	-2.2189815
6525000000	2.251474735	1.780235837	-4.524227794	-1.125425692	-5.667706193	-2.7063797	0.3528395	0.7717159	0.2711623	0.5362435	-3.1606159
6525000000	2.251474735	1.832595715	-5.075958182	-1.479908093	-5.623766853	-4.881440916	0.310745	0.7112286	0.2739197	0.3249795	-9.3231106
6525000000	2.251474735	1.884955592	-5.213277859	-1.702568545	-5.906276237	-6.691080692	0.3010733	0.6756832	0.2566684	0.2142357	-4.4139322
6525000000	2.251474735	1.93731547	-5.371875539	-1.774209604	-5.955726012	-6.598007359	0.2902769	0.6642866	0.2537601	0.2188766	-4.4747104
6525000000	2.251474735	1.987957347	-5.75215249	-2.066831803	-6.299731652	-4.771459303	0.2659407	0.6213221	0.2344474	0.3331144	-4.3912965
6525000000	2.251474735	2.042035225	-6.042247393	-3.002597241	-8.573918855	-3.501688972	0.248757	0.5008876	0.1388699	0.4465099	-4.765708
6525000000	2.251474735	2.094395102	-5.997169571	-4.518963649	-13.61726524	-3.3303151	0.2513524	0.3532675	0.0434784	0.4641911	-5.5584271
6525000000	2.251474735	2.14675498	-5.924770131	-5.686340065	-11.79073538	-3.655796876	0.2555777	0.2700014	0.0662104	0.4309435	-5.9229729
6525000000	2.251474735	2.199114858	-6.127489687	-5.937956068	-8.620514088	-4.044810617	0.243922	0.2548029	0.1373879	0.3940206	-5.8916648
6525000000	2.251474735	2.251474735	-6.484007038	-6.252388373	-8.758519663	-4.784957903	0.224698	0.237007	0.1330904	0.33228	-6.349449
6525000000	2.251474735	2.303834613	-6.916123872	-7.320159907	-10.8319437	-5.608214636	0.2034172	0.1853463	0.0825667	0.2749024	-7.2918574
6525000000	2.251474735	2.35619449	-8.003883153	-8.805296325	-12.0514709	-5.940408921	0.1583477	0.131665	0.0623524	0.2546529	-8.1885407
6525000000	2.251474735	2.408554368	-10.53057789	-9.361848345	-11.44730051	-6.580612109	0.0884998	0.1158284	0.0716589	0.2191755	-9.0680419
6525000000	2.251474735	2.460914245	-14.15533567	-8.457641027	-10.13013231	-7.69509791	0.038412	0.1426382	0.097048	0.1700162	-9.5067112
6525000000	2.251474735	2.513274123	-14.24844802	-7.559073245	-8.863404808	-7.94159909	0.0375972	0.1754255	0.1299151	0.160635	-8.9999782
6525000000	2.251474735	2.565634	-11.27077049	-7.511927154	-9.12350124	-8.615565484	0.0746316	0.1773402	0.1223629	0.1735446	-8.9289236
6525000000	2.251474735	2.61799387	-9.215757827	-8.098617248	-11.12900758	-12.17155011	0.119791	0.154931	0.077108	0.060652	-8.8665506
6525000000	2.251474735	2.670353756	-8.31492651	-8.57368024	-12.63660894	-17.46250179	0.1474033	0.1388236	0.0544928	0.017937	-10.47381
6525000000	2.251474735	2.722713633	-8.132866465	-8.494350772	-12.68113507	-14.84153006	0.153714	0.1414376	0.053937	0.032798	-10.201257
6525000000	2.251474735	2.775073511	-8.772020413	-8.190840978	-12.68261736	-13.37466492	0.1326777	0.1516757	0.0539186	0.0459762	-10.174482
6525000000	2.251474735	2.827433388	-10.78314723	-8.260338719	-12.69539081	-12.69539081	0.0834998	0.1492678	0.0620988	0.0537602	-10.596995
6525000000	2.251474735	2.879793266	-13.75113622	-9.219670282	-11.84670899	-11.59950081	0.0421586	0.1196831	0.0653626	0.0691191	-11.301886
6525000000	2.251474735	2.92153143	-15.3834294	-11.46274645	-13.13341467	-10.90963811	0.0289506	0.0714045	0.0486025	0.0811029	-12.402182
6525000000	2.251474735	2.984513021	-16.5156078	-15.14235339	-16.08182686	-11.23965365	0.0223069	0.030603	0.02465	0.0751683	-14.181406
6525000000	2.251474735	3.036872899	-19.85397679	-19.56004467	-20.05782791	-13.47287293	0.0103419	0.010661	0.0098677	0.0494987	-17.99635
6525000000	2.251474735	3.089232776	-20.87891432	-22.4071094	-21.21199646	-18.23194111	0.0081679	0.005745	0.0075649	0.0150247	-20.397385
6525000000	2.251474735	3.141592654	-17.0359803	-21.74376237	-21.05199188	-19.75045082	0.019788	0.006693	0.0078488	0.0105914	-19.496085
6525000000	2.303834613	-3.141592654	-17.03597994	-21.74376257	-22.0519918	-19.7504508	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.303834613	-3.089232776	-15.36333838	-18.94706073	-21.10316542	-15.73271142	0.0290848	0.0127437	0.0061615	0.0267134	-17.287102
6525000000	2.303834613	-3.036872899	-14.2215514	-16.76510821	-18.08368198	-12.09357122	0.0378307	0.020165	0.0155465	0.0617508	-14.679162
6525000000	2.303834613	-2.984513021	-12.50484973	-15.6621973	-9.188710643	-9.188710643	0.0561714	0.0271507	0.0345993	0.1205394	-12.246431
6525000000	2.303834613	-2.932153143	-10.52865097	-13.96882419	-13.06429306	-7.639802238	0.0885391	0.0399317	0.0493822	0.1721947	-10.579328
6525000000	2.303834613	-2.879793266	-8.480557742	-12.06706809	-11.60489571	-7.608659572	0.1418875	0.0621288	0.0691052	0.1734339	-9.5218439
6525000000	2.303834613	-2.827433388	-7.093885736	-11.26193061	-10.67680996	-7.708177312	0.1952592	0.0747837	0.0855695	0.1695049	-8.8180631
6525000000	2.303834613	-2.775073511	-6.250614321	-11.32832463	-11.08078832	-6.458494056	0.2371038	0.0736491	0.0779689	0.2262019	-8.1336588
6525000000	2.303834613	-2.722713633	-5.451061302	-11.08491144	-11.51242537	-5.661370266	0.2850322	0.0778949	0.0705923	0.2715582	-7.5382308
6525000000	2.303834613	-2.670353756	-4.892422267	-9.971634201	-11.77773975	-6.143471035	0.3241588	0.1006553	0.0664089	0.2430261	-7.3621663
6525000000	2.303834613	-2.61799387	-4.779911393	-8.713993358	-13.14993338	-6.903309077	0.3326663	0.1344623	0.048418	0.2040183	-7.4489997
6525000000	2.303834613	-2.565634	-5.07120918	-8.100215026	-13.22849336	-7.547029314	0.311085	0.154874	0.04755	0.1759126	-7.6357506
6525000000	2.303834613	-2.513274123	-5.781319854	-8.186376101	-11.43476407	-8.538473247	0.2641606	0.1518317	0.071866	0.1400079	-8.0419287
6525000000	2.303834613	-2.460914245	-6.8788677	-8.384935053	-9.890624123	-9.210583024	0.2051697	0.1450462	0.1025505	0.1199338	-8.4413263
6525000000	2.303834613	-2.408554368	-8.108591174	-8.108109562	-8.528155449	-9.664016886	0.1545756	0.1545927	0.140341	0.1080434	-8.5577408
6525000000	2.303834613	-2.35619449	-8.579971715	-7.406798789	-7.806670519	-10.22730184	0.1386765	0.1816854	0.165704	0.0949008	-8.3790875
6525000000	2.303834613	-2.303834613	-7.938765598	-6.62883496	-7.729672692	-9.491262692	0.1607398	0.2173284	0.1686671	0.1124278	-8.7306712
6525000000	2.303834613	-2.251474735	-7.186699931	-5.846341354	-7.540466203	-7.785962804	0.1911305	0.2602351	0.1761787	0.166496	-7.0221747
6525000000	2.303834613	-2.199114858	-6.871819835	-4.987234932	-4.751739366	-6.190129884	0.2055029	0.3171586	0.1798151	0.2404291	-6.2759173
6525000000	2.303834613	-2.14675498	-6.956679761	-4.1570842	-7.481493763	-4.781676919	0.2015264	0.3839649	0.1485425	0.3325311	-5.7407267
6525000000	2.303834613	-2.094395102	-6.801279419	-3.458264293	-9.189606886	-3.544141015	0.2088681	0.4509969	0.1205145	0.4421666	-5.1479476
6525000000	2.303834613	-2.042035225	-6.049716461	-2.811740057	-8.272717156	-4.999306247	0.2483295	0.5233907	0.1488582	0.5624312	-4.3091603
6525000000	2.303834613	-1.989675347	-5.388548121	-2.177351077	-6.658153303	-1.765287226	0.2891646	0.6057102	0.2061506	0.6659953	-3.5481829
6525000000	2.303834613	-1.93731547	-5.105300522	-1.706369021	-6.860618954	-1.666761272	0.3086526	0.6750922	0.2473991	0.6827772	-3.4002646
6525000000	2.303834613	-1.884955592	-4.873769754	-1.51485902	-5.568274889	-2.422493578	0.325554	0.705277	0.277444	0.5724672	-3.2767282
6525000000	2.303834613	-1.832595715	-4.401311569	-1.5195							

6525000000	2.303834613	0.575958653	-6.704125033	-2.604614802	-4.153322368	-1.045671534	0.2135932	0.5489572	0.3842977	0.7860186	-3.1585806
6525000000	2.303834613	0.628318531	-5.437606829	-1.833730016	-3.498962593	0.576623969	0.2859166	0.655582	0.4467903	1.1419903	-1.9889157
6525000000	2.303834613	0.680678408	-4.718032738	-1.173310831	-2.744727388	1.309507294	0.3374401	0.7632537	0.5315294	1.3519192	-1.2724045
6525000000	2.303834613	0.73038286	-4.538223871	-0.673687046	-1.415675171	1.122658942	0.3517042	0.8563106	0.7218259	1.2949884	-0.9355328
6525000000	2.303834613	0.785398163	-4.613398784	-0.309525497	-0.039829482	1.196373501	0.3456688	0.9312096	1.0092133	1.3171564	-0.4536583
6525000000	2.303834613	0.837758041	-4.528968844	0.056691435	0.832503291	2.007405394	0.3524545	1.0113931	1.2112961	1.5875998	0.1750161
6525000000	2.303834613	0.890119719	-3.927131105	0.607246064	0.802445165	2.511045657	0.4048432	1.1500709	1.2029415	1.782808	0.5505934
6525000000	2.303834613	0.942477796	-2.835422587	1.361417542	0.493775418	2.29504451	0.5205444	1.3681753	1.1204115	1.696307	0.7054008
6525000000	2.303834613	0.994837674	-1.646438085	2.095865642	0.748026469	2.171361747	0.6844728	1.6202669	1.1879623	1.6486793	1.0901982
6525000000	2.303834613	1.074197551	-0.702223815	2.531566559	1.588253739	2.914371768	0.8507023	1.7912519	1.4415352	1.9563078	1.7896239
6525000000	2.303834613	1.09557429	-0.129144601	2.554004374	2.148538763	3.766189162	0.9707011	1.8005303	1.6400379	2.38023	2.2990567
6525000000	2.303834613	1.151917306	0.108386879	2.312319228	1.934587763	3.947942258	1.025271	1.7030677	1.5612008	2.4819568	2.2862466
6525000000	2.303834613	1.204277184	0.138187731	2.107462678	1.258922833	3.532142539	1.0323305	1.6245993	1.336264	2.2553516	1.9371894
6525000000	2.303834613	1.256637061	0.102348378	2.052461545	0.928973856	3.163383456	1.0238465	1.6041544	1.2385039	2.0717548	1.7159918
6525000000	2.303834613	1.308996939	0.067094434	1.943093959	1.171029396	3.29363704	1.015569	1.5642616	1.3094923	2.134832	1.7783614
6525000000	2.303834613	1.361356817	-0.05161058	1.5627562	1.249863917	3.51129841	0.9881866	1.4330971	1.3334796	2.2445529	1.7604176
6525000000	2.303834613	1.413716694	-0.417967968	0.970484404	0.565307859	3.336304747	0.9082454	1.2503985	1.1390185	2.1559092	1.3462104
6525000000	2.303834613	1.466076572	-1.070902212	0.481775837	-0.730031199	2.91928298	0.7814654	1.11732	0.8452727	1.9585213	0.7026165
6525000000	2.303834613	1.518436449	-1.824965391	0.276996146	-1.8685373	2.786939272	0.6569064	1.0658587	0.6503487	1.899739	0.2865792
6525000000	2.303834613	1.570796327	-2.412663799	0.147145717	-4.91462551	3.003521969	0.5737644	1.0346261	0.5634479	1.9968811	0.1792559
6525000000	2.303834613	1.623156204	-2.812789019	-0.148273273	-3.204924875	3.026122421	0.5232643	0.9664351	0.4780876	2.0072998	-0.0271338
6525000000	2.303834613	1.675516082	-3.232310122	-0.552812133	-4.364321082	2.411345089	0.4652421	0.8804786	0.3660732	1.7423464	-0.6372003
6525000000	2.303834613	1.72787596	-4.098910584	-0.859622798	-5.135751749	1.126195811	0.3891427	0.8204228	0.306496	1.2960435	-1.5302845
6525000000	2.303834613	1.780235837	-4.769382062	-1.058646497	-5.074321445	-0.576051157	0.3334739	0.7836738	0.3108622	0.8757797	-2.3961718
6525000000	2.303834613	1.832595715	-4.878396571	-1.274183607	-2.491887535	-2.491887535	0.3252073	0.74573	0.3036696	0.5633927	-5.1307629
6525000000	2.303834613	1.884955592	-4.67708589	-1.481636429	-5.631305868	-4.326723605	0.3406367	0.7109456	0.2734447	0.3692561	-3.7307404
6525000000	2.303834613	1.93731547	-4.698866691	-1.60719959	-5.945321675	-4.720379725	0.3389326	0.690685	0.2543711	0.3372578	-3.9221092
6525000000	2.303834613	1.989673547	-5.101724976	-1.843454594	-6.684469647	-3.43887126	0.3089068	0.6541157	0.2145621	0.4530153	-3.8971258
6525000000	2.303834613	2.042035225	-5.661205611	-2.574190673	-9.532517318	-2.478944636	0.2715685	0.5528164	0.1133649	0.5650743	-4.2573019
6525000000	2.303834613	2.094395102	-6.147063174	-3.94045566	-14.25647689	-2.448075143	0.2428251	0.4306303	0.0375277	0.5691051	-5.0408777
6525000000	2.303834613	2.14675498	-6.590312613	-5.380173209	-10.67047115	-2.76307933	0.2192647	0.2897228	0.0856892	0.529288	-5.5130732
6525000000	2.303834613	2.199114858	-7.010276039	-5.905396687	-8.220750768	-3.118827748	0.1990547	0.2567204	0.1506347	0.4876601	-6.6301495
6525000000	2.303834613	2.251474735	-7.333265369	-5.804100591	-9.078953076	-3.780428504	0.1847879	0.2627786	0.1236245	0.4782262	-6.064497
6525000000	2.303834613	2.303834613	-7.873522715	-6.029109658	-11.51276351	-4.279831906	0.1631728	0.2495106	0.0705868	0.3732646	-6.6931496
6525000000	2.303834613	2.35619449	-9.378322206	-6.755993779	-11.64381122	-4.331606937	0.1153899	0.2110574	0.0684887	0.3688411	-7.1490936
6525000000	2.303834613	2.408554368	-11.95702021	-7.408561108	-10.38650079	-5.16319781	0.0637233	0.1816117	0.091485	0.3045652	-7.9494019
6525000000	2.303834613	2.460914223	-12.79896635	-7.393275063	-9.472020047	-6.959596039	0.0524932	0.1822513	0.1129271	0.2013912	-8.624379
6525000000	2.303834613	2.513274145	-11.08773674	-7.193730746	-9.890570841	-7.342880563	0.0778442	0.1809231	0.126457	0.1843792	-8.3900523
6525000000	2.303834613	2.565634	-9.663479123	-7.545393309	-10.00708514	-7.262786297	0.1080568	0.1759789	0.099837	0.1878111	-8.4490406
6525000000	2.303834613	2.617993878	-8.918293134	-8.397674389	-12.38056479	-9.598875515	0.1282835	0.1446214	0.0578021	0.097662	-9.5822928
6525000000	2.303834613	2.670353756	-8.758757114	-9.002017347	-12.70168993	-14.31571903	0.1330835	0.1258341	0.0536823	0.0370193	-10.584647
6525000000	2.303834613	2.722713637	-9.039941589	-8.851804708	-12.16085065	-14.56792618	0.12474	0.1302625	0.0680816	0.0439307	-10.570811
6525000000	2.303834613	2.775073511	-10.03853295	-8.459131278	-12.42385512	-12.61515435	0.0991167	0.1425893	0.0572288	0.0602344	-10.46761
6525000000	2.303834613	2.827433388	-12.3045021	-8.577464726	-11.98824	-10.69549632	0.0588234	0.1387566	0.0632668	0.0852021	-10.629226
6525000000	2.303834613	2.879793266	-14.77838426	-9.658297437	-11.79077659	-10.08380989	0.0332783	0.1081858	0.0662098	0.0980887	-11.665756
6525000000	2.303834613	2.932135143	-15.51884818	-11.96359087	-13.147121985	-10.17750293	0.0280618	0.0632669	0.0484482	0.0599592	-12.289048
6525000000	2.303834613	2.984513021	-16.82491579	-15.58040526	-16.22895089	-10.90504283	0.0207734	0.0276668	0.023829	0.0811887	-14.160706
6525000000	2.303834613	3.036872899	-20.59188407	-19.82737456	-20.31012455	-13.23065535	0.0087259	0.0104055	0.0093108	0.0475264	-17.21246
6525000000	2.303834613	3.089232776	-21.11603345	-22.3639533	-21.2636758	-18.03779283	0.0077339	0.0058024	0.0074754	0.0157116	-20.371194
6525000000	2.303834613	3.141592654	-17.03597994	-21.74376257	-21.0519918	-19.7504508	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.35619449	3.141592654	-17.03597988	-21.74376253	-21.05199222	-19.75045071	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.35619449	3.089232776	-15.21421949	-19.51097864	-21.94730457	-15.6569504	0.0301008	0.0111919	0.0063866	0.0271851	-17.77851
6525000000	2.35619449	3.036872899	-13.93371254	-17.79609365	-17.69509335	-12.01825458	0.040423	0.0166108	0.016993	0.0628311	-14.657702
6525000000	2.35619449	2.984513021	-12.19229557	-16.91906433	-14.32795318	-9.148645458	0.0603629	0.0203279	0.0369152	0.1216616	-12.23176
6525000000	2.35619449	2.932135143	-10.18752542	-14.55476285	-13.00781014	-7.56404566	0.095774	0.0530367	0.0500287	0.1751296	-10.506478
6525000000	2.35619449	2.879793266	-8.13683889	-11.91819843	-11.6809941	-7.450019814	0.1535734	0.0642954	0.0679048	0.1798863	-9.3399109
6525000000	2.35619449	2.827433388	-6.838432633	-10.89458531	-10.7379968	-7.493664527	0.2070889	0.0813845	0.0843724	0.1780875	-8.9696101
6525000000	2.35619449	2.775073511	-6.273393437	-11.36308147	-11.32079749	-6.234247233	0.2358635	0.073062	0.0737769	0.2379991	-8.0917723
6525000000	2.35619449	2.722713633	-5.870994769	-12.36941731	-12.6919075	-5.462413561	0.258762	0.0579506	0.0593036	0.2834861	-7.8231586
6525000000	2.35619449	2.670353756	-5.549687882	-12.31007327	-12.68964736	-6.163715713	0.2786321	0.0587479	0.0538313	0.2418959	-8.0058268
6525000000	2.35619449	2.617993878	-5.438552314	-10.65873926	-13.48431064	-7.379832483	0.2855483	0.0859263	0.04483	0.1828171	-8.2423317
6525000000	2.35619449	2.565634	-5.649284146	-9.059599797	-12.69375155	-8.285108234	0.272315	0.1241767	0.0537805	0.1484189	-8.2485721
6525000000	2.35619449	2.513274123	-6.323307576	-8.266692263	-10.82457882	-9.230688268	0.2331682	0.1490496	0.082707	0.1193799	-8.3542068
6525000000	2.35619449	2.460914245	-7.23980411	-7.842687323	-9.434440706	-9.773390896	0.1888077	0.1643355	0.1139085	0.1035654	-8.4435463
6525000000	2.35619449	2.408554368	-7.686912152	-7.112112691	-8.395473052	-7.137362528	0.1703369	0.1944414	0.1446947	0.096081	-8.1990709
6525000000	2.35619449	2.35619449	-7.048679759	-6.055135662	-8.036430916	-10.18834146	0.1973022	0.2480198	0.1571654	0.095756	-7.5805312
6525000000	2.35619449	2.303834613	-5.952034826	-5.171389266	-8.107188982	-8.426302084	0.2539782	0.3039912	0.1546255	0.1436712	-6.6945119
6525000000	2.35619449	2.251474735	-5.256200484	-4.							

6525000000	2.35619449	0.157079633	-9.178057959	-5.634977586	-16.80754849	-6.23344087	0.1208354	0.2732136	0.0208567	0.2380433	-7.8718079
6525000000	2.35619449	0.20943951	-9.078925859	-5.65586702	-11.39586644	-5.497442854	0.1236252	0.2719026	0.0725126	0.2820043	-7.2697282
6525000000	2.35619449	0.261799388	-8.984177556	-5.684002	-8.252872882	-5.074620457	0.126352	0.2701468	0.1495246	0.3180408	-6.69148
6525000000	2.35619449	0.314159265	-8.85151005	-5.530801419	-6.628630366	-4.180381272	0.1302714	0.2798465	0.2173386	0.3819107	-5.9801078
6525000000	2.35619449	0.366519143	-8.916364137	-5.246580228	-5.795944282	-2.826686092	0.1283405	0.2987734	0.2632725	0.5215926	-5.185649
6525000000	2.35619449	0.41887902	-9.236020339	-4.83356024	-5.541638413	-1.816916135	0.1192334	0.3285822	0.2791491	0.6581126	-4.6058212
6525000000	2.35619449	0.471123898	-9.25626843	-4.237124179	-5.49220365	-1.68936486	0.1186788	0.3769533	0.2823423	0.6774005	-4.388362
6525000000	2.35619449	0.523598776	-8.051913316	-3.486337595	-4.927180307	-2.033793249	0.1566061	0.448091	0.3215748	0.6260668	-4.1107351
6525000000	2.35619449	0.575958653	-5.986457021	-2.696853867	-4.043763977	-1.269102609	0.2519732	0.537421	0.3941156	0.746603	-3.1647731
6525000000	2.35619449	0.626318531	-4.20667533	-1.969966815	-3.365376122	-0.32989885	0.3796055	0.6353358	0.4607469	1.0789216	-1.9473543
6525000000	2.35619449	0.680678408	-3.1670628	-1.343183482	-2.617273468	-1.192096859	0.4822739	0.7339756	0.5473595	1.31586	-1.1358415
6525000000	2.35619449	0.733038286	-2.82360706	-0.81424605	-1.312986633	-1.316908283	0.5219625	0.8290398	0.7390968	1.354225	-0.6495597
6525000000	2.35619449	0.785398163	-2.967054362	-0.344369151	0.107217164	-1.70841938	0.5005037	0.9237684	1.0249949	1.4819786	-0.0703297
6525000000	2.35619449	0.837758041	-3.312621173	0.175547218	0.843047336	-2.476005986	0.4663778	1.0412493	1.2142406	1.7684818	-0.5022015
6525000000	2.35619449	0.890117919	-3.459214352	0.874680875	0.727471607	-2.666950962	0.4508983	1.2231172	1.182353	1.8479708	0.7043864
6525000000	2.35619449	0.942477796	-3.043866076	1.734637988	0.327141042	-1.916468828	0.4961505	1.4909525	1.0782367	1.554701	0.625858
6525000000	2.35619449	0.994837674	-2.184303804	2.540269196	0.563377618	-1.167081245	0.6047413	1.7948449	1.385124	1.3083024	0.8335935
6525000000	2.35619449	1.004197551	-1.33979952	3.0416608	1.466153181	-1.902431964	0.7345478	2.0144945	1.4015719	1.5496842	-1.5383759
6525000000	2.35619449	1.099557429	-0.811314778	3.137196535	2.086337539	-3.213117942	0.8295996	2.0593002	1.6167161	2.0956164	2.1756502
6525000000	2.35619449	1.151917306	-0.605429002	2.957857589	1.923964197	-3.860608786	0.8698755	1.9759946	1.5573865	2.432545	-3.2727946
6525000000	2.35619449	1.204277184	-0.529134131	2.780330061	1.334456184	-3.880549273	0.8852921	1.8968501	1.3597079	2.4437396	2.1653468
6525000000	2.35619449	1.256637061	-0.382271147	2.73372098	1.12147657	-3.909224999	0.9157415	1.8766017	1.2946359	2.4599286	2.1397622
6525000000	2.35619449	1.308996939	-0.168574981	2.642346031	1.430017814	-4.280525456	0.9619279	1.8765307	1.3899583	2.6794925	2.348278
6525000000	2.35619449	1.361356817	-0.146032469	2.270875273	1.502147218	-4.565869716	0.9669338	1.686893	1.4132361	2.8614553	2.3585037
6525000000	2.35619449	1.413716694	-0.573511126	1.613842306	0.782123569	-4.345044304	0.8762921	1.4050542	1.1973292	2.7195962	1.9335224
6525000000	2.35619449	1.466076572	-1.392305314	0.958020934	-0.538972671	-3.774391152	0.7257206	1.2468152	0.8832888	2.3847295	1.173172
6525000000	2.35619449	1.51843649	-2.146293029	0.582409558	-1.694331764	-3.421877613	0.6100574	1.1435126	0.6796959	2.1983610	0.6345967
6525000000	2.35619449	1.570796327	-2.366712366	0.344246621	-3.22105313	-3.481518828	0.5798675	1.0824919	0.5857192	2.2292146	0.4895555
6525000000	2.35619449	1.623156204	-2.220866877	-0.079996219	-2.95591465	-3.453429404	0.5996714	0.9817488	0.5062964	2.214848	0.316669
6525000000	2.35619449	1.675516082	-2.287197788	-0.692144442	-3.865005191	-2.848820219	0.590582	0.852679	0.4106761	1.9270014	-0.2446038
6525000000	2.35619449	1.72787596	-2.772724211	-1.162026783	-4.96559191	-1.596977743	0.5281139	0.7652394	0.3633658	1.4444342	-1.1053675
6525000000	2.35619449	1.78023837	-3.310113892	-1.32795277	-4.46960684	-0.05876521	0.4666471	0.7365543	0.3591372	0.985599	-1.957013
6525000000	2.35619449	1.834259715	-3.514850721	-1.434675915	-4.813894126	-1.859220544	0.4451588	0.7186748	0.3300734	0.6517454	-2.7050063
6525000000	2.35619449	1.884955592	-3.569380811	-1.679328114	-5.515153285	-3.358587413	0.4396043	0.6793087	0.2808566	0.4614676	-3.3252825
6525000000	2.35619449	1.93731547	-3.83437413	-1.969279351	-6.113813213	-3.399273513	0.4135829	0.6354364	0.2446614	0.4571647	-3.5880477
6525000000	2.35619449	1.986967347	-4.413715255	-2.239151152	-7.247295699	-2.239172213	0.3619332	0.597152	0.1884822	0.5971491	-3.6033511
6525000000	2.35619449	2.042035225	-5.160185219	-2.760444502	-10.54582149	-1.530204773	0.3047765	0.5296092	0.0881897	0.7030392	-3.910424
6525000000	2.35619449	2.094395102	-5.894444574	-3.913741649	-13.58490886	-1.651758714	0.2573686	0.4606933	0.0438035	0.6836347	-4.5876403
6525000000	2.35619449	2.14675498	-6.616901316	-5.665682501	-9.535688875	-2.047107121	0.217791	0.2712887	0.1112836	0.6241504	-5.1409633
6525000000	2.35619449	2.199114858	-7.361539428	-6.984559224	-8.008102747	-2.555297231	0.1835887	0.2002369	0.1581939	0.5552266	-5.6175593
6525000000	2.35619449	2.251474735	-8.016964456	-6.927458291	-9.705239066	-3.45683915	0.1578714	0.202887	0.1070227	0.4511449	-6.387794
6525000000	2.35619449	2.303834613	-8.761094488	-6.457418237	-12.33483536	-4.036942932	0.1330119	0.2260779	0.0584139	0.3973751	-6.9237623
6525000000	2.35619449	2.35619449	-9.983921915	-6.306818937	-11.10273097	-3.899243879	0.1003709	0.2340551	0.0775579	0.4076112	-6.8853588
6525000000	2.35619449	2.40554368	-10.79145191	-6.240941917	-9.54327131	-4.601667364	0.0833403	0.2376325	0.1110907	0.3466038	-7.1070813
6525000000	2.35619449	2.460914245	-9.922670025	-6.006330997	-9.086557032	-6.551636422	0.1017965	0.2508226	0.1234083	0.2127261	-7.5866927
6525000000	2.35619449	2.513274123	-9.135669063	-6.002409466	-9.397994338	-7.083984375	0.1220206	0.2510493	0.1148684	0.1957048	-7.6723053
6525000000	2.35619449	2.565634	-9.323118037	-6.709764167	-11.32326079	-6.566263444	0.116866	0.2133161	0.073735	0.2204823	-8.0659753
6525000000	2.35619449	2.617993878	-9.857933015	-8.008706013	-13.66952074	-7.830285409	0.1033253	0.1581719	0.0429584	0.1648054	-9.3064551
6525000000	2.35619449	2.670353756	-10.32784901	-9.051782068	-12.25782796	-10.44167404	0.0927289	0.1244004	0.0594589	0.0903301	-1.374905
6525000000	2.35619449	2.722713633	-10.86643316	-9.114031328	-11.45333715	-11.45703988	0.0819137	0.1226306	0.0715593	0.0714983	-10.609778
6525000000	2.35619449	2.775073511	-12.01080053	-8.796707869	-12.06114473	-10.43205991	0.062939	0.1319256	0.0622136	0.0905303	-10.609695
6525000000	2.35619449	2.827433388	-14.04810431	-9.025363064	-11.92995042	-9.27991179	0.0393722	0.1251595	0.0641217	0.1180345	-10.621214
6525000000	2.35619449	2.877979326	-15.03006055	-10.21162134	-11.85165794	-9.065433263	0.0314046	0.0952441	0.0652881	0.12401	-11.02446
6525000000	2.35619449	2.932153143	-14.99415627	-12.50459327	-13.29080079	-9.650571813	0.0316654	0.0561747	0.0468805	0.1083784	-12.162769
6525000000	2.35619449	2.984513021	-16.76351177	-15.94200355	-16.46639698	-10.67982589	0.0210692	0.0254566	0.0225611	0.0855101	-14.128589
6525000000	2.35619449	3.036872899	-21.19200728	-19.91241551	-20.60185624	-13.06516361	0.0075997	0.0102037	0.0087059	0.0493723	-17.129219
6525000000	2.35619449	3.089232776	-21.32186827	-22.21985094	-21.31885493	-17.87199039	0.0073759	0.0059981	0.007381	0.016323	-20.32946
6525000000	2.35619449	3.141592654	-17.03597988	-21.74376253	-21.05199222	-19.75045071	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.408554368	3.141592654	-17.03598038	-21.74376267	-21.05199192	-19.75045085	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.408554368	-3.089232776	-15.07631289	-20.09864566	-21.78521381	-15.5836446	0.031072	0.0097754	0.0066295	0.0276462	-17.262867
6525000000	2.408554368	-3.036872899	-13.6652513	-18.92726806	-17.31673113	-11.95053286	0.0430006	0.0128019	0.0185493	0.0638185	-14.616451
6525000000	2.408554368	-2.984513021	-11.88635014	-18.29443714	-14.04861109	-9.130994715	0.0647687	0.01481	0.0393676	0.122152	-12.98659
6525000000	2.408554368	-2.932153143	-9.895948722	-15.07976857	-12.96243449	-7.526284305	0.1024248	0.0310473	0.0505541	0.1767549	-10.448162
6525000000	2.408554368	-2.879793266	-7.940374663	-11.83278692	-11.80977677	-7.327595967	0.1606803	0.0655724	0.0659209	0.1805138	-9.2337106
6525000000	2.408554368	-2.827433388	-6.836669696	-10.61446838	-10.88368755	-7.359308615	0.2071729	0.0868067	0.0815889	0.1836981	-8.5445273
6525000000	2.408554368	-2.775073511	-6.684733539	-11.1511655	-11.6809234	-6.156211072	0.2145491	0.0767156	0.0679059	0.2423392	-8.1285283
6525000000	2.408554368	-2.722713633	-6.892517891	-12.76037814	-13.2196688	-5.426291804	0.2045259	0.0529617	0.0476467	0.2866625	-8.298874
6525000000	2.408554368	-2.670353756	-6.993279463	-14.0253779	-13.73455846	-6.30008282	0.19983				

6525000000	2.408554368	-0.261799388	-4.639416427	-3.522300011	-4.102888321	-8.44976431	0.3436041	0.4443959	0.3887865	0.1428972	-4.8159017
6525000000	2.408554368	-0.20943951	-5.544221271	-4.54390182	-7.24390262	-10.09700721	0.2789831	0.3512447	0.1886296	0.0977911	-6.3985718
6525000000	2.408554368	-0.157079633	-6.570938967	-5.459421745	-12.59229351	-10.1364687	0.220245	0.284484	0.0550517	0.0969065	-7.8470141
6525000000	2.408554368	-0.104719755	-7.742053305	-6.209171144	-18.42841906	-9.218125156	0.1681879	0.2393773	0.0143661	0.1197257	-8.3683406
6525000000	2.408554368	-0.052359878	-9.050387236	-6.712836123	-18.24105391	-8.639639862	0.1244404	0.2131652	0.0149932	0.1367842	-9.1241108
6525000000	2.408554368	-4.44E-16	-10.05033006	-6.832429089	-17.53426559	-8.017967936	0.0988478	0.2037373	0.017643	0.157835	-9.1928233
6525000000	2.408554368	0.052359878	-10.019594	-6.510779326	-18.88729755	-7.665150802	0.0995498	0.2233171	0.0129202	0.1711296	-8.9076934
6525000000	2.408554368	0.104719755	-9.33711761	-6.053737041	-20.84894689	-7.276406776	0.1164899	0.2480997	0.0082244	0.1872231	-8.538432
6525000000	2.408554368	0.157079633	-8.74914969	-5.923933607	-16.85147277	-6.330854141	0.1333783	0.252627	0.0206468	0.2327633	-7.9424408
6525000000	2.408554368	0.20943951	-8.425827125	-6.206886636	-11.548686636	-5.62130788	0.1436869	0.2395031	0.0700059	0.2740749	-7.4036381
6525000000	2.408554368	0.261799388	-8.330852421	-6.52517145	-8.50300523	-5.228743221	0.1468638	0.2225783	0.141156	0.3000031	-6.9325274
6525000000	2.408554368	0.314159265	-8.513446992	-6.480386137	-6.932917637	-4.239932675	0.1408171	0.2248855	0.2026321	0.3767096	-6.2660784
6525000000	2.408554368	0.366519143	-9.103978275	-6.025190497	-6.073636824	-2.695777758	0.1229142	0.2497359	0.2469655	0.5375542	-5.386629
6525000000	2.408554368	0.41887902	-9.991298625	-5.291017661	-5.718636853	-1.588418028	0.1002006	0.2957319	0.2680009	0.6936784	-4.6928436
6525000000	2.408554368	0.471238898	-10.20856406	-4.415464295	-5.515800525	-1.510001455	0.0953111	0.3617875	0.2808148	0.7063173	-4.4242341
6525000000	2.408554368	0.523598776	-8.468407734	-3.517197541	-4.820724697	-2.04309713	0.142285	0.4449183	0.3295547	0.624727	-4.1412068
6525000000	2.408554368	0.575958653	-5.80139209	-2.690819341	-3.891483451	-1.478605341	0.2629425	0.5381682	0.4081799	0.7114419	-3.1859308
6525000000	2.408554368	0.628318531	-3.630544551	-1.981941193	-3.205269191	0.086469163	0.4334565	0.6335864	0.4780497	1.0201098	-1.9293834
6525000000	2.408554368	0.680678408	-2.264341981	-1.371007872	-2.461485471	1.040504163	0.5936983	0.7292882	0.5673505	1.2707216	-1.0222744
6525000000	2.408554368	0.73038286	-1.573371856	-0.814594493	-1.17651259	1.37965501	0.6960859	0.8289733	0.7626736	1.3739328	-0.383813
6525000000	2.408554368	0.785398163	-1.377778977	-0.277520512	0.204268384	1.954951496	0.7281521	0.9380974	1.0481582	1.5685384	0.2968262
6525000000	2.408554368	0.837758041	-1.550486604	0.300373434	0.87413486	2.685718636	0.6997636	1.0716114	1.2229635	1.8559739	0.8370972
6525000000	2.408554368	0.890117919	-1.925452019	0.989877801	0.661456101	2.687152441	0.6418814	1.2559946	1.1645164	1.8565867	0.8981499
6525000000	2.408554368	0.942477796	-2.18244309	1.762444393	0.156733138	1.591798156	0.6050004	1.5005292	1.0367483	1.4427126	0.5927844
6525000000	2.408554368	0.994835674	-2.060814906	2.455369712	0.37049125	0.447955125	0.6221835	1.7600985	1.0890427	1.1086528	0.5880336
6525000000	2.408554368	1.047197551	-1.698777157	2.87419528	1.335262202	1.433782323	0.6762734	1.9382934	1.3599603	1.3911637	1.2756565
6525000000	2.408554368	1.099557429	-1.443196731	2.930150181	2.007715009	3.286112808	0.7172661	1.9634282	1.5877112	1.2311366	2.0408891
6525000000	2.408554368	1.151917306	-1.420475443	2.735328944	1.882549099	4.329351931	0.7210285	1.8772966	1.5426056	2.7097872	2.336761
6525000000	2.408554368	1.204277184	-1.418989296	2.555959815	1.35545993	4.607712494	0.7212753	1.8013412	1.3662998	2.8891577	2.2904631
6525000000	2.408554368	1.256637061	-1.157468143	2.541549186	1.228494377	4.736823489	0.7660431	1.7957309	1.3269344	2.9763387	2.3456094
6525000000	2.408554368	1.308996399	-0.691625571	2.535321171	1.585846782	5.044608024	0.8527809	1.7280111	1.4407369	3.194926	2.6014565
6525000000	2.408554368	1.361356817	-0.411044954	2.284501416	1.651887616	5.177064621	0.9096944	1.692194	1.4628128	3.2938701	2.6473351
6525000000	2.408554368	1.413716694	-0.612537891	1.726228967	0.898927247	4.729999746	0.8684528	1.4880684	1.2299649	2.9716659	2.1472149
6525000000	2.408554368	1.466076572	-1.173018913	1.086422283	-0.454507297	3.822267918	0.763305	1.2842283	0.9006359	2.4111642	1.2705079
6525000000	2.408554368	1.518436449	-1.581630558	0.670726394	-1.630928723	3.103693532	0.6947634	1.1670048	0.6869251	2.0434751	0.5995748
6525000000	2.408554368	1.570796327	-1.48397066	0.42023089	-2.232383806	2.967156	0.7105636	1.1015979	0.5980832	1.9802298	0.4045147
6525000000	2.408554368	1.623156204	-1.165510523	-7.44092E-05	-2.696215055	2.891997088	0.7646258	0.9999829	0.5375	1.9462549	0.2616168
6525000000	2.408554368	1.675516082	-1.131978123	-0.681755437	-3.284319428	2.254135735	0.7705524	0.8547212	0.469427	1.6804035	-0.2513106
6525000000	2.408554368	1.72787596	-1.544426803	-1.291777613	-3.653148682	0.948888815	0.7007407	0.7427153	0.4312063	1.2441962	-1.0806431
6525000000	2.408554368	1.780235837	-1.240946868	-1.483907716	-3.929479352	0.684280378	0.6108088	0.7105739	0.4046244	0.8542244	-1.9041302
6525000000	2.408554368	1.832595715	-2.608442654	-1.466893368	-4.645731785	-2.193721011	0.5484736	0.7133631	0.3431048	0.6034314	-2.5798575
6525000000	2.408554368	1.884955592	-2.974614202	-1.612534485	-5.637383563	-3.018343957	0.5041254	0.6898371	0.2730622	0.4990748	-2.9878457
6525000000	2.408554368	1.93731547	-3.414917512	-1.892720308	-6.496320218	-2.534406435	0.4555208	0.6467374	0.2240628	0.5579038	-3.269272
6525000000	2.408554368	1.989675347	-3.965974167	-2.065323722	-7.967451006	-1.467626391	0.4012385	0.6215379	0.1596816	0.7132482	-3.242902
6525000000	2.408554368	2.042035225	-5.442448631	-2.235802951	-11.427731767	-1.011539492	0.3513623	0.5976125	0.0719893	0.7922205	-3.436179
6525000000	2.408554368	2.094395102	-5.084725389	-2.91795371	-12.280896127	-1.300814067	0.3101183	0.5107456	0.0591345	0.7411713	-3.9222909
6525000000	2.408554368	2.14675498	-5.716474108	-4.522073803	-8.0568637	-1.793887015	0.2681344	0.3530146	0.1362428	0.6616241	-4.5007273
6525000000	2.408554368	2.199114858	-6.652425518	-6.799616933	-8.035787082	-2.471150586	0.2165111	0.208948	0.1571887	0.5660893	-5.1497546
6525000000	2.408554368	2.251474735	-7.859944969	-8.32937561	-10.63329992	-3.677051604	0.1636837	0.1469137	0.0864311	0.4288396	-6.85149294
6525000000	2.408554368	2.303834613	-9.015507386	-8.252593876	-13.0444655	-4.41142239	0.1254438	0.1495342	0.0496082	0.3621244	-5.7628623
6525000000	2.408554368	2.35619449	-9.746919831	-7.57778045	-10.51241497	-3.968150692	0.1060005	0.1746715	0.0888707	0.4010375	-7.1524219
6525000000	2.408554368	2.406854368	-9.430643609	-6.683332821	-8.963351947	-4.264710835	0.1140081	0.2146183	0.1265994	0.3745665	-6.8290255
6525000000	2.408554368	2.460914245	-8.540479046	-5.716052175	-8.951820475	-5.957514548	0.1399433	0.2681605	0.1272969	0.2536568	-7.9049028
6525000000	2.408554368	2.513274123	-8.633428636	-5.300111964	-10.00846295	-6.804636167	0.13698	0.2951133	0.0998053	0.2087067	-7.3247316
6525000000	2.408554368	2.565634	-10.20092222	-5.857600984	-12.81194205	-6.275828763	0.0954774	0.2595613	0.0523366	0.2357312	-7.9377703
6525000000	2.408554368	2.617993878	-12.28102546	-7.216478896	-14.14379719	-6.643208013	0.0591422	0.1898244	0.0385141	0.1661038	-8.9955094
6525000000	2.408554368	2.670353756	-13.43868083	-8.550430245	-11.34362162	-7.792294292	0.0453035	0.139623	0.0733902	0.1662534	-9.7411059
6525000000	2.408554368	2.722713633	-13.88415916	-8.97854842	-10.64194502	-8.761065741	0.0408869	0.1265159	0.0862592	0.1330128	-10.147141
6525000000	2.408554368	2.775073511	-14.58390624	-8.930177158	-11.59526131	-8.889710537	0.0348024	0.1279329	0.0692593	0.1201305	-10.4440022
6525000000	2.408554368	2.827433388	-15.14555303	-9.370739572	-11.86550185	-8.380766896	0.0305805	0.1155915	0.0650803	0.1451855	-10.500761
6525000000	2.408554368	2.879793266	-14.22478562	-10.67990746	-12.017744258	-8.476068838	0.0378026	0.0855085	0.0628428	0.1420343	-10.859371
6525000000	2.408554368	2.932153143	-14.0549597	-12.90741811	-13.55988097	-9.344371965	0.0393101	0.0511986	0.0440567	0.1162955	-10.262271
6525000000	2.408554368	2.984513021	-16.42115626	-16.07902418	-16.7942171	-10.5688161	0.0227974	0.0246659	0.0209208	0.087424	-14.086346
6525000000	2.408554368	3.036872899	-21.62111674	-19.74467766	-20.9300991	-12.97361239	0.0068848	0.0106055	0.0080722	0.0507222	-17.213138
6525000000	2.408554368	3.089232776	-21.49178845	-21.975567711	-21.37647742	-17.7341102	0.0070929	0.0063452	0.0072837	0.0168496	-20.272037
6525000000	2.408554368	3.141592654	-17.03598038	-21.74376267	-21.05199192	-19.75045085	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.460914245	-3.141592654	-17.03598014	-21.74376248	-21.05199218	-19.75045052	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.460914245	-3.08									

6525000000	2.460914245	-0.680678408	0.67535336	-5.265967613	-2.162286872	-6.286358147	1.1682488	0.2974426	0.6078149	0.2351604	-2.3869876
6525000000	2.460914245	-0.628318531	-0.343632959	-4.994911681	-2.447792608	-7.780819645	0.923925	0.3165985	0.5691421	0.1666933	-3.0619419
6525000000	2.460914245	-0.57598653	-1.557509346	-4.404518287	-3.294344846	-6.778082439	0.698633	0.3627005	0.4683446	0.2099867	-3.6159443
6525000000	2.460914245	-0.523598776	-2.65235197	-3.635345423	-4.878670236	-6.653211573	0.5429562	0.4329776	0.3251869	0.216112	-4.2100781
6525000000	2.460914245	-0.471238898	-3.266020223	-2.767483954	-6.07140992	-7.43877219	0.4714091	0.5287515	0.2470922	0.803528	-4.4745176
6525000000	2.460914245	-0.41887902	-3.466147277	-2.079798647	-5.881769011	-7.708565339	0.450179	0.1694698	0.2830239	0.1694898	-4.1959898
6525000000	2.460914245	-0.366519143	-3.68711663	-1.878548137	-3.88089561	-7.221990733	0.4278468	0.6488513	0.4091768	0.1985837	-3.7792627
6525000000	2.460914245	-0.314159265	-4.223886919	-2.269024563	-3.125594348	-6.996640799	0.378104	0.5930585	0.4869009	0.1996806	-3.8254251
6525000000	2.460914245	-0.261799388	-5.051124115	-3.112791286	-4.185441216	-7.844968293	0.312527	0.4883384	0.381466	0.1642492	-4.7282763
6525000000	2.460914245	-0.20943951	-5.996550434	-4.51063024	-7.382349064	-9.471535334	0.2513882	0.3844977	0.1827112	0.1212997	-3.6286001
6525000000	2.460914245	-0.157079633	-6.974407311	-5.179269601	-12.80055017	-9.835974117	0.2007055	0.3034401	0.0524203	0.1038491	-7.8224306
6525000000	2.460914245	-0.104719755	-8.028575815	-6.063468662	-18.41604417	-9.134661728	0.1574499	0.2475444	0.0144011	0.1220489	-8.685062
6525000000	2.460914245	-0.052359878	-9.188749295	-6.663684785	-17.9961918	-8.621103	0.1205383	0.2155914	0.0158628	0.1373693	-9.1242985
6525000000	2.460914245	-4.44E-16	-10.05032979	-6.832429166	-17.53426556	-8.017968027	0.0988478	0.2073753	0.017643	0.157835	-9.1928233
6525000000	2.460914245	0.052359878	-9.934794569	-6.55163328	-19.1093127	-7.687397867	0.1015127	0.2212263	0.0122763	0.1703179	-9.9848216
6525000000	2.460914245	0.104719755	-9.15348452	-6.17697453	-20.95194986	-7.357184591	0.1215211	0.2411585	0.0803017	0.1837729	-8.5817087
6525000000	2.460914245	0.157079633	-8.393161992	-6.201937752	-16.85718693	-6.450053932	0.1447717	0.2397763	0.0206197	0.2264616	-8.0159773
6525000000	2.460914245	0.20943951	-7.913527912	-6.748898152	-11.6835796	-5.750786906	0.1616766	0.2114025	0.0678644	0.2660243	-7.5266603
6525000000	2.460914245	0.261799388	-7.826223339	-7.393141579	-8.72552887	-5.341715377	0.1649596	0.1822577	0.1341049	0.2922998	-7.1353118
6525000000	2.460914245	0.314159265	-8.253731877	-7.472263998	-7.193132488	-4.23365533	0.149495	0.1789673	0.1908476	0.272545	-6.4947847
6525000000	2.460914245	0.366519143	-9.30293584	-6.781855267	-6.28751994	-2.548996199	0.1174104	0.2098043	0.2350975	0.5560328	-5.5348421
6525000000	2.460914245	0.41887902	-10.76500885	-5.669760802	-5.813630108	-1.408302731	0.0838492	0.2710341	0.2622026	0.7230523	-4.7491033
6525000000	2.460914245	0.471238898	-11.2502309	-4.514722347	-1.399484384	-1.399484384	0.0749854	0.3561226	0.2845692	0.724522	-4.4439497
6525000000	2.460914245	0.523598776	-9.132053647	-3.491308511	-4.664287962	-2.062585997	0.1221222	0.4475784	0.341642	0.6219298	-4.1644006
6525000000	2.460914245	0.57598653	-6.106388992	-2.641479109	-2.722516903	-1.610134653	0.24511	0.5443172	0.4243736	0.6902184	-3.9238866
6525000000	2.460914245	0.628318531	-3.702764073	-1.9409551	-3.048708268	-0.103192824	0.4263081	0.6395942	0.4959576	0.976519	-1.9756514
6525000000	2.460914245	0.680678408	-2.086020492	-1.31688643	-2.312208702	0.823587575	0.618583	0.7384334	0.5871906	1.208812	-1.033334
6525000000	2.460914245	0.73038286	-1.068188929	-0.711227206	-1.038367764	1.200846913	0.7819538	0.8489406	0.7873416	1.3185138	-0.2956596
6525000000	2.460914245	0.785398163	-0.50382137	-0.124314214	0.311113309	1.87370902	0.8904671	0.9717814	1.0742648	1.5394688	0.4882835
6525000000	2.460914245	0.837758041	-0.36440312	0.448246687	0.924194031	2.678606225	0.9195168	1.0827271	1.2371416	1.8529369	1.0706765
6525000000	2.460914245	0.890117919	-0.606214514	1.045469024	0.629598627	2.718177072	0.8697182	1.2721751	1.1560054	1.9897871	1.1212455
6525000000	2.460914245	0.942477796	-0.141885046	1.660031391	0.042681724	1.649549095	0.7916104	1.4655584	1.0098763	1.4620254	0.727158
6525000000	2.460914245	0.984837674	-1.26755831	2.187125635	0.247350676	0.597817733	0.7468685	1.6546745	1.0586077	1.1475768	0.614268
6525000000	2.460914245	1.047197551	-1.247563527	2.4699481	1.259487246	1.805516717	0.750315	1.7660167	1.3364377	1.5154851	1.2777311
6525000000	2.460914245	1.099557429	-1.175835062	2.405648022	1.956993783	3.618907017	0.7628102	1.7400623	1.5691678	2.4081897	2.0953044
6525000000	2.460914245	1.151917306	-1.263397694	2.069432917	1.837075095	4.927849687	0.7475844	1.6104353	1.5265376	3.110176	2.4271117
6525000000	2.460914245	1.204277184	-1.396442099	1.737882192	1.32935632	5.17048408	0.7250297	1.4920666	1.358115	3.2888829	2.3452324
6525000000	2.460914245	1.256637061	-1.281685216	1.644792731	1.24238384	5.129258118	0.744443	1.460425	1.3311849	3.2578104	3.0050682
6525000000	2.460914245	1.308996939	-0.87852893	1.686528392	1.627129278	5.189174635	0.618659	1.4475274	1.4544973	3.3030676	2.4606452
6525000000	2.460914245	1.361356817	-0.495210059	1.564387171	1.689965091	5.066959712	0.8922345	1.4336354	1.4756947	3.2114116	2.6484237
6525000000	2.460914245	1.413716694	-0.421223592	1.127622587	0.910783399	4.314606819	0.9075648	1.2964694	1.2334111	2.7006026	1.8597028
6525000000	2.460914245	1.466076572	-0.626604869	0.547006121	-0.47557113	2.988019965	0.8656444	1.1342286	0.8962783	1.989766	0.8686812
6525000000	2.460914245	1.518436449	-0.823890285	0.17838615	-1.668236859	1.884378268	0.8272008	1.0420387	0.6810458	1.5432555	1.0030914
6525000000	2.460914245	1.570796327	-0.83205121	0.060894548	-2.04463654	1.685893953	0.8256479	1.041202	0.6019406	1.474312	-0.0921501
6525000000	2.460914245	1.623156204	-0.795711116	-0.174243446	-2.442863618	1.729816431	0.8325856	0.9606732	0.5697884	1.4892981	-0.1633478
6525000000	2.460914245	1.675516082	-0.985190332	-0.770409142	-2.77466906	1.170217762	0.7970416	0.8374504	0.5334863	1.3092476	-0.6082709
6525000000	2.460914245	1.72787596	-1.500502066	-1.49984724	-3.048914798	-0.071853177	0.7078639	0.7079707	0.495574	0.9835913	-1.4041143
6525000000	2.460914245	1.780235837	-2.164845801	-1.832510425	-3.626837644	-1.466126713	0.6074568	0.6557661	0.4338267	1.7134891	-2.1995489
6525000000	2.460914245	1.832595715	-2.72546506	-1.741763673	-4.735377371	-2.443441179	0.5338921	0.6696126	0.3360951	0.5697127	-2.7791906
6525000000	2.460914245	1.884955592	-3.153541264	-1.688817569	-6.016271044	-2.704924591	0.4837777	0.677826	0.2502493	0.5364232	-3.1240945
6525000000	2.460914245	1.93731547	-3.57732384	-1.780776911	-7.053217647	-2.128198857	0.438801	0.6626624	0.1970964	0.6126044	-3.20762
6525000000	2.460914245	1.98967347	-4.056585597	-1.752551814	-8.723636466	-1.323070266	0.3929538	0.6679513	0.1341641	0.7373827	-3.1595129
6525000000	2.460914245	2.048535225	-4.555248106	-1.538574601	-1.83670186	-1.093693409	0.3503283	0.7016856	0.0655134	0.7773752	-3.2447316
6525000000	2.460914245	2.094395102	-5.040817477	-1.651692092	-10.93661316	-1.460073108	0.3132696	0.6836452	0.0860007	0.7144843	-3.4872203
6525000000	2.460914245	2.14675498	-5.644140887	-2.61019001	-0.849240071	-1.939769703	0.2726377	0.548253	0.1567025	0.6397688	-3.9325277
6525000000	2.460914245	2.199114858	-6.650602361	-4.499770113	-8.25843784	-2.684901234	0.2162419	0.3548322	0.1493331	0.5389021	-5.0192759
6525000000	2.460914245	2.251474735	-8.104670147	-6.815559906	-11.71382745	-4.091840235	0.1547152	0.2081824	0.0673934	0.3897768	-6.8821023
6525000000	2.460914245	2.303834613	-9.397785608	-8.613169273	-13.34437865	-4.874048624	0.1148739	0.1376205	0.046298	0.3255331	-8.0664893
6525000000	2.460914245	2.35619449	-9.729108132	-9.255619236	-10.05219613	-4.052079553	0.1064362	0.1186965	0.0988053	0.3933617	-7.4603594
6525000000	2.460914245	2.408554368	-9.092134687	-8.353862911	-8.734360619	-3.880634076	0.1232499	0.1460877	0.1338332	0.4092009	-6.9230518
6525000000	2.460914245	2.460914245	-8.463236383	-6.600989146	-9.121804254	-5.236910568	0.1424516	0.2182763	0.1224108	0.2994394	-7.0882264
6525000000	2.460914245	2.513274123	-9.107070196	-5.484424923	-10.773272279	-6.576394795	0.1228268	0.2828509	0.0836118	0.2199685	-7.5125577
6525000000	2.460914245	2.565634	-11.68121547	-5.559791976	-14.12818055	-6.373045007	0.0679014	0.2779846	0.0386529	0.230513	-8.3118821
6525000000	2.460914245	2.617993878	-15.54264711	-6.595321209	-13.64254927	-5.969771264	0.0279084	0.219012	0.043226	0.2529431	-8.1874856
6525000000	2.460914245	2.670353756	-17.66789124	-7.837152273	-10.41196483	-6.156732432	0.0171085	0.164545	0.0909502	0.2422851	-8.9034656
6525000000	2.460914245	2.722713633	-17.35698925	-8.462269227	-9.94148355	-7.018009111	0.0183781	0.1424863	0.1013565	0.1987006	-8.3343305
6525000000	2.460914245	2.775073511	-16.29228743	-8.702197996	-11.13668576	-7.852448846	0.023484	0.134828	0.0769718	0.1639665	-10.008148
6525000000	2.460914245	2.827433388	-14.52642915	-9.38							

6525000000	2.513274123	-1.099557429	-0.305948361	1.402497953	0.992662894	-1.433255152	0.9319769	1.3811785	1.2568003	0.7189099	0.3028245
6525000000	2.513274123	-1.047197551	0.204825049	1.080295654	0.089424354	-2.146090048	1.0482926	1.2824179	1.0208042	0.6100859	-0.4018931
6525000000	2.513274123	-0.994837674	0.706624016	0.489948799	-0.51518102	-3.336625536	1.1766909	1.1194247	0.888141	0.4638072	-0.3909778
6525000000	2.513274123	-0.942477796	1.250077155	-0.250086451	-0.091745657	-3.68596101	1.3335451	0.9440421	0.9790964	0.4279607	-0.3566443
6525000000	2.513274123	-0.890117919	1.719332693	-1.20484302	0.609856997	-2.918896122	1.4857073	0.7577321	1.1507625	0.5106348	-0.1045711
6525000000	2.513274123	-0.837758041	1.927416322	-2.520816165	0.5534823	-2.101047416	1.558625	0.5956524	1.1359213	0.6164643	-0.1427665
6525000000	2.513274123	-0.785398163	1.745745961	-4.145335599	-0.461218902	-2.133819585	1.4947708	0.3850051	0.8992452	0.6118121	-0.7175358
6525000000	2.513274123	-0.733038286	1.190253672	-5.558384091	-1.719671457	-3.65362088	1.3153017	0.2780748	0.6730276	0.4311595	-1.7108832
6525000000	2.513274123	-0.680678408	0.394768164	-6.066297391	-2.358321067	-6.649863542	1.0951581	0.2473832	0.580989	0.262786	-2.7168499
6525000000	2.513274123	-0.628318531	-0.516918652	-5.753726962	-2.667274523	-7.879074372	0.8877857	0.2658443	0.5410938	0.1629643	-3.330872
6525000000	2.513274123	-0.575958653	-1.457127273	-5.09910568	-3.546885775	-6.507469894	0.7149691	0.3090932	0.4418872	0.2234874	-3.7431802
6525000000	2.513274123	-0.523598776	-2.292083604	-4.190823814	-5.155647864	-6.238330808	0.589918	0.3809935	0.3050951	0.2377754	-4.2199665
6525000000	2.513274123	-0.471238898	-2.896697929	-3.089966896	-6.319497923	-6.925661959	0.5132515	0.4909116	0.2333728	0.2029709	-4.4354468
6525000000	2.513274123	-0.41887902	-3.318357027	-2.161959246	-5.656595243	-7.181116659	0.4657623	0.6078607	0.271857	0.1913764	-4.1542672
6525000000	2.513274123	-0.366519143	-3.794123005	-1.764236767	-3.98926033	-6.765558331	0.4174339	0.6661566	0.3990929	0.2105931	-3.7333212
6525000000	2.513274123	-0.314159265	-4.528439148	-1.993879725	-3.217099121	-6.561124424	0.3524975	0.6318471	0.4767493	0.2207433	-3.7627601
6525000000	2.513274123	-0.261799388	-5.485752307	-2.727114051	-4.305027093	-7.336799811	0.2827644	0.5336894	0.3711054	0.1846375	-4.6464359
6525000000	2.513274123	-0.20943951	-6.471572352	-3.75569536	-7.559598687	-8.931772296	0.2253423	0.421144	0.1754043	0.1278859	-6.2443855
6525000000	2.513274123	-0.157079633	-7.38890771	-4.880739977	-13.03377886	-9.543623062	0.1824354	0.3250319	0.0497304	0.1110805	-7.7710267
6525000000	2.513274123	-0.104719755	-8.3515934934	-5.902438223	-18.32347085	-9.046374828	0.1473691	0.2568953	0.0147114	0.1245554	-8.6683552
6525000000	2.513274123	-0.052359878	-9.326658509	-6.610304508	-17.73811447	-8.600591136	0.1167708	0.2182577	0.016834	0.1380196	-9.1196838
6525000000	2.513274123	-4.44E-16	-10.05032966	-6.832428957	-17.53426559	-8.017967848	0.0988478	0.2073753	0.017643	0.157835	-9.1928231
6525000000	2.513274123	0.052359878	-9.850595244	-6.59098363	-19.31154269	-7.711291728	0.1035	0.2192308	0.0117178	0.1693834	-8.997742
6525000000	2.513274123	0.104719755	-8.990682205	-6.293720523	-20.94865963	-7.44970165	0.1261629	0.2347621	0.0800377	0.1798994	-8.6259667
6525000000	2.513274123	0.157079633	-8.109645697	-6.457740074	-16.81131404	-6.592341002	0.1545381	0.2260612	0.0208386	0.2191623	-8.0924811
6525000000	2.513274123	0.20943951	-7.534216036	-7.242831857	-11.78378007	-5.884408871	0.1764324	0.1886761	0.0663152	0.287964	-7.6359647
6525000000	2.513274123	-7.472477525	-8.206351005	-8.898161975	-5.406917254	-5.406917254	0.1789585	0.1511349	0.1288795	0.2299442	-5.6167152
6525000000	2.513274123	0.314159265	-8.094618996	-8.398290616	-7.382645518	-4.166154511	0.1550737	0.1446009	0.1826987	0.3831639	-6.6477429
6525000000	2.513274123	0.366519143	-9.48832453	-7.420543688	-6.414231626	-2.399494614	0.1125039	0.1811113	0.2283373	0.5755069	-5.6167152
6525000000	2.513274123	0.41887902	-11.29027803	-5.939638937	-5.318380349	-1.278827474	0.0742972	0.2547042	0.2621921	0.7449331	-4.762124
6525000000	2.513274123	0.471238898	-11.7408726	-4.576820566	-5.319425374	-1.348960779	0.066975	0.3485924	0.2938038	0.7329999	-4.4298462
6525000000	2.513274123	0.523598776	-9.500635813	-3.507392931	-4.462400961	-2.074292277	0.1121854	0.4459239	0.3578985	0.6202556	-4.155043
6525000000	2.513274123	0.575958653	-6.554713152	-2.689059295	-3.54752396	-1.628556037	0.2210694	0.5383864	0.4425117	0.6872969	-3.2577624
6525000000	2.513274123	0.628318531	-4.18826464	-2.006146628	-2.904873574	-0.203536056	0.3812181	0.630065	0.5122862	0.9542153	-2.0799644
6525000000	2.513274123	0.680678408	-2.483722812	-1.332727547	-2.190693741	0.561407561	0.5644529	0.7357449	0.6038522	1.1379961	-1.1889421
6525000000	2.513274123	0.730382806	-1.258264253	-0.629422315	-0.927874449	0.811192712	0.7484686	0.8565083	0.8076302	1.2053669	-4.4256648
6525000000	2.513274123	0.785398163	-0.422621022	0.043573423	0.0401985363	1.572752934	0.9072728	1.0100837	1.0969796	1.4363907	0.4637094
6525000000	2.513274123	0.837758041	-0.011792041	0.654453217	0.98085487	2.616981676	0.9972885	1.1626402	1.2533879	1.8268301	1.1728345
6525000000	2.513274123	0.890117919	-0.017582165	1.248125802	0.641909756	2.915283512	0.9955997	1.3329461	1.159287	1.9567185	1.3393082
6525000000	2.513274123	0.942477796	-0.250307577	1.846980723	0.629350119	2.155551696	0.943994	1.5300234	1.00553	1.6426883	1.0739957
6525000000	2.513274123	0.994837674	-0.412475099	2.368613461	0.24194045	1.383296747	0.909389	1.725287	1.0572898	1.3750854	1.026958
6525000000	2.513274123	1.047197551	-0.382992381	2.65226812	1.270646598	2.460931795	0.9155894	1.8417336	1.3398762	1.7623541	1.6580452
6525000000	2.513274123	1.099557429	-0.336874446	2.570796315	1.95335095	4.251337482	0.9253639	1.8070555	1.5679604	2.6615446	2.4069738
6525000000	2.513274123	1.151917306	-0.462221946	2.16732175	1.962474763	5.216428804	0.8990375	1.647264	1.514424	3.3238612	2.626662
6525000000	2.513274123	1.204277184	-0.684959855	1.710193591	1.26376126	5.290389801	0.8540907	1.4825842	1.3385593	3.8909518	2.4651003
6525000000	2.513274123	1.256637061	-0.754398755	1.498632407	1.169828746	5.004934985	0.8405434	1.4120928	1.3091303	3.1658731	2.2650272
6525000000	2.513274123	1.308996939	-0.579721448	1.521373298	1.559668511	4.801277247	0.8750399	1.4195063	1.4320786	3.02084	2.2708064
6525000000	2.513274123	1.361356817	-0.350908345	1.47914305	1.623889117	4.4412581	0.9223785	1.4057701	1.4534126	2.7805186	2.1498152
6525000000	2.513274123	1.413716694	-0.304988257	1.147940139	0.833102793	3.413323294	0.932183	1.3025488	1.2114632	2.1944835	1.4927137
6525000000	2.513274123	1.466076572	-0.486531876	0.626590795	-0.574605913	1.7393769	0.8940191	1.1552051	0.8760712	1.4925802	0.431353
6525000000	2.513274123	1.518436449	-0.755932796	0.279647437	-1.764233019	0.475802306	0.8402465	1.0665095	0.6661572	1.1157843	-0.3518695
6525000000	2.513274123	1.570796327	-1.00990746	0.250018098	-2.202621542	0.561812829	0.7925182	1.0592581	0.602196	1.1381023	-0.4671465
6525000000	2.513274123	1.623156204	-1.314738313	0.184466365	-2.217218986	0.937160115	0.7387988	1.0433899	0.6001753	1.2408406	-0.4296713
6525000000	2.513274123	1.675516082	-1.800529532	-0.29856257	-2.59862747	0.575251034	0.6606129	0.9335632	0.5894049	1.1416293	-0.8202487
6525000000	2.513274123	1.72787596	-2.469015278	-1.143111538	-2.680040002	-0.484536884	0.5663677	0.7685796	0.5395057	0.9944299	-1.5975541
6525000000	2.513274123	1.780235837	-3.103975698	-1.791504414	-3.599396653	-1.598156331	0.4893307	0.6619871	0.4365765	0.6921247	-4.0412152
6525000000	2.513274123	1.832595715	-3.486972942	-1.902482169	-5.097703731	-2.337347589	0.4480255	0.6452853	0.309193	0.5838015	-3.0401399
6525000000	2.513274123	1.884955592	-3.708021371	-1.889142434	-6.593400697	-2.711969195	0.4257924	0.6477204	0.2191068	0.5355538	-3.4014952
6525000000	2.513274123	1.93731547	-4.048771596	-2.077762347	-6.751790794	-2.590935307	0.3936614	0.6179603	0.17172	0.5560891	-3.6255259
6525000000	2.513274123	1.989675347	-4.666334661	-2.178815273	-9.297505536	-2.143871275	0.341481	0.605506	0.1175573	0.6103977	-3.7806023
6525000000	2.513274123	2.042035225	-5.469263843	-1.833658343	-11.5450113	-1.968300825	0.28384	0.6555928	0.0700646	0.6355796	-3.8587376
6525000000	2.513274123	2.094395102	-6.236558449	-1.486867539	-9.722368778	-2.132412588	0.2378725	0.7100898	0.106601	0.6120103	-3.8023551
6525000000	2.513274123	2.14675498	-6.926999172	-1.82480727	-7.590375254	-2.358758284	0.2029084	0.6569303	0.1741656	0.5809269	-3.9305956
6525000000	2.513274123	2.199114858	-7.765978784	-3.031174775	-8.473036708	-3.028496469	0.1672639	0.4976025	0.1421335	0.4979094	-4.8647969
6525000000	2.513274123	2.251474735	-8.779883395	-4.800673197	-12.40054888	-4.490196259	0.1324377	0.3140798	0.0575367	0.3565162	-5.6922441
6525000000	2.513274123	2.303834613	-9.444756648	-6.689979256	-13.03856486	-5.209937355	0.1136382	0.2142991	0.0496756	0.3013049	-7.7024851
6525000000	2.513274123	2.35619449	-9.465417276	-8.528804905	-9.856115507	-4.119325669	0.1130989	0.14032	0.1033806	0.3873178	-7.3041866
6525000000	2.513274123	2.408554368									

6525000000	2.565634	-1.518436449	-0.00108791	-2.40855943	-1.733134045	-4.268687715	0.9997495	0.5743069	0.6709445	0.3742236	-1.8388725
6525000000	2.565634	-1.466076572	0.753659683	-1.449245022	-0.551745097	-3.470763434	1.1895042	0.7162679	0.8806949	0.4497008	-0.9202896
6525000000	2.565634	-1.413716694	1.324148126	-0.641058021	0.082059246	-2.571436529	1.3564844	0.8627683	1.0190745	0.5531671	-0.2324958
6525000000	2.565634	-1.361356817	1.474787618	-0.157059211	-0.234548365	-2.322818417	1.403461	0.9648419	0.9474257	0.5857597	-0.1076978
6525000000	2.565634	-1.308996939	1.26697302	0.194670626	-0.905443208	-2.840725563	1.3387433	1.0548444	0.8118124	0.5199091	-0.3194815
6525000000	2.565634	-1.256637061	0.994785702	0.689409341	-0.754063552	-3.332229923	1.2571418	1.1720306	0.8406082	0.4642768	-0.2984662
6525000000	2.565634	-1.204277184	0.912124349	1.306885115	0.296295499	-2.851878044	1.2337082	1.3511032	1.1706057	0.5185757	-0.189417
6525000000	2.565634	-1.151917306	0.971185984	1.739880315	1.122911465	-1.89646621	1.2506005	1.4927533	1.2950637	0.6461798	0.6861227
6525000000	2.565634	-1.09557429	0.948579682	1.731561304	0.987160159	-1.642131129	1.2441077	1.4898966	1.2552089	0.6851519	0.6766264
6525000000	2.565634	-1.047197551	0.796659685	1.266093507	0.112390396	-2.498778996	1.2013401	1.3384722	1.0262166	0.5624994	0.1373528
6525000000	2.565634	-0.994837674	0.744107968	0.529880782	-0.445501981	-3.799701411	1.1868909	1.1297649	0.9025054	0.416898	-0.4142904
6525000000	2.565634	-0.942477796	0.990532594	-0.277425172	-0.000437759	-4.056412602	1.256184	0.938118	0.9998992	0.3929694	-0.4730795
6525000000	2.565634	-0.890117919	1.389674798	-1.134253566	0.663366872	-3.152710624	1.3771063	0.7701488	1.1650289	0.4838703	-0.2271614
6525000000	2.565634	-0.837758041	1.594839123	-2.166411931	0.52558295	-2.29733481	1.4437231	0.6072378	1.1286474	0.5892051	-0.2585535
6525000000	2.565634	-0.785398163	1.376632523	-3.423241977	-0.58708377	-2.341025687	1.372977	0.4546485	0.8735578	0.5833073	-0.8559197
6525000000	2.565634	-0.733038286	0.765239373	-4.661550478	-1.920201525	-3.888374996	1.19268	0.3418574	0.6426579	0.4084722	-1.8948732
6525000000	2.565634	-0.680678408	-0.010139124	-5.435580873	-2.584405203	-6.8233565	0.9976681	0.28605	0.5515177	0.207809	-2.918721
6525000000	2.565634	-0.628318531	-0.743037625	-5.639196573	-2.898575258	-7.592029984	0.8427451	0.2729483	0.5130297	0.1740993	-3.4610706
6525000000	2.565634	-0.575958653	-1.394862595	-5.457397352	-3.793585359	-5.991130768	0.7252934	0.2846166	0.4174856	0.2517021	-3.7698401
6525000000	2.565634	-0.523598776	-2.007248384	-4.769729799	-5.417037369	-6.65283871	0.6299052	0.3334472	0.287724	0.2720922	-4.1944037
6525000000	2.565634	-0.471238898	-2.599438162	-3.562685099	-6.546115327	-6.321288781	0.549612	0.4402826	0.2215075	0.2332766	-4.4228874
6525000000	2.565634	-0.41887902	-3.191435437	-2.393299091	-5.817111683	-6.669500038	0.4795749	0.5763285	0.2619925	0.215303	-4.1646151
6525000000	2.565634	-0.366519143	-3.888617044	-1.764752177	-4.107852471	-6.368865378	0.4084494	0.6660775	0.3883423	0.230735	-3.7324804
6525000000	2.565634	-0.314159265	-4.814626455	-1.798321107	-3.337242758	-6.194191291	0.3300178	0.6609489	0.4637412	0.2402044	-3.7291276
6525000000	2.565634	-0.261799388	-5.908005454	-2.39229714	-4.462166761	-6.914178518	0.2565662	0.5764615	0.3579178	0.2035083	-4.5765586
6525000000	2.565634	-0.20943951	-6.939341576	-3.382398294	-7.775153361	-8.471938152	0.2023326	0.4589445	0.1669109	0.1421694	-6.1512827
6525000000	2.565634	-0.157079633	-7.795495752	-4.578405535	-13.27182456	-9.266903679	0.1661309	0.3484652	0.407078	0.1183885	-6.9951189
6525000000	2.565634	-0.104719755	-8.596480898	-5.730446497	-18.15125764	-8.955035468	0.1381503	0.2672732	0.0153064	0.1272027	-8.633328
6525000000	2.565634	-0.052359878	-9.462730817	-6.55316875	-17.47079467	-8.578265476	0.1131689	0.2211481	0.0179028	0.138731	-9.1102214
6525000000	2.565634	-4.44E-16	-10.05033022	-6.83242928	-17.54264541	-8.017968232	0.0988478	0.2073753	0.017643	0.1578349	-9.1928235
6525000000	2.565634	0.052359878	-9.767236427	-6.628674543	-19.48966673	-7.736638854	0.1055058	0.2173364	0.0112469	0.1683797	-9.009353
6525000000	2.565634	0.104719755	-8.849114004	-6.402584962	-20.8322749	-7.553739708	0.1304343	0.2289505	0.0082561	0.1706411	-8.6710757
6525000000	2.565634	0.157079633	-7.895900886	-6.683461546	-16.70384227	-6.759186765	0.1623342	0.2146119	0.0213607	0.2159223	-8.1729361
6525000000	2.565634	0.20943951	-7.278896599	-7.656235142	-11.83445671	-6.0224992	0.1871157	0.1715444	0.0655472	0.2498907	-7.7333692
6525000000	2.565634	0.261799388	-7.266593747	-8.881725117	-9.001034721	-5.424745283	0.1876466	0.1293682	0.1258626	0.2867646	-7.3895024
6525000000	2.565634	0.314159265	-8.053386801	-9.153318267	-7.47928393	-4.0492852	0.156553	0.1215257	0.1786782	0.3961649	-6.7245116
6525000000	2.565634	0.366519143	-9.662610307	-7.892637905	-6.436576983	-2.2567591	0.1080784	0.1624562	0.2271655	0.5947358	-5.6366404
6525000000	2.565634	0.41887902	-6.124720072	-5.710581544	-1.19270755	-4.736638854	0.0731852	0.2440776	0.2684985	0.7598524	-4.7313959
6525000000	2.565634	0.471238898	-11.11984901	-4.654051684	-5.096438238	-1.335316977	0.0772707	0.3424482	0.3092831	0.7353063	-4.3642746
6525000000	2.565634	0.523598776	-8.920317918	-3.617335136	-4.209243405	-2.053168613	0.1282237	0.3447769	0.3793811	0.6232799	-4.0736209
6525000000	2.565634	0.575958653	-6.525211906	-2.876550215	-3.337835068	-1.524133585	0.2225762	0.5156381	0.463678	0.7040227	-3.2195647
6525000000	2.565634	0.628318531	-4.587553808	-2.214295242	-2.770248838	-0.179643634	0.347732	0.6005795	0.528415	0.9547884	-2.1534613
6525000000	2.565634	0.680678408	-3.096630345	-1.467660017	-2.108200124	0.354846568	0.490159	0.7132372	0.6154319	1.0851372	-1.3906857
6525000000	2.565634	0.733038286	-1.900438994	-0.654276508	-0.870505649	0.383118318	0.645589	0.8601463	0.8183695	0.1922243	-0.8650029
6525000000	2.565634	0.785398163	-0.960552493	0.105377217	0.449540935	1.25755461	0.8015761	1.0245608	1.1090576	1.3358341	0.28734
6525000000	2.565634	0.837758041	-0.355428087	0.779806808	0.123390981	2.6391124978	0.9214191	1.1966873	1.2657242	1.6381684	1.1561042
6525000000	2.565634	0.890117919	-0.098185331	1.442978878	0.688643674	3.253776355	0.9776456	1.3941127	1.1718293	2.1153276	1.506732
6525000000	2.565634	0.942477796	-0.022550592	2.129682203	0.096973238	2.780900399	0.994821	1.6329325	1.023216	1.8797092	1.4208183
6525000000	2.565634	0.994837674	0.098809005	2.73889141	0.34790934	2.080052579	1.0230124	1.7888372	1.0834052	1.6143781	1.4609951
6525000000	2.565634	1.047197551	0.2904703	3.088589883	1.356471196	2.75171784	1.0691707	2.0363808	1.3666179	1.8843943	2.0116241
6525000000	2.565634	1.099557429	0.369748714	3.055105797	1.990161952	4.18276245	1.0888671	2.0207407	1.581307	2.6198489	2.6190275
6525000000	2.565634	1.151917306	0.230934654	2.694520614	1.781451376	4.954767752	1.0546138	1.8597393	1.5071066	3.1295313	2.7594351
6525000000	2.565634	1.204277184	0.013323237	2.266568095	1.180590188	4.75089188	1.0030746	1.6852208	1.3123783	3.0726205	4.4756173
6525000000	2.565634	1.256637061	-0.040612902	2.058155729	1.032238654	4.447671694	0.9906921	1.606259	1.2683055	2.7846279	2.2075411
6525000000	2.565634	1.308996939	0.090867472	2.085050431	1.405586265	4.156701575	1.0211434	1.616237	1.382161	2.604175	2.1904173
6525000000	2.565634	1.361356817	0.172276076	2.089415796	1.478356677	3.749625142	1.0404653	1.6178624	1.4047003	2.371169	2.0643437
6525000000	2.565634	1.413716694	0.006678313	1.852686857	0.693909494	2.675169873	1.0015389	1.532035	1.173251	1.8514713	1.428817
6525000000	2.565634	1.466076572	-0.371005097	1.433748653	-0.706863444	1.052119218	0.9181201	1.3911529	0.849794	1.2741247	0.4465651
6525000000	2.565634	1.518436449	-0.769228941	1.141219886	-1.860151759	0.185093295	0.837678	1.3095683	0.6516056	1.4035405	-0.184805
6525000000	2.565634	1.570796327	-1.085493827	1.138179069	-2.186231855	0.745931266	0.7788442	1.2996246	0.6044729	1.1873893	-0.1431189
6525000000	2.565634	1.623156204	-1.428563141	1.139467288	-2.040673204	1.335306233	0.719687	1.3000101	0.6250824	1.3599741	0.0051581
6525000000	2.565634	1.675516082	-1.965479894	0.758239285	-0.945951041	1.078165081	0.6359925	1.1907592	0.6241729	1.2817889	-0.3003534
6525000000	2.565634	1.72787596	-2.662944424	-0.037092548	-2.591577545	0.126726389	0.5416335	0.9914955	0.5506077	1.0296097	-1.0883254
6525000000	2.565634	1.778203837	-3.228677733	-0.79416946	-3.865350194	-0.921969082	0.47548	0.8328812	0.4106435	0.8087291	-1.9932865
6525000000	2.565634	1.832595715	-3.476096375	-1.102973855	-5.695058878	-1.820711249	0.4491489	0.7757158	0.2694599	0.6575501	-2.6923401
6525000000	2.565634	1.884955592	-3.609330294	-1.282034636	-7.228836169	-2.768205651	0.435579	0.7443832	0.1892851	0.5286636	-3.278417
6525000000	2.565634	1.93731547	-3.978355819	-1.828567172	-8.104765976	-3.558198607	0.4000962	0.6563618	0.1547118	0.4407376	-3.8407429
6525000000	2.565634	1.989675347	-4.770587549	-2.609994284	-9.519258399	-6.356607043	0.3333813	0.5482777	0.117054	0.4309167	-4.4846429
6525000000	2.565634	2.042035225	-5.852635534	-2.815160							

6525000000	2.617993878	-1.93731547	-2.97527801	-7.26931717	-6.745993215	-6.464867559	0.5040484	0.1875289	0.211544	0.2256905	-5.4943847
6525000000	2.617993878	-1.884955592	-2.812919877	-6.17540662	-6.59241258	-6.422597992	0.5234825	0.2412456	0.2191587	0.2278978	-5.1871842
6525000000	2.617993878	-1.832595715	-2.353666325	-5.247493103	-5.877712417	-6.282870757	0.581612	0.2987106	0.2583621	0.2353493	-4.640625
6525000000	2.617993878	-1.780235837	-1.404555233	-4.295122563	-4.941923874	-5.30158747	0.7236765	0.3719527	0.3204849	0.2950131	-3.6877769
6525000000	2.617993878	-1.7287596	-0.345254315	-3.33750507	-3.808633383	-3.954634138	0.9235801	0.4631732	0.1460415	0.4022875	-2.5852883
6525000000	2.617993878	-1.675516082	0.390366503	-2.651534232	-2.920991714	-3.255451175	1.0904487	0.5430585	0.5094374	0.4725577	-1.8390753
6525000000	2.617993878	-1.623156204	0.746301275	-2.338190682	-2.702640735	-3.426146065	1.1874905	0.5836882	0.5367054	0.4543446	-1.6080036
6525000000	2.617993878	-1.570796327	0.992383178	-2.176304669	-2.681088965	-3.821649961	1.2567194	0.6058562	0.5393754	0.4147964	-1.523121
6525000000	2.617993878	-1.518464449	1.428489857	-1.753938823	-2.038910827	-3.651359912	1.3894694	0.667738	0.6253295	0.431384	-1.0875241
6525000000	2.617993878	-1.466076572	2.046073158	-0.978118389	-0.908219369	-2.845277006	1.6017964	0.7983405	0.8112936	0.5193645	-0.302586
6525000000	2.617993878	-1.413716694	2.548536807	-0.242041613	-0.236043435	-1.985776309	1.798265	0.9457924	0.9470996	0.6330272	0.3384419
6525000000	2.617993878	-1.361356817	2.709363505	0.213254421	-0.46547372	-1.792859406	1.8661062	1.0503292	0.8983646	0.6617806	0.4888642
6525000000	2.617993878	-1.30896939	2.585797665	0.569944973	-1.020817724	-2.348813817	1.8137598	1.1402353	0.7905528	0.5822622	0.3410554
6525000000	2.617993878	-1.256637061	2.425510951	1.115643148	-0.78593929	-2.86868005	1.7480389	1.2928982	0.8344506	0.5165733	0.4059848
6525000000	2.617993878	-1.204277184	2.374921132	1.811294905	0.281370424	-2.480680762	1.7277946	1.5175028	1.0669327	0.5648484	0.8609976
6525000000	2.617993878	-1.151917306	2.307939085	2.30896827	1.100353964	-1.678838012	1.701351	1.7017542	1.2883546	0.6793854	1.2798263
6525000000	2.617993878	-1.095557429	2.009667477	2.329452055	0.961676549	-1.012053882	1.5884251	1.7097996	1.2478651	0.6899135	1.1693992
6525000000	2.617993878	-1.047197551	1.475353828	1.86588705	1.04788531	-2.692481721	1.4045441	1.5366986	1.0244219	0.5379623	0.5150242
6525000000	2.617993878	-0.994837764	0.998680758	1.142295293	-0.416008203	-4.117376322	1.2585431	1.3008569	0.9086554	0.3874917	-0.1597399
6525000000	2.617993878	-0.942477996	0.885231893	0.415693183	0.043084266	-4.209801936	1.2260924	1.1004475	0.1099699	0.3793232	-0.3020075
6525000000	2.617993878	-0.890117919	1.040379692	-0.256833469	0.671235886	-3.194905755	1.2706852	0.9425766	1.1671417	0.4791919	-0.1551822
6525000000	2.617993878	-0.837758041	1.081700709	-1.037775147	0.462916822	-2.399990317	1.2828328	0.7874491	1.1124786	0.5754412	-0.270799
6525000000	2.617993878	-0.785398163	0.761693411	-2.074602712	-0.732585529	-2.50030146	1.1917066	0.6202114	0.8447758	0.5957337	-0.9468353
6525000000	2.617993878	-0.733038286	0.140473361	-3.253599638	-2.129070656	-4.057226451	1.032874	0.4727593	0.6124814	0.3928958	-0.20221147
6525000000	2.617993878	-0.680678408	-0.515175771	-4.241973685	-6.720822067	-6.720822067	0.888142	0.3765324	0.5235253	0.2127736	-0.30081868
6525000000	2.617993878	-0.628318531	-1.011582544	-4.926785746	-3.110149798	-7.030430366	0.7922126	0.321604	0.4886355	0.1981372	-3.4646533
6525000000	2.617993878	-0.575958653	-1.401550773	-5.409666068	-3.995797888	-5.403401663	0.7241773	0.287762	0.3984926	0.2881773	-3.7196562
6525000000	2.617993878	-0.523598776	-1.840636252	-5.295680009	-5.618907632	-5.061603733	0.6545403	0.2954146	0.2742264	0.3117738	-4.1568147
6525000000	2.617993878	-0.471238898	-2.407850326	-4.179895787	-6.71171048	-5.742255176	0.5744007	0.3819534	0.2132205	0.2665474	-4.4486864
6525000000	2.617993878	-0.41887902	-3.105132612	-2.786036432	-5.939634321	-6.209882314	0.4892003	0.5264976	0.2547039	0.2393381	-4.231578
6525000000	2.617993878	-0.366519143	-3.968318777	-1.894468997	-4.228956348	-6.030803301	0.4010219	0.646477	0.3776612	0.2943133	-3.7815578
6525000000	2.617993878	-0.314159265	-5.059773167	-1.699417183	-3.485110416	-5.887716247	0.3119052	0.6761737	0.4482177	0.2577676	-3.7313012
6525000000	2.617993878	-0.261799388	-6.282769788	-2.127985574	-4.657111095	-6.565132323	0.2353548	0.6126345	0.342207	0.2204889	-4.526299
6525000000	2.617993878	-0.20943951	-7.365451731	-3.050072836	-8.027611434	-8.085198399	0.1834234	0.4954419	0.1574849	0.1554104	-0.60565313
6525000000	2.617993878	-0.157079633	-8.172240522	-4.285268779	-13.50976918	-9.01076901	0.1523267	0.3727976	0.044568	0.1255808	-7.5990461
6525000000	2.617993878	-0.104719755	-8.861916874	-5.552188275	-17.90533222	-8.862270571	0.1299596	0.2784718	0.0161982	0.129949	-8.5809692
6525000000	2.617993878	-0.052359878	-9.595577631	-6.492851748	-17.19796499	-8.554296238	0.1097595	0.2242409	0.0190635	0.1394988	-9.0959844
6525000000	2.617993878	-4.44E-16	-10.05033005	-6.832429302	-17.53426539	-8.017968247	0.0988478	0.2027353	0.017643	0.1578349	-9.1928235
6525000000	2.617993878	0.052359878	-9.684855637	-6.664601382	-19.69363122	-7.763216817	0.1075262	0.2155495	0.0108652	0.1673703	-9.0195568
6525000000	2.617993878	0.104719755	-8.728106231	-6.502973688	-20.60613378	-7.668783466	0.1340261	0.2237189	0.0086973	0.1710494	-8.716881
6525000000	2.617993878	0.157079633	-7.747196688	-6.87586114	-16.53010618	-6.952183255	0.1679888	0.2053118	0.0222326	0.2017352	-8.258905
6525000000	2.617993878	0.20943951	-7.136968493	-7.972502212	-16.124530162	-6.167244483	0.1933317	0.159496	0.0656971	0.2416994	-7.8236851
6525000000	2.617993878	0.261799388	-7.200605604	-9.365569025	-9.02110158	-5.402005372	0.1905195	0.1157292	0.1252823	0.28827	-7.4484749
6525000000	2.617993878	0.314159265	-8.139405374	-9.678627825	-7.471257233	-3.898229344	0.1534827	0.1076805	0.1790088	0.4075464	-6.7380838
6525000000	2.617993878	0.366519143	-9.85499856	-8.204870156	-6.349472828	-2.126027827	0.1033951	0.151865	0.2317676	0.6129107	-6.9059595
6525000000	2.617993878	0.41887902	-11.02745128	-6.254486546	-5.504546134	-1.137259321	0.0789323	0.2316892	0.2814818	0.769616	-4.6631605
6525000000	2.617993878	0.471238898	-9.792877445	-4.739700199	-4.79094752	-1.329639581	0.1048847	0.3357608	0.3318221	0.7362682	-4.234468
6525000000	2.617993878	0.523598776	-7.567201704	-3.753776453	-3.900261138	-1.979500919	0.1570595	0.42113	0.4073558	0.6339426	-3.8781881
6525000000	2.617993878	0.575958653	-7.725214474	-3.079339017	-3.137838974	-1.317838974	0.2675953	0.4921144	0.4893021	0.7382715	-3.038002
6525000000	2.617993878	0.628318531	-4.41004778	-2.423642163	-2.636522064	-0.016718102	0.362239	0.5723159	0.5449389	0.9961579	-2.0837045
6525000000	2.617993878	0.680678408	-3.447724479	-1.629048171	-2.068014431	0.337801949	0.4520928	0.687219	0.621153	1.0808686	-1.4535503
6525000000	2.617993878	0.733038286	-2.609278906	-0.782061476	-0.883279695	0.170892733	0.548368	0.8352065	0.8159659	1.040134	-0.9155863
6525000000	2.617993878	0.785398163	-1.798519738	-0.02456461	-0.430205863	1.131086987	0.6609187	0.9943391	1.1045887	1.297504	0.0618257
6525000000	2.617993878	0.837758041	-1.109133894	0.644657574	1.030288453	2.768928214	0.7746163	1.1599695	1.2677361	1.8918767	1.0501587
6525000000	2.617993878	0.890117919	-0.631926524	1.326156093	0.746650111	3.584122449	0.8645843	1.3571117	1.1875585	2.2825077	1.5318884
6525000000	2.617993878	0.942477796	-0.286729432	2.04712223	0.235583535	3.212049256	0.9361104	1.6021834	1.0557433	2.099447	1.5338182
6525000000	2.617993878	0.994837674	0.085985362	2.67928167	0.501266745	2.340090264	1.0199962	1.8532251	1.1272407	1.7139929	1.5941482
6525000000	2.617993878	1.047197551	0.463580659	3.031496452	1.48158177	2.4351668	1.1126487	2.0097852	1.4065597	1.7519297	1.959635
6525000000	2.617993878	1.09557429	0.648884216	2.999270391	2.048679294	3.464221404	1.1611503	1.9949271	1.6027579	2.2022356	2.4174496
6525000000	2.617993878	1.151917306	0.568326226	2.662708169	1.732930383	4.082163525	1.1398104	1.8461663	1.5042822	2.5598608	2.461365
6525000000	2.617993878	1.204277184	0.420426305	2.281055988	1.091414757	3.975233344	1.1016474	1.690852	1.2857054	2.4976026	2.158891
6525000000	2.617993878	1.256637061	0.482513342	2.114502402	0.864356398	3.680836588	1.1175098	1.6272349	1.220213	2.3339076	1.9720232
6525000000	2.617993878	1.30896939	0.733072816	2.167400587	1.203647548	3.665156862	1.1838789	1.6471762	1.3193644	2.3254965	2.0924121
6525000000	2.617993878	1.361356817	0.85320447	2.200918997	1.284238972	3.534976895	1.2170837	1.6599381	1.3440761	2.256824	2.3935752
6525000000	2.617993878	1.413716694	0.62044185	2.013404234	0.535135246	2.758987693	1.1535706	1.5897924	1.1311326	1.4852513	1.585168
6525000000	2.617993878	1.466076572	0.146676572	1.656077524	1.6224029789	1.6224029789	1.0312889	1.4642248	0.8277459	1.2579439	1.7026727
6525000000	2.617993878	1.518436449	-0.301720664	1.408337472	-1.901309542	1.282953904	0.9328846	1.3830368	0.6454596	1.3436786	0.3191918
6525000000	2.617993878	1.5707963									

6525000000	2.670353756	-2.35619449	-4.866619323	-7.217505542	-12.05320841	-7.29474945	0.3260904	0.1897796	0.0623274	0.186434	-7.1860786
6525000000	2.670353756	-2.303834613	-3.716916127	-7.470371207	-11.10105732	-5.89299255	0.4249212	0.1790453	0.0776058	0.2574547	-6.2938194
6525000000	2.670353756	-2.251474735	-2.897793158	-8.464681917	-10.40364463	-5.080470015	0.5131221	0.1424072	0.0911246	0.3104224	-5.7795372
6525000000	2.670353756	-2.199114858	-2.766642562	-9.704851553	-10.09595624	-5.187963684	0.5288539	0.1070323	0.0978148	0.3020883	-5.8643613
6525000000	2.670353756	-2.14675498	-3.215304794	-10.55358086	-9.302884516	-5.68339273	0.4769463	0.0880323	0.1174117	0.270188	-6.2315928
6525000000	2.670353756	-2.094395102	-3.609976215	-10.62707295	-7.814148625	-5.959754586	0.4355143	0.0865551	0.1654819	0.2535277	-6.28463
6525000000	2.670353756	-2.042035225	-3.187711555	-9.78898808	-6.940579024	-6.120831079	0.4799863	0.1049787	0.2022749	0.2442963	-5.88575
6525000000	2.670353756	-1.989675347	-2.345745005	-8.312344847	-7.103161688	-6.175944915	0.5826738	0.147491	0.1948426	0.2412157	-5.3527838
6525000000	2.670353756	-1.93731547	-1.901149227	-6.719161908	-7.422848981	-6.061737997	0.6454834	0.212855	0.1810152	0.2476431	-4.9248256
6525000000	2.670353756	-1.884955592	-1.958934638	-5.411276595	-7.037580936	-6.163226472	0.6369518	0.2876553	0.1978071	0.2191921	-4.6713826
6525000000	2.670353756	-1.832595715	-2.02887301	-4.451597839	-6.219230031	-6.237505869	0.6267765	0.3587899	0.2388235	0.2378206	-4.3705011
6525000000	2.670353756	-1.780235837	-1.596045387	-3.579145344	-5.193428845	-5.387172699	0.6924612	0.438617	0.3024525	0.2892562	-3.6582842
6525000000	2.670353756	-1.72787596	-0.857118382	-2.677814652	-3.913591933	-3.973636197	0.820896	0.5397822	0.4061073	0.4005312	-2.661376
6525000000	2.670353756	-1.675516082	-0.351831399	-1.959837099	-2.954841912	-3.10522995	0.9221825	0.6368194	0.5064258	0.4891894	-1.9473419
6525000000	2.670353756	-1.623156204	-0.212105529	-1.626209366	-2.774506209	-3.060289706	0.9523343	0.6876684	0.5278972	0.4942777	-1.7682295
6525000000	2.670353756	-1.570796327	-0.112426767	-1.642060738	-2.88042923	-3.230574313	0.974445	0.685163	0.5142753	0.4752724	-1.789525
6525000000	2.670353756	-1.518436449	0.34265429	-1.666225941	-2.351434036	-2.883673368	1.0820951	0.6813612	0.581911	0.514793	-1.456696
6525000000	2.670353756	-1.466076572	1.099966257	-1.378689739	-1.199792904	-1.958406281	1.2882395	0.7279994	0.7586137	0.6370292	-0.69066
6525000000	2.670353756	-1.413716694	1.725593276	-0.960932853	-0.521308336	-1.040912373	1.4878506	0.8015059	0.9071877	0.7868805	-0.0180338
6525000000	2.670353756	-1.361358167	1.952499837	-0.670372693	-0.417137641	-0.809267833	1.5675532	0.8569643	0.8877409	0.8299907	-0.151867
6525000000	2.670353756	-1.308996939	1.899732201	-0.361988786	-0.947361198	-1.304660281	1.5487211	0.9200282	0.8040145	0.7405152	0.0143936
6525000000	2.670353756	-1.256637061	1.878790425	0.264513969	-0.67649982	-1.809164328	1.5412711	1.0627996	0.8557265	0.6593007	0.1274214
6525000000	2.670353756	-1.204277184	2.015152402	1.138793916	0.342811627	-1.580088148	1.5904325	1.2998086	1.0821343	0.6950102	0.67101369
6525000000	2.670353756	-1.151917306	2.100111613	1.824707046	1.110395672	-1.029770765	1.6218518	1.5221964	1.2913369	0.7889018	1.1596703
6525000000	2.670353756	-1.099557429	1.855560965	2.006964065	0.94795165	-1.203883553	1.5330492	1.5874367	1.2439278	0.7578995	1.7406614
6525000000	2.670353756	-1.047197551	1.250726003	1.709133862	0.099766944	-2.512887686	1.3337444	1.4822224	1.0232381	0.5606751	1.4318084
6525000000	2.670353756	-0.994837674	0.59382459	1.194222821	-0.394510932	-4.031577601	1.1465222	1.3165043	0.9131643	0.395223	-0.2553473
6525000000	2.670353756	-0.942477796	0.266324543	0.711797729	0.066724926	-2.981278339	1.0632428	1.1780935	1.0154826	0.399827	-0.3897707
6525000000	2.670353756	-0.890117919	0.243375452	0.259132166	0.659151655	-2.970253129	1.0576392	1.0614834	1.1638987	0.5046319	-0.2368979
6525000000	2.670353756	-0.837758041	0.172128982	-0.378307866	0.393331533	-2.351200449	1.0403401	0.9165775	1.0947959	0.5819423	-0.4170544
6525000000	2.670353756	-0.785398163	-0.145393646	-1.338794768	-0.300886353	-2.615028166	0.9670761	0.7347177	0.8191199	0.5476425	-1.1512591
6525000000	2.670353756	-0.733038286	-0.609542217	-2.454889594	-2.315800922	-4.095073927	0.869052	0.5682128	0.586705	0.3894867	-2.1942048
6525000000	2.670353756	-0.680678408	-0.997704306	-3.391844485	-3.007954853	-6.315605684	0.7947482	0.4579474	0.5002701	0.233582	-0.30961
6525000000	2.670353756	-0.628318531	-1.225955721	-4.173073419	-3.269166602	-6.322508751	0.7540574	0.3825539	0.4710677	0.2332111	-3.3703212
6525000000	2.670353756	-0.575958653	-1.4249851	-5.08598889	-4.113507231	-4.863794957	0.7202802	0.3100281	0.387387	0.3263026	-3.6040197
6525000000	2.670353756	-0.523598776	-1.765971555	-5.691304542	-5.714816169	-4.575872235	0.6658905	0.2696929	0.2682389	0.3486686	-4.1103091
6525000000	2.670353756	-0.471238898	-2.318142399	-4.920252131	-6.776682732	-5.268591656	0.5863889	0.3220882	0.2100544	0.2971625	-4.5105978
6525000000	2.670353756	-0.41887902	-3.072499487	-3.348063133	-6.003886351	-5.824914155	0.4928901	0.4625873	0.250964	0.2615222	-4.3534473
6525000000	2.670353756	-0.366519143	-4.042105581	-2.16284575	-4.346645075	-5.743595866	0.3942661	0.6077366	0.3675661	0.2664652	-3.8826765
6525000000	2.670353756	-0.314159265	-5.254342269	-1.707531361	-3.660130573	-6.630629918	0.2982399	0.6749116	0.4305137	0.2734872	-3.7748793
6525000000	2.670353756	-0.261799388	-6.581641654	-1.946284345	-4.889803687	-6.282116441	0.2197029	0.6388908	0.3245343	0.2533902	-4.50305
6525000000	2.670353756	-0.20949351	-7.716107756	-2.771503243	-8.313647347	-7.764403018	0.1691957	0.5282624	0.1474223	0.1673246	-5.967915
6525000000	2.670353756	-0.157079633	-8.496611667	-4.011843877	-13.73563827	-8.778000727	0.141364	0.397023	0.0423094	0.1324951	-7.4885385
6525000000	2.670353756	-0.104719755	-9.103895977	-5.372313128	-7.59611333	-8.769489693	0.1229166	0.2902476	0.0173936	0.132755	-8.5313037
6525000000	2.670353756	-0.052359878	-9.723851157	-6.430010151	-16.92303528	-8.528855534	0.1065651	0.2275092	0.0203094	0.1403183	-9.0771623
6525000000	2.670353756	-4.44E-16	-10.05032954	-6.832429137	-17.53426567	-8.01796827	0.0988478	0.2073753	0.017643	0.2573523	-9.1298237
6525000000	2.670353756	0.052359878	-9.603487908	-6.698710114	-19.75794876	-7.790781123	0.1095598	0.2138597	0.0105732	0.1663113	-9.0282599
6525000000	2.670353756	0.104719755	-8.625989528	-6.595092492	-20.28306778	-7.793972393	0.1372148	0.2190235	0.009369	0.1661892	-8.7631448
6525000000	2.670353756	0.157079633	-7.656782068	-7.03672297	-16.291793039	-7.17293039	0.1715228	0.1978462	0.0234867	0.1917375	-8.3520631
6525000000	2.670353756	0.20943951	-7.095282802	-8.195815716	-11.719468315	-6.322572772	0.1951964	0.1815502	0.0668393	0.2332076	-7.9132673
6525000000	2.670353756	0.261799388	-7.259989592	-9.657988127	-8.955348475	-5.350326471	0.1879321	0.1081935	0.1271936	0.2917208	-7.4772967
6525000000	2.670353756	0.314159265	-8.34823124	-9.984230132	-7.361297548	-3.728644088	0.1462773	0.1003638	0.183599	0.4237753	-6.7059435
6525000000	2.670353756	0.366519143	-10.09875309	-8.389369059	-6.163851736	-2.010274369	0.0977518	0.1448982	0.2418883	0.6294662	-5.5517296
6525000000	2.670353756	0.41887902	-10.57013779	-6.328691347	-5.215263807	-1.101459909	0.0876973	0.2328793	0.3009356	0.7759862	-4.5670866
6525000000	2.670353756	0.471238898	-8.4808656	-4.768580399	-4.13195192	-3.11951182	0.1418775	0.3335354	0.3615507	0.7392731	-4.0443858
6525000000	2.670353756	0.523598776	-6.150450375	-3.775597486	-3.542177653	-1.859759174	0.2426358	0.4191797	0.4423665	0.6516645	-3.5757342
6525000000	2.670353756	0.575958653	-4.595649989	-3.099062227	-2.837490055	-1.069230055	0.3470843	0.4898846	0.5202966	0.7817664	-2.7184273
6525000000	2.670353756	0.628318531	-3.763635553	-2.437899368	-2.954395149	0.247083583	0.4203746	0.5704401	0.562938	1.0585426	-1.8503772
6525000000	2.670353756	0.680678408	-3.94661971	-1.671736993	-2.065248788	0.573776949	0.4576504	0.6804971	0.6215486	1.1412419	-1.3952155
6525000000	2.670353756	0.733038286	-3.116156772	-0.907192223	-0.971227197	0.363208275	0.4879601	0.8114855	0.7996083	1.0872285	-0.9877573
6525000000	2.670353756	0.785398163	-2.622656667	-0.256307495	0.338169835	1.307636656	0.5466814	0.9426908	1.0809783	1.351337	-0.0858701
6525000000	2.670353756	0.837758041	-1.968227613	0.318399503	0.985307951	2.976485223	0.6355903	1.0706086	1.2546737	1.9844882	0.9621721
6525000000	2.670353756	0.890117919	-1.396301219	0.930924336	0.788653792	3.825954829	0.7205532	1.2396003	1.1991275	2.413212	1.4242986
6525000000	2.670353756	0.942477796	-0.939240974	1.603662496	0.346763672	3.442200827	0.8055192	1.4466593	1.0926382	2.2091239	1.4452144
6525000000	2.670353756	0.994837674	-0.414443745	2.203062358	0.707942099	2.804455884	0.9089827	1.6607576	1.1770481	1.6906414	1.3333151
6525000000	2.670353756	1.047197551	0.182399565	2.539663561	1.615786115	1.70829151	1.0428935	1.7945946	1.4507033	1.481935	1.9512534
6525000000	2.670353756	1.099557429	0.577781515	2.513097474	2.117660947	2.281798941	1.1422947	1.7836504	1.6284188	1.6911413	1.9350758
6525000000	2.670353756	1.15									

6525000000	2.722713633	-2.775073511	-8.027075752	-15.63731428	-15.84079922	-7.199956797	0.1575043	0.0273067	0.0260567	0.190548	-9.9846567
6525000000	2.722713633	-2.722713633	-6.427431824	-11.54386024	-21.70780127	-6.905803672	0.2276443	0.0700832	0.0067487	0.2039011	-8.958738
6525000000	2.722713633	-2.670353756	-5.543454699	-8.724948934	-19.67133942	-7.264889276	0.2790323	0.1341236	0.0107861	0.1877202	-8.155483
6525000000	2.722713633	-2.617938878	-5.530549293	-8.180683655	-15.784065824	-8.3000095	0.2798627	0.1520308	0.0263994	0.1479075	-8.194438
6525000000	2.722713633	-2.565634	-5.837601104	-9.434935026	-12.27709628	-8.347676461	0.2607593	0.1138955	0.0591957	0.146296	-8.985228
6525000000	2.722713633	-2.513274123	-6.010632015	-11.50974515	-10.786452	-7.702771814	0.2505745	0.0706359	0.0834363	0.169716	-8.428738
6525000000	2.722713633	-2.460914245	-5.913132598	-11.97502992	-11.88485014	-7.659130023	0.2562635	0.0634596	0.064791	0.1714301	-8.570288
6525000000	2.722713633	-2.408554368	-5.380176669	-10.1879022	-13.82256386	-7.927556627	0.2897226	0.0957657	0.0414709	0.1611552	-8.3259822
6525000000	2.722713633	-2.35619449	-4.391203493	-8.650501499	-13.0538624	-7.778595952	0.3638142	0.1364426	0.049501	0.1871298	-7.3465876
6525000000	2.722713633	-2.303834613	-3.346420625	-8.212494277	-11.60568874	-5.784447716	0.4627623	0.1509213	0.0690925	0.2639704	-6.2582628
6525000000	2.722713633	-2.251474735	-2.717130444	-8.628108511	-10.96927743	-4.71397709	0.5349177	0.1371479	0.0799967	0.3377559	-5.6470594
6525000000	2.722713633	-2.199114858	-2.740952045	-9.358436064	-10.55183547	-4.479143496	0.5319916	0.1159195	0.0880677	0.3565214	-5.6363847
6525000000	2.722713633	-2.14675498	-3.32079027	-10.07813033	-9.607490581	-4.707852968	0.4655014	0.0982171	0.1094859	0.338232	-5.9713304
6525000000	2.722713633	-2.094395102	-3.792522872	-10.67611481	-8.396879932	-4.926939603	0.4175877	0.0855832	0.1446479	0.3215926	-6.1555188
6525000000	2.722713633	-2.042035225	-3.34908498	-10.59657051	-7.836185728	-5.002864041	0.4624785	0.0871652	0.1645817	0.3160193	-5.8911966
6525000000	2.722713633	-1.989675347	-2.494234624	-9.405289906	-7.953136446	-4.870042383	0.5630883	0.1146756	0.1602088	0.3258335	-5.361793
6525000000	2.722713633	-1.93731547	-2.164848291	-7.694817124	-7.846268459	-4.717295191	0.6074565	0.1700272	0.1642	0.3374974	-4.5125797
6525000000	2.722713633	-1.884955592	-2.521321247	-6.244501373	-7.163916099	-4.962381413	0.5595873	0.2374378	0.1921358	0.3189788	-4.8545408
6525000000	2.722713633	-1.832595715	-2.947906487	-5.266698915	-6.314071104	-5.312018195	0.5072352	0.2973926	0.2336646	0.2943054	-4.7736094
6525000000	2.722713633	-1.780235837	-2.631249504	-4.448116299	-5.249882499	-4.756298181	0.5456009	0.3930776	0.2985463	0.33448	-4.15187
6525000000	2.722713633	-1.72787596	-1.89997696	-3.500296847	-3.882018504	-3.436499735	0.6456577	0.4466531	0.4090705	0.4532627	-3.1099233
6525000000	2.722713633	-1.675516082	-1.576320607	-2.56990062	-2.914819299	-2.51258915	0.6956134	0.5533628	0.5111143	0.5607136	-2.3642151
6525000000	2.722713633	-1.623156204	-1.725392701	-1.981598224	-2.842805729	-2.359234837	0.6721415	0.6336365	0.5218184	0.5808667	-2.2031997
6525000000	2.722713633	-1.570796327	-1.709637582	-1.888833454	-3.068409241	-2.403371166	0.6745843	0.6473165	0.4933545	0.5749934	-2.236169
6525000000	2.722713633	-1.518436449	-0.95726219	-2.10715249	-2.875431357	-1.910859799	0.8021836	0.6155804	0.5527731	0.6404417	-1.8465847
6525000000	2.722713633	-1.466076572	0.2168708	-2.258621758	-1.327875543	-0.848213191	1.0512042	0.5944808	0.7365673	0.8225181	-0.9625455
6525000000	2.722713633	-1.413716694	1.101113192	-2.245726885	-0.403349571	0.148223971	1.2885798	0.5962485	0.9113077	1.0347189	-0.1876428
6525000000	2.722713633	-1.361356817	1.378554279	-2.225417334	-0.349633885	0.440460593	1.3735846	0.5990434	0.9226492	1.1067412	0.0021909
6525000000	2.722713633	-1.308996939	1.235917875	-2.137286987	-0.679945286	0.017740417	1.3292045	0.6113238	0.8550775	1.0040932	-0.223108
6525000000	2.722713633	-1.256637061	1.121767578	-1.660255019	-0.430627999	-0.482660664	1.2947227	0.6822986	0.9056069	0.8948164	-0.2486189
6525000000	2.722713633	-1.204277184	1.291812548	-0.75570682	0.486763447	-0.423403749	1.3464222	0.8402902	1.1186039	0.9071094	0.2247726
6525000000	2.722713633	-1.151917306	1.519141266	0.089575243	1.17069311	-0.116624446	1.418777	1.0208396	1.3093099	0.9570306	0.7211299
6525000000	2.722713633	-1.099557429	1.381125562	0.480745224	0.971532133	-0.493383089	1.3743981	1.1170549	1.2507002	0.8926099	0.6396755
6525000000	2.722713633	-1.047197551	0.698866255	0.445310397	0.125674596	-1.968069478	1.1745909	1.1079778	1.0293604	0.6356134	-0.0573318
6525000000	2.722713633	-0.994837674	-0.263982773	0.256174192	-0.357380231	-3.579198491	0.9410262	1.0607607	0.921005	0.4386116	-0.7553934
6525000000	2.722713633	-0.942477796	-0.945961718	0.101849622	0.086168605	-3.527112331	0.8042736	1.0237289	1.0200392	0.4439307	-0.6070736
6525000000	2.722713633	-0.890117919	-1.137400203	-0.118581715	0.638887441	-2.62960974	0.769591	0.9730649	1.1584805	0.5458069	-0.6462584
6525000000	2.722713633	-0.837758041	-1.158378468	-0.647415564	0.329189233	-2.23615979	0.7658825	0.8615063	1.0787452	0.5975634	-0.8305972
6525000000	2.722713633	-0.785398163	-1.239399789	-1.537811954	-0.974346544	-2.661910984	0.7512768	0.7018088	0.7990342	0.5417625	-1.5578196
6525000000	2.722713633	-0.733038286	-1.337575059	-2.470514188	-0.462200907	-0.411036222	0.7349241	0.5661723	0.5672571	0.3970968	-2.4890547
6525000000	2.722713633	-0.680678408	-1.357147477	-3.085793056	-3.151479605	-5.676884784	0.7316195	0.4913836	0.4840074	0.2705899	-0.3092145
6525000000	2.722713633	-0.628318531	-1.334416779	-3.636180821	-3.346492135	-5.55023256	0.7354588	0.4328944	0.4627546	0.2785972	-0.3109372
6525000000	2.722713633	-0.575958653	-1.422576476	-4.653214302	-4.114424776	-4.412304011	0.7206798	0.3425142	0.3877551	0.3620505	-3.4366219
6525000000	2.722713633	-0.523598776	-1.740547406	-5.874241902	-5.667153968	-4.240913116	0.6698002	0.2585686	0.2711968	0.3766246	-0.4045136
6525000000	2.722713633	-0.471238898	-2.305260193	-5.71285419	-7.61146173	-4.937940225	0.5881309	0.268358	0.2132327	0.320779	-4.588888
6525000000	2.722713633	-0.41887902	-3.09336019	-4.068848793	-5.998047957	-5.523918305	0.4905282	0.3918457	0.2513016	0.2802904	-4.5162106
6525000000	2.722713633	-0.366519143	-4.119692401	-2.569023366	-4.458024294	-5.496697083	0.3872851	0.5534746	0.3582594	0.2820527	-4.0310842
6525000000	2.722713633	-0.314159265	-5.399404404	-1.824846626	-3.862339522	-5.411423396	0.2884427	0.6592943	0.4109283	0.2876456	-3.861738
6525000000	2.722713633	-0.261799388	-6.788745065	-1.852188148	-5.159727412	-6.052522629	0.2094718	0.6528016	0.3048086	0.2481691	-4.512265
6525000000	2.722713633	-0.20943951	-7.965616269	-2.553881755	-8.631176283	-7.502473178	0.1597491	0.5554076	0.1370511	0.1777627	-5.8925041
6525000000	2.722713633	-0.157079633	-8.749199568	-3.765855575	-13.93523099	-8.569589551	0.1333767	0.4201597	0.0404089	0.1390084	-7.2639342
6525000000	2.722713633	-0.104719755	-9.314805801	-5.19513286	-17.23690361	-8.677830763	0.1170899	0.3023338	0.0188934	0.1355868	-4.8322094
6525000000	2.722713633	-0.052359878	-9.846292201	-6.365355502	-16.64904963	-8.502116404	0.1036026	0.2309215	0.0216319	0.1411849	-0.5045071
6525000000	2.722713633	-4.44E-16	-10.05032954	-6.832428941	-17.53426539	-8.017968159	0.0988478	0.2073753	0.017643	0.157835	-9.1928232
6525000000	2.722713633	0.052359878	-9.523080109	-6.730993763	-19.84200117	-7.819067094	0.1116071	0.2122759	0.0103705	0.1652317	-9.0353738
6525000000	2.722713633	0.104719755	-8.540203321	-6.79870416	-19.88243154	-7.928049472	0.1399552	0.2147895	0.0102744	0.1611369	-8.8094797
6525000000	2.722713633	0.157079633	-7.615775412	-7.172230661	-15.9965311	-7.422863382	0.17315	0.1917684	0.0251389	0.180146	-8.535692
6525000000	2.722713633	0.20943951	-7.136882474	-8.348501884	-11.61275036	-6.493896399	0.1933356	0.1462682	0.0689803	0.224187	-8.0081344
6525000000	2.722713633	0.261799388	-7.402608687	-9.807800144	-8.811693882	-5.284296832	0.1811086	0.104525	0.1314712	0.2961899	-7.4879097
6525000000	2.722713633	0.314159265	-8.652259678	-10.12655134	-7.16659289	-3.552384659	0.1363873	0.0971281	0.1920175	0.4410233	-6.6426327
6525000000	2.722713633	0.366519143	-10.39446069	-8.471751753	-5.905817382	-1.912720041	0.0913175	0.1421755	0.2566955	0.6437659	-5.4746438
6525000000	2.722713633	0.41887902	-10.19287654	-6.327122914	-4.872076388	-1.081535515	0.095656	0.3229634	0.325681	0.7595465	-4.4555479
6525000000	2.722713633	0.471238898	-7.509128512	-4.683963274	-4.010173174	-1.279946303	0.1774546	0.3400977	0.3971757	0.7447412	-3.8209801
6525000000	2.722713633	0.523598776	-5.070235274	-3.608704414	-3.157080554	-1.275526524	0.3111548	0.4356418	0.4833836	0.6721208	-3.2278074
6525000000	2.722713633	0.575958653	-3.648689732	-2.869943094	-2.546013908	-0.856139868	0.4316493	0.5164231	0.5564147	0.821081	-2.3553092
6525000000	2.722713633	0.628318531	-3.146827353	-2.209186289	-2.340744157	0.525546051	0.4845262	0.6012864	0.5833451	1.1286375	-1.5524401
6525000000	2.722713633	0.680678408	-3.278621036	-1.511391754	-2.085847501	0.99238128	0.4700433	0.7069012	0.6186076	1.2567188	-1.1755217
6525000000	2.722713633	0.733038286									

6525000000	2.722713633	3.141592654	-17.03598018	-21.74376256	-21.05199212	-19.75045098	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.775073511	-3.141592654	-17.03598005	-21.74376253	-21.05199178	-19.75045087	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.775073511	-3.089232776	-14.46777188	-23.91181936	-20.77821534	-15.19860856	0.0357456	0.0040627	0.0083595	0.032092	-17.07713
6525000000	2.775073511	-3.036872899	-12.39405147	-24.39288585	-15.46164646	-11.59398041	0.0576229	0.0033667	0.0284338	0.0692791	-14.00738
6525000000	2.775073511	-2.984513021	-10.07843229	-22.37186521	-12.63365372	-9.396479964	0.0982102	0.0057918	0.0545299	0.1149085	-11.65197
6525000000	2.775073511	-2.932153143	-8.603647446	-20.83455706	-12.79519165	-8.116413123	0.1379225	0.0082517	0.0525389	0.1542974	-10.542723
6525000000	2.775073511	-2.879793266	-8.47751614	-18.87197728	-13.81827845	-7.258468688	0.1419858	0.0129659	0.0415076	0.187998	-10.17212
6525000000	2.775073511	-2.827433388	-8.798192458	-17.84891712	-14.1727234	-7.05130558	0.1318806	0.01641	0.0382585	0.197183	-10.18032
6525000000	2.775073511	-2.775073511	-7.890836044	-16.36322503	-16.85936062	-7.34006702	0.1625236	0.0231035	0.0206093	0.1844987	-10.101776
6525000000	2.775073511	-2.722713633	-6.506412064	-12.10073624	-22.94362899	-7.215625028	0.2235418	0.061649	0.0050773	0.1898618	-9.2070117
6525000000	2.775073511	-2.670353756	-5.952912959	-9.205754324	-19.85075466	-7.216174299	0.2539269	0.1200673	0.0103496	0.1898377	-8.4301078
6525000000	2.775073511	-2.617993878	-6.111854186	-8.74477249	-16.24555177	-7.872821842	0.2448018	0.1335128	0.023738	0.1631991	-8.4981812
6525000000	2.775073511	-2.565634	-6.23876333	-10.50271732	-13.09891035	-7.912970819	0.2377517	0.0890693	0.0489902	0.1616974	-8.7167458
6525000000	2.775073511	-2.513274123	-5.968032212	-13.85798839	-12.04036258	-7.235508994	0.2530444	0.041134	0.0625121	0.1889945	-8.65118
6525000000	2.775073511	-2.460914245	-5.428343494	-15.65474859	-13.92366024	-7.23488992	0.2865271	0.0271973	0.0405167	0.1890214	-8.6705032
6525000000	2.775073511	-2.408554368	-4.708472961	-13.45337231	-16.0471213	-7.807772178	0.3381837	0.0451505	0.0248478	0.165662	-8.4326615
6525000000	2.775073511	-2.35619449	-3.922351376	-11.22952853	-13.93778852	-7.3489626	0.405289	0.0753437	0.0403851	0.1841212	-7.5378522
6525000000	2.775073511	-2.303834613	-3.255345926	-10.21566075	-12.26206882	-5.55272128	0.4725269	0.0951555	0.0594009	0.2657497	-6.5126917
6525000000	2.775073511	-2.251474735	-2.898763153	-10.14017138	-11.68175673	-4.511515156	0.5130074	0.096824	0.0678929	0.3538739	-5.885494
6525000000	2.775073511	-2.199114858	-3.02629322	-10.6077592	-11.05684871	-4.043821358	0.4981621	0.0869409	0.0783998	0.3941104	-5.773313
6525000000	2.775073511	-2.14675498	-3.585099048	-11.58266666	-10.09296542	-4.036854823	0.4380161	0.0694598	0.0978821	0.3947431	-6.0201608
6525000000	2.775073511	-2.094395102	-3.932325557	-13.07455749	-9.274762865	-4.078041818	0.4043593	0.0492657	0.1181745	0.3910172	-6.1851642
6525000000	2.775073511	-2.042035225	-3.430863987	-13.87068053	-8.882617674	-3.899896194	0.4538513	0.041014	0.1293416	0.40739	-5.8854996
6525000000	2.775073511	-1.989675347	-2.751639236	-12.26644641	-8.519638729	-3.438943643	0.5306841	0.0593408	0.1406164	0.4530078	-5.2883701
6525000000	2.775073511	-1.93731547	-2.716920567	-9.708596774	-7.741654809	-3.089652172	0.5349435	0.10694	0.1682033	0.4909492	-4.8777132
6525000000	2.775073511	-1.884955592	-3.27134822	-7.77423528	-6.867454775	-3.259019971	0.4708311	0.1669462	0.2057096	0.4721696	-4.8291748
6525000000	2.775073511	-1.832595715	-3.475749088	-6.676172816	-3.61689362	-3.61689362	0.4491848	0.2149724	0.2446984	0.4349017	-4.7373917
6525000000	2.775073511	-1.780235837	-2.559766603	-5.971675995	-5.100014179	-3.233676038	0.5546555	0.2528322	0.3090285	0.4749331	-4.0026718
6525000000	2.775073511	-1.72787596	-1.401952089	-5.089163177	-3.726699365	-2.12893697	0.7241104	0.3098016	0.4239651	0.6125003	-2.8601048
6525000000	2.775073511	-1.67516082	-0.909568533	-3.957371549	-2.805869761	-1.326265821	0.8110416	0.4020341	0.5240986	0.7367791	-2.0866847
6525000000	2.775073511	-1.623156204	-0.985164247	-3.003031452	-2.813140447	-1.232358859	0.7970463	0.5008375	0.523222	0.7529665	-1.9144262
6525000000	2.775073511	-1.570796327	-0.88741477	-2.563761162	-3.143700465	-1.311236053	0.8151894	0.5541456	0.4848752	0.7393948	-1.8815616
6525000000	2.775073511	-1.518436449	-0.099600742	-2.597581833	-2.615942744	-0.800465545	0.9773271	0.5498469	0.5475272	0.8039855	-1.388112
6525000000	2.775073511	-1.466076572	1.032949796	-2.790265064	-1.227533729	0.298456051	1.2685132	0.5259852	0.7537835	1.0711384	-0.4342098
6525000000	2.775073511	-1.413716694	1.86220214	-2.910578661	-0.156390617	1.305810024	1.5353953	0.5116137	0.9646304	1.3507687	-0.376663
6525000000	2.775073511	-1.361356817	2.078562046	-3.009159677	0.016315026	1.607332159	1.6138241	0.5001313	1.0037637	1.4478822	0.5743725
6525000000	2.775073511	-1.308996939	1.83100803	-3.172284978	-0.264800636	1.204798539	1.5244065	0.4816943	0.940849	1.3197141	0.2802845
6525000000	2.775073511	-1.256637061	1.562380834	-3.190967675	-0.088900823	0.67369973	1.4329733	0.4796266	0.9797379	1.167804	0.0648121
6525000000	2.775073511	-1.204277184	1.612119738	-2.752919673	0.695601126	0.591761706	1.4494792	0.5305277	1.1737081	1.1459777	0.3137742
6525000000	2.775073511	-1.151917306	1.821421322	-2.070638321	1.285483106	0.727666505	1.5210452	0.6027778	1.3444613	1.1824061	0.6173509
6525000000	2.775073511	-1.099557429	1.693009868	-1.588508644	1.050444862	0.232428368	1.4767296	0.693664	1.2736335	1.0549766	0.5105636
6525000000	2.775073511	-1.047197551	0.897168677	-1.394754947	0.20264661	-1.33457044	1.229467	0.7253114	1.0477669	0.7354327	-0.2942325
6525000000	2.775073511	-0.994837674	-0.436862348	-1.306432764	-0.294974831	-3.073837849	0.9043026	0.740213	0.9343348	0.4927388	-1.1466965
6525000000	2.775073511	-0.942477796	-1.675539806	-1.221910667	-0.999170361	-3.160446929	0.6799015	0.7547601	1.0230975	0.4873009	-1.3359919
6525000000	2.775073511	-0.890117919	-2.208683609	-1.306620754	0.603619592	-2.21082918	0.601356	0.740181	1.1491109	0.5740791	-1.156682
6525000000	2.775073511	-0.837758041	-2.176375154	-1.790061242	0.265054965	-2.14888139	0.6058463	0.662072	1.062932	0.6004975	-1.3497261
6525000000	2.775073511	-0.785398163	-2.002551898	-2.592895329	-1.055734081	-2.760384006	0.6305867	0.5504406	0.7841996	0.5296166	-2.0501669
6525000000	2.775073511	-0.733038286	-1.822372017	-3.185366024	-2.555057687	-3.873404802	0.6572987	0.4802456	0.5552572	0.4098826	-2.7928594
6525000000	2.775073511	-0.680678408	-1.598198816	-3.252003709	-3.215430425	-4.921336392	0.692118	0.472933	0.4769325	0.3220078	-0.8920423
6525000000	2.775073511	-0.628318531	-1.40423173	-3.371222632	-3.31866847	-4.751157103	0.7237304	0.460127	0.4657289	0.3348767	-0.3041709
6525000000	2.775073511	-0.575958653	-1.424276377	-4.240047839	-3.981168233	-4.029424467	0.7203978	0.3766996	0.3998372	0.395419	-0.255077
6525000000	2.775073511	-0.523598776	-1.750481738	-5.797199906	-5.458930674	-4.050224377	0.6682698	0.2631964	0.2845162	0.3935297	-0.9356574
6525000000	2.775073511	-0.471238898	-2.34466365	-6.40187813	-6.506199069	-4.753491261	0.5828189	0.2289877	0.2235528	0.3346963	-0.6532127
6525000000	2.775073511	-0.41887902	-3.156452508	-4.894549863	-5.922412138	-5.304615486	0.4834535	0.324	0.2557165	0.2948074	-0.6916741
6525000000	2.775073511	-0.366519143	-4.203690723	-3.093074161	-4.564330483	-5.279953933	0.3798664	0.4905605	0.3495964	0.2964863	-4.2121482
6525000000	2.775073511	-0.314159265	-5.500680086	-2.043220333	-4.092435333	-5.220477215	0.2817942	0.6247003	0.3897324	0.3005746	-3.9880908
6525000000	2.775073511	-0.261799388	-6.903248868	-1.843996631	-5.465609496	-5.869238159	0.2040211	0.6540336	0.2840789	0.2588667	-4.5562176
6525000000	2.775073511	-0.20943951	-8.103593055	-2.399617017	-8.971604828	-7.2925853	0.1547536	0.5754907	0.1267184	0.1856269	-5.835719
6525000000	2.775073511	-0.157079633	-8.917898022	-3.552342739	-14.0932477	-8.385091554	0.1282951	0.4413323	0.038965	0.145041	-7.28979
6525000000	2.775073511	-0.104719755	-9.488637802	-5.02442459	-16.84211386	-8.588137908	0.1124958	0.3144543	0.0206913	0.138416	-8.3411984
6525000000	2.775073511	-0.052359878	-9.961779572	-6.29963346	-16.37867616	-8.474247419	0.1008839	0.2344427	0.0230214	0.1420398	-9.0270634
6525000000	2.775073511	-4.44E-16	-10.05032984	-6.832429163	-17.53426544	-8.017967969	0.0988478	0.2073753	0.017643	0.157835	-9.1928233
6525000000	2.775073511	0.052359878	-9.443504017	-6.761486823	-19.89029986	-7.84779668	0.113671	0.2107906	0.0102558	0.1641422	-9.0408161
6525000000	2.775073511	0.104719755	-8.467423635	-6.758800779	-19.42602038	-8.069315103	0.1423173	0.210921	0.0114125	0.1559798	-8.5520326
6525000000	2.775073511	0.157079633	-7.613064651	-7.291556248	-15.65638423	-7.702990671	0.1732581	0.1865711	0.027187	0.1697075	-8.564203
6525000000	2.775073511	0.20943951	-7.239683676	-8.462646079	-11.42312635	-6.687749087	0.1888129	0.1424739	0.0720589	0.2144002	-8.1125017
6525000000	2.775073511	0.261799388	-7.645036847	-9.883511742	-8.606926412	-5.21984203	0.1719873	0.1027185	0.1378184	0.3006186	-7.4888347
6525000000	2.775073511	0.314159265	-8.989526192	-10.1685943							

6525000000	2.775073511	2.722713633	-12.19757638	-7.819381282	-15.73455167	-9.730944831	0.0602896	0.1652197	0.0267021	0.1063912	-10.474466
6525000000	2.775073511	2.775073511	-11.28179939	-7.466794016	-14.82253264	-9.491864418	0.0744423	0.1791928	0.0329417	0.1124122	-10.01099
6525000000	2.775073511	2.827433388	-10.03927273	-7.393653381	-16.09667964	-12.18229045	0.0990998	0.1822362	0.0245659	0.0605022	-10.38098
6525000000	2.775073511	2.879793266	-9.626719206	-7.913418238	-18.50877377	-15.04749268	0.1089753	0.1616807	0.0140969	0.0312788	-11.023293
6525000000	2.775073511	2.932153143	-11.15460709	-9.098358434	-19.45919443	-13.95427355	0.0766548	0.1230734	0.0113261	0.0402321	-12.01891
6525000000	2.775073511	2.984513021	-15.42652356	-11.21232797	-20.84585014	-13.36402487	0.0286647	0.0756427	0.0082303	0.046089	-14.016835
6525000000	2.775073511	3.036872899	-22.36589178	-14.56790313	-23.45858324	-14.22238387	0.0057998	0.0349309	0.0045096	0.0378235	-16.826482
6525000000	2.775073511	3.089232776	-21.57727239	-18.72511123	-21.76071556	-17.4272028	0.0069546	0.0134119	0.006667	0.0180834	-19.477215
6525000000	2.775073511	3.141592654	-17.03598005	-21.74376253	-21.05199178	-19.75045087	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.827433388	-3.141592654	-17.03598009	-21.74376261	-21.05199173	-19.75045077	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.827433388	-3.089232776	-14.43468895	-24.17325234	-20.68606063	-15.16777097	0.036019	0.0038254	0.0085387	0.0304245	-17.054922
6525000000	2.827433388	-3.036872899	-12.31147959	-23.70012613	-15.36353172	-11.54757321	0.0587289	0.0042657	0.0290835	0.0700233	-13.922732
6525000000	2.827433388	-2.984513021	-9.893165357	-21.22458532	-12.59755678	-9.422137812	0.1024905	0.007545	0.054985	0.1142316	-11.560668
6525000000	2.827433388	-2.932153143	-8.383543524	-21.22309311	-12.89106425	-8.262722094	0.1450927	0.0075455	0.0513918	0.1491859	-10.540197
6525000000	2.827433388	-2.879793266	-8.280217018	-20.48485721	-14.34280169	-7.335533004	0.1485861	0.0089436	0.0367892	0.1846914	-10.234089
6525000000	2.827433388	-2.827433388	-8.568593648	-17.33814159	-15.09041799	-6.97694887	0.1390403	0.0184581	0.0309712	0.2005881	-10.120461
6525000000	2.827433388	-2.775073511	-7.819778416	-14.65180416	-17.88032586	-7.489414819	0.1652046	0.0342625	0.0162917	0.1782619	-10.065409
6525000000	2.827433388	-2.722713633	-6.87544266	-11.59574455	-22.63450721	-6.14942537	0.2053316	0.0692509	0.0054519	0.1731832	-9.4575322
6525000000	2.827433388	-2.670353756	-6.674607598	-9.259127773	-9.3810039	-7.205164261	0.2150499	0.1186007	0.0115319	0.1903196	-8.7329883
6525000000	2.827433388	-2.617993878	-6.789762192	-8.838106686	-16.66786406	-7.390463982	0.2094227	0.130674	0.0215384	0.1823701	-8.664569
6525000000	2.827433388	-2.565634	-6.477028633	-10.36533119	-14.15626232	-7.453962786	0.2250594	0.091932	0.0384038	0.1797723	-8.7361026
6525000000	2.827433388	-2.513274123	-5.727129797	-12.55226846	-13.66261752	-6.929111586	0.2674774	0.0555614	0.0430267	0.2028098	-8.4704297
6525000000	2.827433388	-2.460914245	-4.834132374	-13.05173819	-16.47655032	-7.019974324	0.3285389	0.0495252	0.0225084	0.1986107	-8.245004
6525000000	2.827433388	-2.408554368	-4.006910904	-12.57131418	-17.84309228	-7.730019448	0.3974742	0.0553183	0.016432	0.1686545	-7.9732169
6525000000	2.827433388	-2.35619449	-3.42245033	-12.23906177	-14.48354168	-7.318735777	0.4547314	0.0597164	0.0356161	0.1854071	-7.3549442
6525000000	2.827433388	-2.303834613	-3.101182304	-12.11022806	-12.94266069	-5.750977705	0.4896455	0.0615145	0.0507848	0.2660126	-6.6356158
6525000000	2.827433388	-2.251474735	-3.006046375	-12.3700824	-14.54101806	-4.54101806	0.50049	0.0577295	0.0579334	0.351478	-6.1635028
6525000000	2.827433388	-2.199114858	-3.2043089	-13.33675196	-11.49763215	-3.990931697	0.4781554	0.0463794	0.0708332	0.3989393	-6.0453936
6525000000	2.827433388	-2.14675498	-3.641412288	-15.23034861	-10.6779419	-3.784711662	0.4323732	0.0299892	0.0855472	0.4183395	-6.1697089
6525000000	2.827433388	-2.094395102	-3.770964815	-17.61166331	-10.28394134	-3.607397885	0.4196657	0.0173314	0.0936712	0.4357729	-6.1688456
6525000000	2.827433388	-2.042035225	-3.236352934	-16.48259011	-9.697852075	-3.17350496	0.4746404	0.0224771	0.1072049	0.4811328	-5.6644806
6525000000	2.827433388	-1.989675347	-2.758345008	-12.30213005	-8.440839163	-2.435909744	0.5298653	0.0588555	0.1431911	0.5707015	-4.8724443
6525000000	2.827433388	-1.93731547	-2.94830102	-8.890940134	-7.117872096	-1.875430051	0.5071891	0.120904	0.1941387	0.6493173	-4.3186163
6525000000	2.827433388	-1.884955592	-3.505504085	-6.678412614	-6.26569544	-1.871297157	0.4461178	0.2148616	0.2362819	0.6499355	-4.1251442
6525000000	2.827433388	-1.832595715	-3.416746651	-5.400664225	-5.707072266	-2.053812492	0.455329	0.288359	0.2687155	0.6231875	-3.8835525
6525000000	2.827433388	-1.780253837	-2.302656743	-4.653886207	-4.812913748	-1.623364957	0.5884835	0.3424612	0.330148	0.6881189	-3.1220099
6525000000	2.827433388	-1.72787596	-1.11219709	-3.999361284	-4.938262368	-0.637539019	0.7740701	0.3981657	0.4474183	0.8634767	-2.7006197
6525000000	2.827433388	-1.675516082	-0.562426355	-3.216063394	-2.633131826	-0.025492761	0.8785316	0.476863	0.5453644	1.0058726	-1.3867
6525000000	2.827433388	-1.623156204	-0.536077848	-2.457183863	-2.705283287	-0.001914793	0.8838778	0.5679127	0.5367126	1.000441	-1.265422
6525000000	2.827433388	-1.570796327	-0.421589182	-1.988072293	-3.049028527	-0.203913493	0.9074884	0.6326926	0.495561	0.9541324	-1.2640704
6525000000	2.827433388	-1.518436449	0.192732924	-1.8812368	-2.429515992	0.187575964	1.0453778	0.6484497	0.5715423	1.0441373	-0.8229666
6525000000	2.827433388	-1.466076572	1.09125253	-2.004396067	-0.907247928	1.20109673	1.2856574	0.630319	0.8114751	1.3185896	-0.094073
6525000000	2.827433388	-1.413716694	1.78036236	-2.205397283	0.266190109	1.2127108524	1.5067328	0.601812	1.0632099	1.631965	0.795176
6525000000	2.827433388	-1.361356817	1.980175798	-2.471151226	0.055121079	2.366484815	1.5776751	0.5660892	1.1233423	1.7244416	0.9617528
6525000000	2.827433388	-1.308996939	1.809502014	-2.856438785	0.218612062	1.918245701	1.5168764	0.5180314	1.0516257	1.5553372	0.6463306
6525000000	2.827433388	-1.256637061	1.650304526	-3.245967249	0.82606148	1.321870519	1.4622797	0.4735908	1.0680858	1.5577732	0.3739956
6525000000	2.827433388	-1.204277184	1.787102818	-3.335853521	0.934324993	1.133812026	1.5090731	0.4638896	1.2400309	1.2983184	0.5224287
6525000000	2.827433388	-1.151917306	2.068514467	-3.060241803	1.445110269	1.18194115	1.6100948	0.4942832	1.3947971	1.3127865	0.8062612
6525000000	2.827433388	-1.099557429	2.028743549	-2.710545566	1.190837343	0.659141712	1.5954175	0.5357294	1.3154773	1.163896	0.6169894
6525000000	2.827433388	-1.047197551	1.350412243	-2.49939092	0.338229832	-0.920706591	1.3647127	0.5624022	1.0809933	0.8089643	-0.2032755
6525000000	2.827433388	-0.994837674	0.128852134	-2.408297317	-0.121034142	-2.772933622	1.0301138	0.5743416	0.9525673	0.5280884	-1.2718917
6525000000	2.827433388	-0.942477796	-1.10654873	-2.405548874	0.091285471	-3.055172703	0.7750775	0.5747052	1.0212417	0.4948604	-1.4480126
6525000000	2.827433388	-0.890117919	-1.756460386	-2.644589008	0.536589008	-2.444850811	0.6673505	0.5439394	1.1315113	0.5695272	-1.3782037
6525000000	2.827433388	-0.837758041	-1.852194048	-3.302389018	0.18935133	-2.391004404	0.6528007	0.4674779	1.0445646	0.5766331	-1.640755
6525000000	2.827433388	-0.785398163	-1.854573094	-4.145759641	-1.10983834	-2.973143897	0.6524432	0.3849675	0.7744906	0.5042961	-2.3728443
6525000000	2.827433388	-0.733038286	-1.891539841	-4.376466879	-2.574026792	-3.722541688	0.6469132	0.3650508	0.5528373	0.4243171	-3.0338756
6525000000	2.827433388	-0.680678408	-1.773078807	-3.804987954	-3.171645386	-4.137610824	0.6648017	0.4163909	0.4817652	0.3856905	-3.1232653
6525000000	2.827433388	-0.628318531	-1.541439928	-3.403474194	-3.171901045	-3.949646427	0.7012373	0.4567227	0.4817369	0.40275	-2.9190923
6525000000	2.827433388	-0.575958653	-1.503065739	-3.9483080675	-3.71516068	-3.67632065	0.7074462	0.4028739	0.425093	0.4291882	-3.0878565
6525000000	2.827433388	-0.523598776	-1.817753892	-5.502141499	-5.098689828	-3.96371601	0.6579981	0.2816994	0.3091228	0.4012018	-3.8457027
6525000000	2.827433388	-0.471238898	-2.426842314	-6.76868794	-6.17388855	-4.694951123	0.5718943	0.2104414	0.2413299	0.3392383	-4.6759475
6525000000	2.827433388	-0.41887902	-3.247035969	-5.695063724	-5.789029889	-5.155906624	0.4734743	0.2694596	0.263692	0.3050769	-4.8422454
6525000000	2.827433388	-0.366519143	-4.288245592	-3.683814339	-4.670623852	-5.085735172	0.3725422	0.4281723	0.3411439	0.3100462	-4.4012119
6525000000	2.827433388	-0.314159265	-5.563785435	-2.341365911	-4.351475572	-5.051724939	0.2777291	0.5832616	0.3671575	0.3124838	-4.1436105
6525000000	2.827433388	-0.261799388	-6.937755826	-1.913505164	-5.804893731	-5.726037276	0.2024065	0.6436496	0.2627306	0.2675447	-3.6333701
6525000000	2.827433388	-0.20943951	-2.307127194	-9.32641532	-7.128211042	-1.1617773	0.1535306	0.5877881	0.1167773	0.193722	-5.8008225
6525000000	2.827433388	-0.157079633	-9.000923739	-3.373974426	-14.19505806	-8.22922721	0.1258658	0.4598356	0.0380622	0.1505593	-7.1313789
6525000000	2.827433388	-0.104719755									

6525000000	2.827433388	2.303834613	-10.11216689	-8.376392387	-8.505219884	-10.18737028	0.0974503	0.1453318	0.1410841	0.0957774	-9.2114131
6525000000	2.827433388	2.35619449	-9.526399173	-10.25126202	-8.23419536	-14.53514523	0.11151219	0.0943787	0.1501691	0.0351954	-10.09589
6525000000	2.827433388	2.408554368	-9.303516461	-10.25768103	-10.12091539	-12.93480047	0.1173947	0.0942393	0.0972542	0.0508768	-10.460411
6525000000	2.827433388	2.460914245	-9.858803028	-9.391325584	-13.44492559	-10.48296779	0.1033046	0.1150449	0.0452385	0.0894753	-10.512076
6525000000	2.827433388	2.513274123	-11.35237066	-8.467575021	-15.25392252	-9.583574087	0.0732425	0.1423123	0.0298269	0.1100633	-10.548474
6525000000	2.827433388	2.565634	-13.65210994	-7.699382874	-16.21077992	-10.48327054	0.0431309	0.1698506	0.0239289	0.0894691	-10.883371
6525000000	2.827433388	2.617993878	-15.58997365	-7.4781333	-18.68690598	-13.5178406	0.0276059	0.1787256	0.0135304	0.0444852	-11.798854
6525000000	2.827433388	2.670353756	-15.75036044	-7.783922114	-21.56897786	-13.19626959	0.026605	0.1665742	0.0069679	0.0479041	-12.075185
6525000000	2.827433388	2.722713633	-14.87075306	-8.002769453	-19.06738463	-9.609370951	0.032578	0.1583883	0.0123954	0.1094115	-11.068304
6525000000	2.827433388	2.775073511	-13.32599668	-7.822500911	-17.11383376	-9.175692917	0.0464944	0.1651011	0.0194364	0.1209012	-10.555999
6525000000	2.827433388	2.827433388	-11.3200346	-7.672434351	-18.54261259	-12.45442472	0.0737898	0.1709057	0.0139875	0.0568274	-11.030464
6525000000	2.827433388	2.879793266	-10.41359871	-7.901485768	-21.20186083	-17.35786258	0.090916	0.1621255	0.0075825	0.0183744	-11.564582
6525000000	2.827433388	2.932153143	-11.79643292	-8.749382823	-20.7318273	-15.7268492	0.0661236	0.1333711	0.0084492	0.0267495	-12.31559
6525000000	2.827433388	2.984513021	-16.07560172	-10.62476345	-21.31334007	-14.34591643	0.0246854	0.0866011	0.0073904	0.0367628	-14.104981
6525000000	2.827433388	3.036872899	-22.55253125	-13.89309476	-23.67126295	-14.63172093	0.0055558	0.0408029	0.0042941	0.0344214	-16.722625
6525000000	2.827433388	3.089232776	-21.45486386	-18.231179	-21.80282471	-17.45014195	0.0071534	0.0150273	0.0066026	0.0179881	-19.320785
6525000000	2.827433388	3.141592654	-17.03598009	-21.74376261	-21.05199173	-19.75045077	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.879793266	-3.141592654	-17.03598025	-21.74376252	-21.051992	-19.75045077	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.879793266	-3.089232776	-14.41499876	-24.30499925	-20.61213052	-15.14458191	0.0361826	0.0037111	0.0086853	0.0305873	-17.035191
6525000000	2.879793266	-3.036872899	-12.25577304	-22.86325749	-15.3157908	-11.50178204	0.0594871	0.0051722	0.0294005	0.0707655	-13.850243
6525000000	2.879793266	-2.984513021	-9.734529206	-20.1135698	-12.62548759	-9.426230392	0.1063034	0.0097469	0.0546325	0.114124	-11.475097
6525000000	2.879793266	-2.932153143	-8.157015363	-20.95513093	-13.05976396	-8.398895253	0.1528616	0.0080258	0.0494338	0.1445808	-10.519517
6525000000	2.879793266	-2.879793266	-7.992665771	-21.09592336	-14.98618192	-7.457668496	0.1587572	0.0077698	0.0317236	0.1759697	-10.247748
6525000000	2.879793266	-2.827433388	-8.214279559	-15.64201451	-16.199982	-6.962540627	0.1508593	0.0272771	0.0239884	0.2012545	-9.9634618
6525000000	2.879793266	-7.71352341	-12.35589963	-18.66533024	-17.685793835	-7.685793835	0.1692952	0.0581313	0.0135977	0.1703808	-9.8779034
6525000000	2.879793266	-7.722713633	-7.22348867	-10.41187213	-20.63408239	-8.161419136	0.1895183	0.0909521	0.0086416	0.1527067	-9.5681594
6525000000	2.879793266	-7.670353756	-7.22174184	-8.993575291	-11.03786768	-7.28877991	0.1895945	0.1260789	0.0151169	0.1866904	-9.2816577
6525000000	2.879793266	-2.617993878	-7.088777986	-8.72490469	-16.87109324	-6.920366266	0.1954889	0.1341223	0.0205537	0.2032186	-8.590377
6525000000	2.879793266	-2.565634	-6.463296723	-9.807656467	-15.32785409	-7.00129432	0.2257721	0.1045284	0.0293234	0.1994668	-8.545777
6525000000	2.879793266	-2.513274123	-5.523761194	-10.63263975	-15.54379485	-6.765387554	0.2803005	0.0864442	0.027901	0.2106014	-8.2012722
6525000000	2.879793266	-2.460914245	-4.427014765	-10.0021213	-19.30967725	-6.940712102	0.3608266	0.0999512	0.0117228	0.2022687	-7.729946
6525000000	2.879793266	-2.408554368	-3.541557109	-9.731310085	-18.46084313	-7.520198202	0.4424297	0.1063822	0.0142533	0.1770028	-7.3278834
6525000000	2.879793266	-2.35619449	-3.168217428	-10.53724369	-14.69369646	-6.993652921	0.4821457	0.0836321	0.0393915	0.1993818	-6.966392
6525000000	2.879793266	-2.303834613	-3.210706898	-11.92764614	-13.4653394	-5.656604543	0.4774516	0.0641557	0.0450263	0.2718564	-6.6832478
6525000000	2.879793266	-2.251474735	-3.425936638	-13.5925618	-12.76600484	-4.74526785	0.4543665	0.0437264	0.0528859	0.3353306	-6.544746
6525000000	2.879793266	-2.199114858	-3.749238182	-15.58730868	-11.7008995	-4.727915065	0.4217705	0.0276229	0.0675943	0.3738596	-6.5225676
6525000000	2.879793266	-2.14675498	-4.119385546	-16.36551651	-11.16022693	-3.892953263	0.3873124	0.0230913	0.0765557	0.4080418	-6.5023636
6525000000	2.879793266	-2.094395102	-4.124122066	-14.38481604	-11.03787698	-3.507570892	0.3868903	0.036435	0.0787432	0.4459056	-6.2526355
6525000000	2.879793266	-2.042035225	-3.556071773	-11.55724561	-9.800000722	-2.921326418	0.4409535	0.0698675	0.1047128	0.5103491	-5.5056673
6525000000	2.879793266	-1.989675347	-3.062435612	-8.743570792	-7.755880546	-2.016984069	0.4940335	0.1335497	0.1676532	0.6284947	-4.0863201
6525000000	2.879793266	-1.93731547	-3.187196903	-6.276853163	-6.278400489	-1.299887323	0.4800432	0.2365756	0.235917	0.7413295	-3.734954
6525000000	2.879793266	-1.884955592	-3.705353471	-4.432695107	-5.098825081	-1.132880398	0.426054	0.3603549	0.2754974	0.7073923	-3.3906732
6525000000	2.879793266	-1.832595715	-3.815267047	-3.188126894	-5.254247362	-1.118369579	0.4154065	0.4799404	0.2982464	0.7729707	-3.0835189
6525000000	2.879793266	-1.780235837	-3.092726402	-2.334329745	-4.042916947	-0.5486134	0.4905998	0.5842074	0.3554169	0.8813302	-2.381559
6525000000	2.879793266	-1.72787596	-2.120800218	-1.663635369	-3.236696704	0.433938273	0.6136489	0.6817678	0.4746028	1.1050803	-1.4340707
6525000000	2.879793266	-1.675516082	-1.539025362	-1.097146216	-1.079138237	1.028062198	0.7016127	0.7778312	0.5741114	1.2670864	-0.8083797
6525000000	2.879793266	-1.623156204	-1.385045753	-0.648850352	-2.475825073	0.915053956	0.7269347	0.8612217	0.5654803	1.2345407	-0.7209385
6525000000	2.879793266	-1.570796327	-1.274839569	-0.384971948	-2.767196936	0.571312121	0.7456174	0.9151722	0.5287864	1.1405944	-0.7959354
6525000000	2.879793266	-1.518436449	-0.881986754	-0.30715685	-2.050476391	0.783676601	0.8162089	0.9317176	0.6236664	1.1975741	-0.5407122
6525000000	2.879793266	-1.466076572	-0.253575837	-0.409238799	-0.453753271	1.625655686	0.9432839	0.9100728	0.9007923	1.4540039	-0.2203152
6525000000	2.879793266	-1.413716694	0.286083875	-0.708838511	0.761757358	2.404964897	1.0680913	0.8494076	1.1916747	1.7397886	-0.3858882
6525000000	2.879793266	-1.361356817	0.498143477	-1.224991279	1.017593682	2.522914686	1.1215389	0.7542949	1.2640358	1.7876869	-0.9056344
6525000000	2.879793266	-1.308996939	0.464077639	-1.887643556	0.685653313	1.966055858	1.112776	0.6474938	1.710179	1.5725541	-0.5162516
6525000000	2.879793266	-1.256637061	0.482777538	-2.479354099	0.62902789	1.263752362	1.1175778	0.565021	1.1558353	1.3377509	-0.1872162
6525000000	2.879793266	-1.204277184	0.780998967	-2.769332797	1.158605728	0.992127816	1.1970158	0.5285264	1.3057516	1.2566455	-0.3018865
6525000000	2.879793266	-1.151917306	1.220236314	-2.74645807	1.624714009	1.031036859	1.3244136	0.5313176	1.4536887	1.2679545	-0.5855644
6525000000	2.879793266	-1.099557429	1.390217712	-2.584469688	1.379921005	0.57871729	1.3772785	0.5515095	1.374017	1.1425408	-0.4845577
6525000000	2.879793266	-1.047197551	1.049052173	-2.425844705	0.521969377	-0.89951574	1.2732522	0.5702257	1.1277088	0.8129882	-0.2388536
6525000000	2.879793266	-0.994837674	0.321183334	-2.33635208	-0.119113761	-2.73172589	1.0767586	0.5839354	0.9729457	0.533123	-1.0144447
6525000000	2.879793266	-0.942477796	-0.388186156	-2.429904262	0.046875446	-3.165328048	0.9144951	0.5714912	1.0108519	0.4824665	-1.2794505
6525000000	2.879793266	-0.890117919	-0.72746874	-2.923525342	-0.42500962	-2.697114348	0.8457717	0.5100908	1.1028107	0.5373887	-1.2550922
6525000000	2.879793266	-0.837758041	-0.843984147	-3.976386527	0.098835551	-2.734605138	0.8233824	0.4002777	1.0230187	0.5327696	-1.5810342
6525000000	2.879793266	-0.785398163	-1.144625763	-5.281247776	-1.12425554	-3.238759207	0.7683117	0.296398	0.7719238	0.4743775	-2.3825799
6525000000	2.879793266	-0.733038286	-1.641981714	-5.651769952	-2.492730605	-3.509839041	0.6851755	0.2721592	0.5632834	0.4456728	-1.8084123
6525000000	2.879793266	-0.680678408	-1.901135868	-4.668887959	-3.001472302	-3.363511266	0.6458454	0.3412803	0.5010174	0.4609448	-1.3230882
6525000000	2.879793266	-0.628318531	-1.781876835	-3.74122763	-2.909728396	-3.177751121	0.6634563	0.4225492	0.5117138	0.4810884	-1.8424568
6525000000	2.879793266	-0.575958653	-1.705353582	-3.833152177	-3.336659254	-3.31801693	0.6752501	0.4136993	0.4638036	0.4657798	-1.9702012
6525000000	2.879793266	-0.52									

6525000000	2.879793266	1.884955592	-3.87192474	-2.475955883	-6.200005375	-10.8571708	0.4100223	0.5654633	0.239883	0.0820886	-4.8896694
6525000000	2.879793266	1.93731547	-4.758238279	-3.130598343	-6.445597265	-12.95880966	0.3343036	0.4863402	0.2266941	0.0505963	-5.6147296
6525000000	2.879793266	1.989675347	-5.793542898	-4.813824078	-7.30103672	-12.31822715	0.2634182	0.3300788	0.1861641	0.0586377	-6.7866114
6525000000	2.879793266	2.042035225	-6.929741821	-7.310150708	-8.127109465	-8.584949044	0.2027803	0.185774	0.1523313	0.1425953	-7.6733014
6525000000	2.879793266	2.094395102	-8.024643634	-8.28411345	-8.934902056	-5.59399576	0.1575925	0.1484529	0.1277938	0.0758037	-7.5102063
6525000000	2.879793266	2.146754098	-8.754407719	-7.001063439	-10.07394448	-4.087476375	0.1332169	0.1994774	0.0931667	0.3901866	-6.903541
6525000000	2.879793266	2.199114585	-8.882470228	-6.121177751	-11.03466516	-3.904058548	0.129346	0.2442768	0.0788013	0.4609998	-6.6785258
6525000000	2.879793266	2.251474735	-8.404740292	-6.479897366	-9.320068707	-5.24956379	0.1443863	0.2249108	0.1169481	0.2985682	-7.0729358
6525000000	2.879793266	2.303834613	-7.649307849	-7.875009176	-7.725815423	-8.38695682	0.1718182	0.1631169	0.1688179	0.0449787	-7.8999481
6525000000	2.879793266	2.35619449	-7.262287629	-9.486935433	-7.78639426	-11.72263053	0.1878327	0.1125399	0.1664794	0.0672569	-8.7443014
6525000000	2.879793266	2.408554368	-7.665147567	-10.10153457	-9.755519837	-10.41347052	0.1711927	0.0976892	0.1057908	0.0909186	-9.3405507
6525000000	2.879793266	2.460914245	-8.690605023	-9.508435529	-12.76037389	-8.569676802	0.1351884	0.1119841	0.0529618	0.1390056	-9.5945706
6525000000	2.879793266	2.513274123	-9.902051782	-8.418673651	-14.36385529	-8.46556187	0.1018532	0.1439238	0.0366112	0.1423783	-9.7390965
6525000000	2.879793266	2.565634	-11.32565956	-7.547167536	-15.22043735	-10.33270583	0.0736943	0.1759071	0.0300577	0.0926253	-10.311852
6525000000	2.879793266	2.617993878	-12.87255622	-7.314813778	-17.2537283	-13.68086151	0.0516113	0.1855746	0.0188203	0.0428464	-11.26603
6525000000	2.879793266	2.670353756	-14.24125071	-7.639700833	-21.29221893	-11.76594295	0.0376595	0.1721987	0.0074264	0.0665895	-11.489342
6525000000	2.879793266	2.727213633	-15.84175358	-8.032942415	-21.83709143	-8.606175886	0.026051	0.1572917	0.0065507	0.1378243	-10.865362
6525000000	2.879793266	2.775073511	-16.34541141	-8.165854882	-19.76509289	-8.620434963	0.0231984	0.1525508	0.0105558	0.1373904	-10.919234
6525000000	2.879793266	2.827433388	-13.39116215	-8.121391823	-21.88659756	-12.28559515	0.0458019	0.1541206	0.0064765	0.05908	-11.780297
6525000000	2.879793266	2.879793266	-11.61397827	-8.098312804	-24.76190226	-19.13386006	0.0689608	0.1549418	0.0033405	0.0122071	-12.284407
6525000000	2.879793266	2.932153143	-12.75658385	-8.563051974	-21.74440743	-17.8200042	0.053008	0.1392178	0.0066921	0.0165196	-12.687387
6525000000	2.879793266	2.984513021	-17.01294252	-10.15282917	-21.60233409	-15.50554816	0.0198933	0.0965422	0.0069146	0.0281478	-14.216535
6525000000	2.879793266	3.036872899	-22.74316204	-13.29409725	-23.80512221	-15.0776934	0.0053172	0.0468371	0.0041633	0.0310621	-16.606492
6525000000	2.879793266	3.089232776	-21.30978468	-17.75909254	-21.84030619	-17.48114341	0.0073964	0.0167529	0.0065459	0.0178602	-19.158223
6525000000	2.879793266	3.141592654	-21.03598025	-21.74376252	-21.051992	-19.75504508	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.932153143	-3.141592654	-17.03597988	-21.7437623	-21.05199194	-19.75504508	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.932153143	-3.089232776	-14.40840044	-24.3074691	-20.35715685	-15.12961365	0.0362376	0.030709	0.008796	0.030693	-17.020451
6525000000	2.932153143	-3.036872899	-12.22677604	-22.01816275	-15.32032809	-11.45779701	0.0598856	0.0062832	0.0293749	0.071486	-13.792663
6525000000	2.932153143	-2.984513021	-9.60570711	-19.10632744	-12.72432705	-9.405535352	0.1095038	0.0122848	0.0534032	0.1146691	-11.398703
6525000000	2.932153143	-2.932153143	-7.942000588	-20.19741495	-13.31610725	-8.511916161	0.1606201	0.0095556	0.0466004	0.1408667	-10.486105
6525000000	2.932153143	-2.879793266	-7.674964885	-20.85483964	-15.76957177	-7.634034538	0.1708062	0.0082133	0.0264876	0.1724235	-10.246452
6525000000	2.932153143	-2.827433388	-7.813274613	-14.17690666	-17.49755187	-7.040819347	0.1654522	0.0382216	0.0177928	0.1967597	-9.7971505
6525000000	2.932153143	-2.775073511	-7.494924344	-10.63480247	-18.82509247	-7.955057017	0.1780359	0.0864012	0.0131066	0.161308	-9.6901614
6525000000	2.932153143	-2.727213633	-7.24238355	-9.329181454	-18.14236115	-8.895036578	0.1886955	0.116703	0.0153378	0.1289723	-9.491288
6525000000	2.932153143	-2.670353756	-7.165227205	-8.869663004	-16.60934997	-7.512349319	0.1920778	0.1297728	0.0218276	0.177323	-8.8525586
6525000000	2.932153143	-2.617993878	-6.831980408	-9.020886497	-16.68157863	-6.537381472	0.2073968	0.1252885	0.0214705	0.2219534	-8.415515
6525000000	2.932153143	-2.565634	-6.278600412	-9.981300034	-16.38328954	-6.599091886	0.2355808	0.1004315	0.022997	0.2188219	-8.4002589
6525000000	2.932153143	-2.513274123	-5.409596463	-10.18402647	-17.35412667	-6.701215881	0.2877666	0.0985812	0.0183901	0.2137364	-8.126596
6525000000	2.932153143	-2.460914245	-4.23742343	-8.941238912	-21.42695602	-6.893782277	0.3769274	0.1276075	0.0071995	0.2044663	-7.4702526
6525000000	2.932153143	-2.408554368	-3.453098647	-8.430895416	-18.15836603	-7.055311535	0.4515337	0.1435193	0.0512814	0.1970012	-6.9500583
6525000000	2.932153143	-2.35619449	-3.47294707	-9.340089912	-14.79281243	-6.289016894	0.4494747	0.1164102	0.033168	0.2350165	-6.8085782
6525000000	2.932153143	-2.303834613	-4.017505039	-11.23688276	-13.808852035	-5.30279697	0.3965058	0.0752163	0.0416021	0.2949309	-6.8451159
6525000000	2.932153143	-2.251474735	-4.52656613	-13.75967878	-11.6148895	-4.910123963	0.3526496	0.0420758	0.0523011	0.3228402	-7.1564446
6525000000	2.932153143	-2.199114858	-4.827534119	-15.98881775	-11.62138637	-4.715821291	0.3290384	0.0251836	0.0688432	0.337612	-7.208955
6525000000	2.932153143	-2.146754098	-5.013815504	-13.92648332	-11.31319624	-4.235260408	0.3152234	0.0404904	0.0739061	0.3271151	-6.9532909
6525000000	2.932153143	-2.094395102	-4.843856617	-10.48780761	-11.09010948	-3.681897769	0.3278041	0.0893757	0.0778017	0.4283163	-6.3669707
6525000000	2.932153143	-2.042035225	-4.0883449	-8.116574077	-9.143062558	-3.029511438	0.3900906	0.1542917	0.121813	0.4977931	-5.3611132
6525000000	2.932153143	-1.989675347	-3.291092551	-6.266892615	-6.857585171	-2.070426222	0.4686955	0.2362168	0.2061776	0.6208081	-4.1683016
6525000000	2.932153143	-1.93731547	-3.115928936	-4.554198472	-5.526948945	-1.277792658	0.4879857	0.350413	0.2800948	0.7451106	-3.3170634
6525000000	2.932153143	-1.884955592	-3.581370082	-3.13039397	-5.062641338	-1.024049753	0.4383924	0.4863631	0.3116993	0.7899417	-2.9533508
6525000000	2.932153143	-1.832595715	-3.968873653	-2.093036885	-4.880755225	-0.890275792	0.4009707	0.6175844	0.3244326	0.8146525	-2.6885856
6525000000	2.932153143	-1.780235837	-3.477714233	-1.31311246	-4.225549564	-0.197830863	0.4489816	0.3790754	0.3779593	0.9554697	-2.0040342
6525000000	2.932153143	-1.72787596	-2.42620216	-0.649555604	-3.006691424	0.841354927	0.5719786	0.8610819	0.5004156	1.2137675	-1.0412964
6525000000	2.932153143	-1.675516082	-1.62812867	-0.110657872	-2.158429231	1.435190159	0.6873646	0.974842	0.608355	1.3916417	-0.3832075
6525000000	2.932153143	-1.623156204	-1.366173081	0.234617238	-2.147478483	1.279874931	0.7301006	1.0550805	0.6098909	1.3427263	-0.2939441
6525000000	2.932153143	-1.570796327	-1.411749524	0.418394328	-2.34215132	0.822042877	0.7224787	1.1011321	0.5831562	1.2083821	-0.4393378
6525000000	2.932153143	-1.518436449	-1.371827006	0.534210782	-1.576969012	0.847714945	0.7291507	1.1308919	0.6955096	1.255463	-0.5259213
6525000000	2.932153143	-1.466076572	-1.077995412	0.566465433	0.015507008	1.491993307	0.7801901	1.1393222	1.003577	1.4099358	0.3473121
6525000000	2.932153143	-1.413716694	-0.726997101	0.375030153	1.225036045	2.099488538	0.8458635	1.0901921	1.3258781	1.6216191	0.866759
6525000000	2.932153143	-1.361356817	-0.588617924	-0.139338938	-0.1740584775	2.063922063	0.8732492	0.9684253	1.4030026	1.6083931	0.8395658
6525000000	2.932153143	-1.308969939	-0.7108229	-0.865235634	1.074475267	1.348968521	0.8490196	0.819362	1.2807003	1.3642591	0.3275392
6525000000	2.932153143	-1.256637061	-0.884950593	-1.48911908	0.8918453	0.498241948	0.8156521	0.7097217	1.2279609	1.1215643	-0.137996
6525000000	2.932153143	-1.204277184	-0.78599187	-1.835448396	1.327939603	0.167763392	0.8344509	0.6553226	1.3576692	1.0393847	-0.1246472
6525000000	2.932153143	-1.151917306	-0.381882666	-2.042759656	1.790140573	0.297632466	0.9158234	0.6427756	1.510129	1.0709353	-0.1031252
6525000000	2.932153143	-1.099557429	-0.031215153	-2.189820579	1.587197556	0.05067003	0.9928382	0.6039736	1.4411851	1.0117355	-0.0536634
6525000000	2.932153143	-1.047197551	0.002036966	-2.121356277	0.727175253	-1.144693379	1.0004691	0.6135704	1.1822723	0.7682997	-0.5004778
6525000000	2.932153143	-0.994837674	-0.226774591	-1.815175128	-0.036604381	-2.724732765	0.9491231	0.6583889	0.9916609	0.5339821	-1.0608559
6525000000	2.932153143	-0.942477796									

6525000000	2.932153143	1.466076572	-2.637033165	-0.470688987	-0.004527407	0.55039238	0.5448748	0.8972864	0.9989581	1.1351134	-0.4863423
6525000000	2.932153143	1.518436449	-4.098371131	-0.765916974	-0.990455197	-0.683310666	0.3891911	0.8383171	0.7960759	0.8544151	-1.4296932
6525000000	2.932153143	1.570796327	-4.851741193	-0.689745559	-1.258428632	-1.598786856	0.3272095	0.8531501	0.7484403	0.6920243	-1.8362212
6525000000	2.932153143	1.623156204	-4.907118128	-0.594057986	-1.532978325	-2.487494676	0.3230637	0.8721561	0.7025903	0.5639629	-2.1081199
6525000000	2.932153143	1.675516082	-4.744345724	-0.944661957	-2.569598215	-3.938690722	0.3354018	0.8045144	0.5534013	0.4037671	-2.8044404
6525000000	2.932153143	1.72787596	-4.637859039	-1.852537453	-4.293684091	-5.775258142	0.3437274	0.6527491	0.3720759	0.2435295	-3.8905203
6525000000	2.932153143	1.780235837	-4.666442935	-2.90119231	-5.475189363	-6.708306562	0.3414725	0.5127206	0.283455	0.2163777	-1.1939739
6525000000	2.932153143	1.832595715	-4.926665852	-3.425004404	-5.50143404	-6.559563296	0.3216129	0.4544641	0.2817452	0.2208227	-4.9531005
6525000000	2.932153143	1.884955592	-5.516761521	-3.502435834	-5.4449452	-6.731082857	0.2807526	0.4464331	0.2854339	0.1227715	-5.139625
6525000000	2.932153143	1.93731547	-6.316699888	-4.004034732	-5.939178365	-7.860350111	0.2335232	0.3977375	0.2547312	0.1636685	-5.810112
6525000000	2.932153143	1.989675347	-7.040870552	-5.58965751	-6.937404538	-9.010461933	0.1976573	0.2760796	0.2024229	0.1255896	-6.9802135
6525000000	2.932153143	2.042035225	-7.584728764	-7.952255355	-8.041310685	-8.164045425	0.1743922	0.1602413	0.1569889	0.1526144	-7.9301446
6525000000	2.932153143	2.094395102	-8.079740503	-8.603974459	-9.164182364	-6.106359809	0.1565059	0.1379122	0.1212221	0.2451117	-7.8261359
6525000000	2.932153143	2.14675498	-8.598667964	-7.121156632	-10.20663887	-4.522709921	0.1380808	0.1940369	0.0953534	0.3529629	-7.0972386
6525000000	2.932153143	2.199114858	-8.778919496	-6.162033825	-9.679789214	-4.137599947	0.1324671	0.2419896	0.1076517	0.3856914	-6.6364042
6525000000	2.932153143	2.251474735	-8.026735927	-6.403933478	-8.012833173	-5.421453676	0.1575166	0.2288794	0.1580217	0.286982	-6.8225015
6525000000	2.932153143	2.303834613	-6.827017286	-7.550205686	-7.149913524	-8.727605227	0.2076339	0.1575784	0.1927563	0.1340416	-7.5066964
6525000000	2.932153143	2.35619449	-6.280434076	-8.882400517	-7.815139631	-11.36689673	0.2354814	0.1293481	0.1653812	0.0729979	-8.2159253
6525000000	2.932153143	2.408554368	-6.741433908	-9.543858654	-10.09429768	-8.932698288	0.2117662	0.1110744	0.0978521	0.1278587	-6.8284266
6525000000	2.932153143	2.460914245	-7.590720217	-9.184142488	-12.80636786	-7.425833958	0.1741518	0.1206662	0.0524038	0.1808906	-8.7993358
6525000000	2.932153143	2.513274123	-7.99260599	-8.230123933	-13.93565496	-8.169037927	0.1587594	0.1503099	0.0404049	0.152439	-9.0143131
6525000000	2.932153143	2.565634	-8.253950186	-7.453222589	-14.53457322	-10.8459169	0.1494875	0.1797535	0.0352	0.0823016	-9.5200256
6525000000	2.932153143	2.617993878	-8.926114503	-7.264994951	-15.81400952	-12.48167311	0.1280526	0.1877157	0.026218	0.0564719	-10.0167792
6525000000	2.932153143	2.670353756	-10.22470896	-7.540616628	-18.72006917	-9.555602746	0.0949575	0.1761726	0.0134274	0.1107745	-10.050981
6525000000	2.932153143	2.722713633	-13.00662703	-7.960415854	-21.65503143	-7.572590152	0.0500423	0.1599405	0.0068312	0.1748803	-10.0919127
6525000000	2.932153143	2.775073511	-18.19071333	-8.409799107	-21.69648093	-8.234109311	0.015168	0.1442182	0.0067663	0.150172	-11.019271
6525000000	2.932153143	2.821343388	-16.29415204	-8.667071419	-25.09781519	-12.06439063	0.0234739	0.135923	0.030919	0.062167	-12.505423
6525000000	2.932153143	2.879793266	-13.21410718	-8.476256164	-27.66140557	-19.45565578	0.0477078	0.1420281	0.0017134	0.0113353	-12.950249
6525000000	2.932153143	2.932153143	-14.07129717	-8.523809021	-22.20397411	-20.1598625	0.0391625	0.1404815	0.0060201	0.0096386	-13.113518
6525000000	2.932153143	2.984513021	-18.29148105	-9.789107254	-21.69430744	-16.86046982	0.0148201	0.1049758	0.0067697	0.0206041	-14.342415
6525000000	2.932153143	3.036872899	-22.88071217	-12.76932902	-23.86127605	-15.54506359	0.0051514	0.0528527	0.0041103	0.0278929	-16.477822
6525000000	2.932153143	3.089232776	-21.14604977	-17.31239372	-21.87312081	-17.51699173	0.0076806	0.185678	0.0064966	0.0177134	-18.991266
6525000000	2.932153143	3.141592654	-17.03597988	-21.7437623	-21.05199195	-19.75045107	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.984513021	-3.141592654	-17.03598005	-21.74376246	-21.05199195	-19.75045107	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	2.984513021	-3.089232776	-14.41447217	-24.19358065	-20.52148742	-15.12345249	0.036187	0.0038075	0.0088685	0.0307365	-17.011492
6525000000	2.984513021	-3.036872899	-12.22377092	-21.23192883	-15.37834794	-11.41733482	0.0599271	0.0075302	0.0289845	0.072155	-13.752108
6525000000	2.984513021	-2.984513021	-9.509415776	-18.22987606	-12.90077795	-9.35943485	0.1119588	0.0150318	0.051277	0.1158928	-11.347477
6525000000	2.984513021	-2.932153143	-7.757736876	-19.2400315	-13.67412741	-8.586419353	0.1675816	0.0119123	0.0429128	0.1384708	-10.447002
6525000000	2.984513021	-2.879793266	-7.388058515	-20.54840115	-16.69783109	-7.863814042	0.1824711	0.0088137	0.0213903	0.163538	-10.26626
6525000000	2.984513021	-2.827433388	-7.449100936	-13.3881534	-18.8572306	-7.234300952	0.1799243	0.0458337	0.01301	0.1890471	-9.7080394
6525000000	2.984513021	-2.775073511	-7.185888931	-9.635268754	-18.15862305	-8.304604183	0.1911662	0.108761	0.0152805	0.1477541	-9.3651483
6525000000	2.984513021	-2.722713633	-6.897473135	-8.70664169	-15.91052212	-9.820735891	0.2042926	0.1346901	0.0256418	0.1042141	-9.3103662
6525000000	2.984513021	-2.670353756	-6.630274715	-9.250400121	-14.9984011	-7.910224422	0.2127564	0.1188393	0.0316344	0.1617996	-8.7816966
6525000000	2.984513021	-2.617993878	-6.361052035	-10.25298479	-16.14323342	-6.317400955	0.2311505	0.0943412	0.0243039	0.2334855	-8.3618206
6525000000	2.984513021	-2.565634	-6.127328177	-11.52165594	-17.06836039	-6.311980453	0.2439311	0.0704424	0.019641	0.2337771	-8.4787098
6525000000	2.984513021	-2.513274123	-5.374486405	-11.4668121	-18.37493175	-6.705186859	0.2901024	0.0716669	0.0145381	0.213541	-8.3131955
6525000000	2.984513021	-2.460914245	-4.219425884	-9.562157267	-20.87565383	-6.798885995	0.3784926	0.1106074	0.008174	0.2089832	-7.5309707
6525000000	2.984513021	-2.408554368	-3.720202255	-8.696622252	-17.36424026	-6.372244532	0.4245998	0.1350012	0.0183475	0.2305555	-6.943778
6525000000	2.984513021	-2.35619449	-4.269319536	-9.549395888	-14.94257292	-5.336080384	0.3741692	0.1109239	0.0321768	0.292679	-6.935974
6525000000	2.984513021	-2.303834613	-5.163342774	-11.62632879	-14.14577634	-4.635018936	0.304555	0.0687649	0.0384966	0.3439522	-7.2367106
6525000000	2.984513021	-2.251474735	-5.296802951	-14.66182453	-12.74004815	-4.774636095	0.2953383	0.0341836	0.0532102	0.330707	-7.4726663
6525000000	2.984513021	-2.199114858	-4.909230957	-17.57467578	-11.37434961	-5.046730098	0.3229066	0.0174796	0.0728712	0.3128434	-7.4106305
6525000000	2.984513021	-2.14675498	-4.672630946	-13.52147999	-11.06272224	-4.636542321	0.3409863	0.044448	0.0782939	0.3438316	-6.9485383
6525000000	2.984513021	-2.094395102	-4.369801073	-9.106349319	-10.42799702	-3.979414019	0.3656115	0.1228471	0.090615	0.3999987	-6.1124516
6525000000	2.984513021	-2.042035225	-3.552849885	-6.528495142	-8.161689652	-3.294711184	0.4412808	0.222408	0.1526972	0.4683051	-5.9326128
6525000000	2.984513021	-1.989675347	-2.65250093	-4.855924664	-6.068276205	-2.347351248	0.5429376	0.3268944	0.2472705	0.5824583	-5.7172326
6525000000	2.984513021	-1.93731547	-2.39890255	-3.47582822	-5.567698528	-1.567685678	0.5755854	0.4491767	0.3148597	0.6969558	-2.931505
6525000000	2.984513021	-1.884955592	-2.826088427	-2.361239883	-4.752735195	-1.343625701	0.5216643	0.5805986	0.3347545	0.7339009	-2.6541648
6525000000	2.984513021	-1.832595715	-2.360192823	-1.607777596	-4.672811638	-1.236814342	0.4942887	0.6095931	0.3406582	0.7521474	-2.4456071
6525000000	2.984513021	-1.780235837	-2.263349241	-1.087600607	-4.055371614	-0.509323879	0.593834	0.7784665	0.3930636	0.8893396	-1.7804393
6525000000	2.984513021	-1.72787596	-1.050107034	-0.59639126	-2.832738054	0.604286822	0.7852163	0.8716876	0.5208662	1.1492875	-0.7999967
6525000000	2.984513021	-1.675516082	-0.324230473	-0.1427746	-1.905353448	1.256663821	0.9280619	0.9676594	0.6448588	1.3355692	-0.1365949
6525000000	2.984513021	-1.623156204	-0.302224317	0.116414489	-1.761340006	1.118346878	0.9327764	1.0271679	0.6666011	1.2937033	-0.0874637
6525000000	2.984513021	-1.570796327	-0.651790633	0.195452042	-0.598514523	0.598514523	0.8606388	1.0460326	0.6523041	1.147761	-0.306829
6525000000	2.984513021	-1.518436449	-0.829097237	0.291242953	-1.114571483	0.473309469	0.8262097	1.0693609	0.7376566	1.115144	-0.2406626
6525000000	2.984513021	-1.466076572	-0.587598417	0.449870935	0.406142468	0.945369708	0.8734542	1.1091419	1.0980301	1.2431885	-0.3380708
6525000000	2.984513021	-1.413716694	-0.189331569	0.44872689	1.586429143	1.41738169	0.9573414	1.1088497	1.4409301	1.38592	0.8751889
6525000000	2.984513021	-1.36135681									

6525000000	2.984513021	1.047197551	0.68339485	2.410902091	1.826347484	0.983446184	1.1704139	1.7421687	1.5227715	1.254136	1.5301336
6525000000	2.984513021	1.099557429	0.840830352	2.035943127	2.557860559	2.57456411	1.2136209	1.5980645	1.8021297	1.8090743	2.0567046
6525000000	2.984513021	1.151917306	0.561122428	1.296600835	2.461858757	3.383847686	1.1379213	1.3479075	1.7627303	2.17964	2.0602933
6525000000	2.984513021	1.204277184	0.029555185	0.533488461	1.889873433	3.270220271	1.0068285	1.1307038	1.5452094	2.123353	1.6182413
6525000000	2.984513021	1.256637061	-0.33971419	0.064695582	1.653733676	2.631475032	0.924759	1.0150082	1.4634348	1.8329369	1.1695116
6525000000	2.984513021	1.308996393	-0.528471708	-0.115520011	1.971534716	1.938579408	0.8854271	0.9735152	1.5745392	1.5626364	0.965932
6525000000	2.984513021	1.361356817	-0.975518374	-0.289947849	1.24652116	1.246962749	0.7988186	0.9354169	1.6310423	1.3325892	0.6984072
6525000000	2.984513021	1.413716694	-2.05679092	-0.665621847	1.510584296	0.197369764	0.6227603	0.8579023	1.4159843	1.0464946	-0.0621764
6525000000	2.984513021	1.466076572	-3.690139026	-1.146386373	0.267163665	-1.351112966	0.4275492	0.7680003	1.0634483	0.7326368	-1.2615146
6525000000	2.984513021	1.518436449	-5.054361113	-1.395949739	-0.2751825092	-2.85180289	0.3122942	0.7251119	0.8410416	0.5185847	-2.2238609
6525000000	2.984513021	1.570796327	-5.381008275	-1.233694456	-1.054437827	-3.49351724	0.2896671	0.752715	0.7844337	0.4473509	-2.4523772
6525000000	2.984513021	1.623156204	-5.199419341	-0.997934573	-1.306717353	-3.620983921	0.3020356	0.7947061	0.7401645	0.4344118	-2.4578206
6525000000	2.984513021	1.675516082	-5.088982767	-1.196829628	-2.220188385	-3.95239642	0.3098145	0.7591315	0.5997651	0.4024949	-2.858367
6525000000	2.984513021	1.72787596	-4.985032315	-2.008117906	-3.655412982	-4.170619137	0.3173195	0.629779	0.4309816	0.3827702	-3.5633756
6525000000	2.984513021	1.780235837	-4.719928641	-3.086698021	-4.560390829	-3.738095339	0.3372929	0.4912813	0.3499137	0.422854	-3.9757595
6525000000	2.984513021	1.832595715	-4.469502922	-3.700498506	-4.668880212	-3.184511911	0.3573137	0.4265306	0.3412809	0.4803401	-3.9645908
6525000000	2.984513021	1.884955592	-4.53510985	-3.767367065	-4.871091619	-3.233681625	0.3519565	0.4200135	0.3257548	0.4793242	-4.0542589
6525000000	2.984513021	1.93731547	-4.989314151	-4.22628355	-5.598750088	-4.061418411	0.3170068	0.3778954	0.2755021	0.2935167	-4.6758927
6525000000	2.984513021	1.989675347	-5.715115051	-5.933375236	-6.758969568	-5.194029744	0.2682184	0.2550718	0.2109129	0.3024106	-5.8644307
6525000000	2.984513021	2.042035225	-6.630873368	-8.816147458	-8.00523508	-5.669269573	0.2172264	0.1313364	0.1582984	0.2710647	-7.112117
6525000000	2.984513021	2.094395102	-7.82564155	-9.531066403	-9.05657119	-5.158568591	0.1649817	0.1114021	0.1242633	0.30489	-7.5354014
6525000000	2.984513021	2.14675498	-9.397053731	-7.291114727	-9.291145287	-4.426002379	0.1148933	0.1865901	0.1177295	0.3609107	-7.0989658
6525000000	2.984513021	2.199114988	-10.56284345	-5.950361278	-8.202587128	-4.498106542	0.0878447	0.2540761	0.151267	0.3549681	-6.7358428
6525000000	2.984513021	2.251474735	-9.546944064	-6.077468208	-7.067892718	-6.300992432	0.1109956	0.2467477	0.1964313	0.2343693	-7.052341
6525000000	2.984513021	2.303834613	-7.633613382	-7.208810098	-7.004211471	-10.76696273	0.1724403	0.1901599	0.1993328	0.0838115	-7.9199925
6525000000	2.984513021	2.35619449	-6.764625027	-8.537946649	-8.42534971	-12.61632567	0.2106384	0.1400249	0.1437027	0.0547479	-8.6239753
6525000000	2.984513021	2.408554368	-7.05212157	-9.207395204	-11.26046894	-8.318391067	0.1971459	0.1200219	0.0748089	0.1472858	-8.7029768
6525000000	2.984513021	2.460914245	-7.402057097	-8.874610174	-13.63720713	-6.93892382	0.1818839	0.1295803	0.0432792	0.2023521	-8.5613036
6525000000	2.984513021	2.513274123	-6.986397226	-7.980578772	-14.02051564	-8.366237826	0.2001522	0.1591997	0.0396231	0.145672	-8.6594491
6525000000	2.984513021	2.565634	-6.559321277	-7.334934816	-14.27423481	-11.41479548	0.220835	0.1847169	0.0373746	0.0721972	-8.901485
6525000000	2.984513021	2.617993878	-6.702878648	-7.283445445	-14.94263429	-10.77101932	0.2136545	0.1869199	0.0316434	0.0837333	-8.8945143
6525000000	2.984513021	2.670353756	-7.635333356	-7.552871166	-17.09316548	-7.950779628	0.172372	0.1756762	0.0195292	0.1602958	-8.7953048
6525000000	2.984513021	2.722713633	-10.15338354	-7.887827586	-20.07707689	-6.992902943	0.0965299	0.1623662	0.098241	0.1998526	-9.3103283
6525000000	2.984513021	2.775073511	-15.89453908	-8.526550555	-21.26501625	-8.280526054	0.0257363	0.1403928	0.0074731	0.1485756	-10.939644
6525000000	2.984513021	2.827433388	-18.93669074	-9.212744317	-23.95400828	-12.10207125	0.0127741	0.1198742	0.0040235	0.0616301	-13.047333
6525000000	2.984513021	2.879793266	-15.07230312	-8.991486659	-25.89741736	-18.63161872	0.0311007	0.1261396	0.0057519	0.0137037	-13.627208
6525000000	2.984513021	2.932153143	-15.7906319	-8.610218409	-23.02496105	-22.42108318	0.0263595	0.137714	0.006259	0.0057265	-13.564017
6525000000	2.984513021	2.984513021	-19.98746841	-9.523412626	-21.61158118	-18.42487972	0.0100289	0.1151598	0.0068999	0.0143718	-14.470302
6525000000	2.984513021	3.036872899	-22.8944671	-12.31511345	-23.84556594	-16.0129964	0.0051352	0.0856798	0.0041252	0.0250348	-16.33652
6525000000	2.984513021	3.089232776	-20.96750897	-16.89313465	-21.90139308	-17.5545106	0.0080029	0.0204497	0.0064545	0.017561	-18.621649
6525000000	2.984513021	3.141592654	-17.03598005	-21.74376246	-21.05199195	-19.75045107	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	3.036872899	-3.141592654	-17.03597997	-21.74376262	-21.05199197	-19.75045107	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	3.036872899	-3.089232776	-14.4326678	-23.98501256	-20.505966	-15.1266913	0.0360357	0.0039498	0.0089021	0.0307136	-17.008948
6525000000	3.036872899	-3.036872899	-12.24536935	-20.50313891	-15.49123623	-11.3826068	0.0596298	0.0088509	0.0282408	0.0727343	-17.300308
6525000000	3.036872899	-2.984513021	-9.44747106	-17.48059845	-13.16149234	-9.290198864	0.1135672	0.0178624	0.0482893	0.1177552	-11.286108
6525000000	3.036872899	-2.932153143	-7.621588959	-18.27429495	-14.14775444	-8.606148855	0.1729184	0.0148789	0.0384806	0.1378431	-10.084183
6525000000	3.036872899	-2.879793266	-7.181962217	-20.67529052	-17.74082718	-8.129770003	0.1913391	0.0085599	0.0168235	0.1538236	-10.332176
6525000000	3.036872899	-2.827433388	-7.195927248	-13.35873681	-19.88640408	-7.552488996	0.1907248	0.0461452	0.010265	0.1756196	-9.7589761
6525000000	3.036872899	-2.775073511	-6.893824727	-9.298761045	-16.94879237	-8.72465532	0.2044643	0.1175233	0.0201893	0.1341326	-9.2417077
6525000000	3.036872899	-2.722713633	-6.43810088	-8.595021961	-14.13498605	-10.88037922	0.2270858	0.1381967	0.0385924	0.0816511	-9.1584752
6525000000	3.036872899	-2.670353756	-6.082158274	-10.28365202	-13.64374908	-8.499628198	0.2464814	0.0936774	0.0432141	0.1412658	-8.8219966
6525000000	3.036872899	-2.617993878	-6.088419651	-13.00337453	-15.50155652	-6.325977251	0.2461263	0.0500798	0.0281763	0.2302409	-8.5588734
6525000000	3.036872899	-2.565634	-6.184413827	-15.0295914	-17.24584857	-6.215732366	0.2407457	0.031408	0.0188454	0.2309159	-8.7776431
6525000000	3.036872899	-2.513274123	-5.416518612	-14.36752756	-17.91849481	-6.785364275	0.2873083	0.0365803	0.0161492	0.2096219	-8.6196616
6525000000	3.036872899	-2.460914245	-4.296452915	-11.48324265	-18.23845002	-6.654085322	0.3718388	0.0710683	0.0150022	0.1260685	-7.7341441
6525000000	3.036872899	-2.408554368	-4.084624754	-10.14721966	-16.08313976	-5.663687138	0.3904249	0.096667	0.0246426	0.2714134	-7.0821624
6525000000	3.036872899	-2.35619449	-4.838279878	-10.94285748	-14.96261136	-4.425941638	0.3282253	0.0804849	0.0318962	0.3609158	-6.981455
6525000000	3.036872899	-2.303834613	-5.157708046	-13.16169367	-14.53911788	-3.859675606	0.3409504	0.048287	0.0351632	0.4111804	-6.991975
6525000000	3.036872899	-2.251474735	-4.26066094	-16.36478404	-12.66380168	-4.303755366	0.3779144	0.0230952	0.0541527	0.3712141	-6.8488213
6525000000	3.036872899	-2.199114858	-3.323803114	-20.14110732	-11.03666706	-5.00646838	0.4651786	0.0096803	0.078765	0.3157571	-6.6284985
6525000000	3.036872899	-2.14675498	-3.060504017	-14.2253294	-10.51531919	-4.861199293	0.4942533	0.0377978	0.0888113	0.3264977	-6.255449
6525000000	3.036872899	-2.094395102	-2.980515481	-8.789911762	-9.455409426	-4.233980168	0.5034408	0.1321322	0.1133598	0.3727263	-5.504602
6525000000	3.036872899	-2.042035225	-2.489789685	-5.751380401	-7.228823872	-3.545255995	0.563665	0.2659879	0.1892856	0.4419849	-4.3743254
6525000000	3.036872899	-1.989675347	-1.883277897	-3.918454878	-5.510894617	-2.623813245	0.6481451	0.0465628	0.2811322	0.5465359	-3.2756363
6525000000	3.036872899	-1.93731547	-1.802049074	-2.577694545	-4.790026181	-1.893230926	0.6603818	0.5527706	0.3318925	0.6466614	-2.6135693
6525000000	3.036872899	-1.884955592	-2.180484829	-1.569683314	-4.685232045	-1.782931599	0.6052733	0.6963737	0.3399883	0.6632952	-2.3934037
6525000000	3.036872899	-1.832595715	-2.160719594	-0.965123942	-4.622538899	-1.869005008	0.6080342	0.8007328	0.344942	0.6502793	-2.2112763
6525000000	3.036872899	-1.786235837									

6525000000	3.036872899	0.628318531	-2.932791307	-1.920941772	-1.422091707	0.599591101	0.5090036	0.6425484	0.7207603	1.1480455	-1.220016
6525000000	3.036872899	0.680678408	-3.290564691	-0.663106255	-1.67369752	0.959915231	0.4687524	0.8583993	0.6797716	1.2473592	-0.8960473
6525000000	3.036872899	0.730382806	-2.154873807	0.331946738	-0.16344709	1.384014709	0.6088532	1.0794305	0.6831302	1.3753128	-0.2840798
6525000000	3.036872899	0.785398163	-0.293048542	0.807560035	-0.904922719	2.14028791	0.9347493	1.2043591	0.8119097	1.636925	0.5955804
6525000000	3.036872899	0.84483378	0.84483378	0.860096856	-0.12649107	2.762737082	1.2147401	1.219168	0.9712944	1.8891816	1.2174035
6525000000	3.036872899	0.890119719	0.94165362	0.820677148	-0.047215032	2.494746475	1.2421252	1.2080022	1.010931	1.7761296	1.1703816
6525000000	3.036872899	0.942477796	0.337188538	0.961580494	-0.05365839	0.992987365	1.0807341	1.2478375	0.9877207	1.2568942	0.58158693
6525000000	3.036872899	0.994837674	-0.191414694	1.20896885	0.446083033	-0.705965065	0.9568823	1.3209874	1.1081749	0.8499698	0.2489744
6525000000	3.036872899	1.047197551	-0.12085018	1.251861405	1.593635096	0.179324403	0.9725568	1.3340931	1.4433229	1.0421553	0.7846843
6525000000	3.036872899	1.099557429	0.172118824	0.876747108	2.454653999	2.179324196	1.0404276	1.2236993	1.7598085	1.6517048	1.5195486
6525000000	3.036872899	1.151917306	0.278541793	0.136531262	2.499938948	3.179137209	1.0662381	1.0319369	1.7782544	2.0792846	1.7287376
6525000000	3.036872899	1.204277184	0.312664383	-0.662412654	2.011273416	3.056425817	1.0746485	0.8585364	1.5890129	2.0213539	1.4172782
6525000000	3.036872899	1.256637061	0.487130139	-1.156649562	1.765479886	2.234244315	1.1186984	0.7661875	1.5015783	1.6727246	1.0202089
6525000000	3.036872899	1.308996939	0.601129277	-1.261882217	2.05192296	1.251600662	1.1484522	0.7478453	1.6039554	1.334013	0.8227055
6525000000	3.036872899	1.361356817	0.233438413	-1.244572842	2.228645087	0.27376715	1.055222	0.7508319	1.6705693	1.0650665	0.5515747
6525000000	3.036872899	1.413716694	-0.838343081	-1.399637804	1.685458467	-1.101767754	0.8244526	0.7244964	1.4741642	0.7759312	-0.2238563
6525000000	3.036872899	1.466076572	-2.419148214	-1.746671667	0.506389638	-3.145192054	0.5729084	0.6688563	1.1236705	0.4847807	-0.14719321
6525000000	3.036872899	1.518436449	-3.764398304	-1.967147915	-0.519340389	-4.965367319	0.4203008	0.6357483	0.8872908	0.3187596	-2.475483
6525000000	3.036872899	1.570796327	-0.247430596	-1.762330977	-0.867653517	-4.894302131	0.3760598	0.666449	0.8207949	0.3240185	-6.2147273
6525000000	3.036872899	1.623156204	-4.244079499	-1.391867307	-1.05938166	-3.931117066	0.3763501	0.7257938	0.7821791	0.4044718	-2.4245313
6525000000	3.036872899	1.675516082	-4.180318582	-1.4072938	-1.811207844	-3.363946597	0.3819163	0.7232203	0.6589906	0.4608985	-2.5472496
6525000000	3.036872899	1.72787596	-3.926590931	-2.053497368	-2.990139722	-2.950783188	0.4048936	0.6232327	0.5023264	0.5068993	-2.9299391
6525000000	3.036872899	1.780235837	-3.353605013	-3.007138134	-3.822513303	-2.318598212	0.4619974	0.5003642	0.414714	0.5863274	-2.0905507
6525000000	3.036872899	1.832595715	-2.749507989	-3.48115841	-4.184196799	-1.815241304	0.5309446	0.4486257	0.3847515	0.6583788	-2.9612838
6525000000	3.036872899	1.884955592	-2.483271495	-3.364025738	-4.602091415	-1.919305026	0.5645116	0.4608901	0.3465699	0.6427906	-2.8175409
6525000000	3.036872899	1.93731547	-2.729534184	-3.639033748	-5.509099279	-2.718556738	0.5333921	0.4326101	0.2812484	0.534742	-3.515409
6525000000	3.036872899	1.989675347	-3.545293898	-5.226860326	-8.349831028	-3.777009919	0.4420492	0.3001332	0.209565	0.419082	-4.650766
6525000000	3.036872899	2.042035225	-4.976300233	-8.420252686	-8.079453788	-4.356534518	0.3179582	0.1438715	0.1556161	0.3667301	-6.0898728
6525000000	3.036872899	2.094395102	-7.104840881	-10.18919146	-8.40632839	-4.283904397	0.1947672	0.0957372	0.1305981	0.3729148	-7.0223002
6525000000	3.036872899	2.14675498	-10.01501401	-7.710786093	-8.443719734	-4.160387706	0.0996549	0.1694031	0.1430962	0.383673	-7.0124123
6525000000	3.036872899	2.199114858	-12.59361954	-5.946677749	-7.373188279	-4.846294358	0.0550349	0.2542917	0.1848467	0.3276201	-6.8729732
6525000000	3.036872899	2.251474735	-11.37147261	-5.830403654	-6.758434087	-7.422368241	0.072921	0.2611919	0.2109389	0.1810353	-6.4107131
6525000000	3.036872899	2.303834613	-9.02356197	-6.879435772	-7.421445005	-9.12255471	0.1252114	0.2051429	0.1810738	0.400527	-8.6015633
6525000000	3.036872899	2.35619449	-8.142237049	-8.329971032	-9.687963314	-13.71615441	0.1533827	0.1468936	0.1074493	0.0424996	-9.4863022
6525000000	3.036872899	2.408554368	-8.345423104	-9.197508268	-13.37229957	-7.999921134	0.1463719	0.1202954	0.0460013	0.1584922	-9.2889082
6525000000	3.036872899	2.460914245	-8.092386328	-8.824579634	-15.16669934	-6.782648613	0.1551534	0.1310817	0.030432	0.209766	-8.807168
6525000000	3.036872899	2.513274123	-7.008158738	-7.777919295	-14.52248737	-8.594740413	0.1991517	0.1668046	0.0352981	0.1382057	-8.7010061
6525000000	3.036872899	2.565634	-6.159227527	-7.144325298	-14.40871832	-11.26287604	0.242146	0.1390045	0.036235	0.0747674	-8.647575
6525000000	3.036872899	2.617993876	-5.885800706	-7.273570361	-14.80538577	-9.361582889	0.2578813	0.1873454	0.0330721	0.1158355	-8.2815737
6525000000	3.036872899	2.667303575	-6.382874003	-7.662795855	-16.49332541	-7.144306398	0.2299919	0.1712854	0.0224126	0.1930053	-8.11993
6525000000	3.036872899	2.722713633	-8.398035935	-7.896296024	-18.84079568	-7.041742263	0.1446094	0.1623194	0.0130593	0.1976177	-8.8806091
6525000000	3.036872899	2.775073511	-13.01355205	-8.551252941	-19.344714249	-8.920090852	0.0499626	0.1395966	0.0116286	0.1282065	-10.84394
6525000000	3.036872899	2.827433388	-18.11056035	-9.65528779	-20.64957311	-12.55273434	0.0154506	0.1082608	0.086108	0.0555554	-13.28185
6525000000	3.036872899	2.879793266	-16.69297765	-9.579487611	-22.73580828	-17.61178254	0.0214142	0.1101669	0.0053262	0.0173309	-14.138678
6525000000	3.036872899	2.932153143	-17.96913248	-8.795907179	-21.47156674	-23.85626787	0.015962	0.13195	0.007126	0.004415	-14.002453
6525000000	3.036872899	2.984513021	-22.18949118	-9.344332534	-21.40452038	-20.18588072	0.0060402	0.1162965	0.0072368	0.009581	-14.858625
6525000000	3.036872899	3.036872899	-22.7206944	-11.92673515	-23.77137826	-16.45463367	0.0053448	0.0641692	0.0041963	0.0226223	-16.182871
6525000000	3.036872899	3.089232776	-20.77781906	-16.50227521	-21.92538965	-17.59067693	0.0083602	0.0223755	0.0064189	0.0174154	-18.561062
6525000000	3.036872899	3.141592654	-17.03597997	-21.74376262	-21.05199197	-19.7504507	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	3.089232776	-3.141592654	-17.03597996	-21.74376223	-21.05199191	-19.75045085	0.019788	0.006693	0.0078488	0.0105914	-19.496082
6525000000	3.089232776	-3.089232776	-14.46231669	-23.70696933	-20.50760076	-15.1399263	0.0357905	0.004259	0.0088969	0.0056202	-17.013293
6525000000	3.089232776	-3.036872899	-12.28940784	-19.91785761	-15.65960692	-11.35612091	0.0590282	0.0101909	0.0271669	0.0317192	-13.727233
6525000000	3.089232776	-2.984513021	-9.420335978	-16.84953707	-13.51319372	-9.202918418	0.114279	0.020656	0.0445329	0.1204157	-11.254986
6525000000	3.089232776	-2.932153143	-7.546937887	-17.37196608	-14.7509167	-8.557287151	0.1759164	0.0183149	0.0334895	0.1394027	-10.37429
6525000000	3.089232776	-2.879793266	-7.092058659	-21.30741011	-18.80345329	-8.392532556	0.1953413	0.0074005	0.0131721	0.1447927	-10.449059
6525000000	3.089232776	-2.827433388	-7.109160246	-14.14872856	-20.0085047	-9.987698537	0.1945736	0.0384704	0.0099804	0.1589389	-9.87735
6525000000	3.089232776	-2.775073511	-6.73644401	-9.548197041	-15.63883947	-1.954455981	0.2120096	0.1109635	0.0272971	0.1203526	-9.2938701
6525000000	3.089232776	-2.722713633	-6.124004525	-8.901220408	-12.8353648	-11.91300979	0.2441179	0.1287888	0.0520551	0.0643723	-9.1245456
6525000000	3.089232776	-2.67035756	-5.824411653	-11.82873212	-12.67628722	-9.256916048	0.2615525	0.0656337	0.0539972	0.1186611	-9.032251
6525000000	3.089232776	-2.617993878	-6.188059166	-18.43781029	-14.99102982	-6.60240058	0.2405438	0.0143291	0.0316882	0.2186553	-9.9858265
6525000000	3.089232776	-2.565634	-6.471612356	-19.07034774	-16.90849422	-6.379092793	0.2253402	0.012387	0.0203775	0.2301923	-9.1375596
6525000000	3.089232776	-2.513274123	-5.488331292	-15.9248473	-16.35078473	-6.996774524	0.2825966	0.0255573	0.0231698	0.1996745	-8.7696702
6525000000	3.089232776	-2.460914245	-4.334204193	-13.22949391	-15.53490389	-6.544710622	0.3686206	0.0475391	0.027958	0.2215792	-7.787351
6525000000	3.089232776	-2.408554368	-4.137312008	-11.83455102	-14.50025056	-5.151258339	0.385717	0.0655458	0.0354797	0.3054036	-7.032475
6525000000	3.089232776	-2.35619449	-4.422994913	-12.60323892	-14.60398651	-3.836700428	0.3611607	0.0549131	0.0346419	0.4133614	-6.6550747
6525000000	3.089232776	-2.303834613	-3.901562732	-14.86431884	-14.61869571	-3.386446693	0.4072337	0.0326263	0.0345247	0.4670413	-6.2827374
6525000000	3.089232776	-2.251474735	-2.763461696	-16.6725425	-12.35724087	-3.775769593	0.5292414	0.0215152	0.0581134	0.4192017	-5.9006359
6525000000	3.089232776	-2.199114858	-2								

6525000000	3.089232776	0.20943951	-7.42478026	-9.724409091	-9.987674333	-8.666407324	0.1809347	0.1065514	0.1002842	0.1359438	-8.8296573
6525000000	3.089232776	0.261799388	-7.428453894	-11.0576586	-7.215432443	-5.673250784	0.1807818	0.0783852	0.1898702	0.2708164	-7.4481586
6525000000	3.089232776	0.314159265	-7.529940357	-10.39556093	-5.597747499	-3.258281521	0.1766602	0.0912944	0.2755658	0.4722499	-5.9287621
6525000000	3.089232776	0.366519143	-7.397729786	-8.301509417	-4.648008842	-2.122596567	0.1820652	0.1478594	0.342925	0.6133952	-4.9273636
6525000000	3.089232776	0.389232776	-6.365478291	-6.44975379	-3.946420496	-1.924848373	0.230915	0.2264773	0.4030491	0.6419706	-4.2527094
6525000000	3.089232776	0.471238898	-4.582279021	-5.159139291	-3.270441411	-1.674519027	0.3481546	0.3048499	0.4709324	0.6800614	-3.4582389
6525000000	3.089232776	0.523598776	-3.034350797	-4.219161043	-2.419477197	-0.717469497	0.4972387	0.3785157	0.572865	0.8477212	-2.4102369
6525000000	3.089232776	0.575958653	-2.338079614	-3.305326984	-1.653713636	0.385049071	0.5837032	0.4671618	0.6833271	1.09271	-1.5074924
6525000000	3.089232776	0.628318531	-2.494768024	-2.220854858	-1.378335927	0.986319774	0.5630192	0.599673	0.7280587	1.2549661	-1.0434034
6525000000	3.089232776	0.680678408	-2.680036731	-1.144404858	-1.54417366	0.984114819	0.5395061	0.7683507	0.7007815	1.2543291	-0.8844726
6525000000	3.089232776	0.730382826	-1.700202887	-0.414244896	-1.551965131	0.887416352	0.6760514	0.9090243	0.6995254	1.2267092	-0.5659077
6525000000	3.089232776	0.785398163	-0.104500169	-0.171920969	-0.877155495	1.429320043	0.9762251	0.961187	0.8171174	1.389735	0.1538748
6525000000	3.089232776	0.837758041	0.887043459	-0.293397558	-0.105456413	2.221114196	1.2266039	0.9346742	0.9760102	1.667675	0.7963008
6525000000	3.089232776	0.890117919	0.85430191	-0.497297387	0.067420609	2.193260433	1.2173913	0.8918057	1.0156453	1.6570135	0.7753649
6525000000	3.089232776	0.942477796	-0.018719849	-0.536534038	-0.138257733	0.778252167	0.9956989	0.8837849	0.9686664	1.196259	0.047951
6525000000	3.089232776	0.994837674	-0.889927103	-0.389159878	0.185086958	-1.310276177	0.814718	0.9142901	1.043539	0.7395582	-0.5649246
6525000000	3.089232776	1.047197551	-0.77826308	-0.268663576	1.29944369	-0.829481753	0.8359373	0.9400125	1.3487901	0.8261365	-0.0536654
6525000000	3.089232776	1.099557429	-0.031000219	-0.436099055	2.274520677	1.332046814	0.9928874	0.9404615	1.6883095	1.3589538	0.9207224
6525000000	3.089232776	1.151917306	0.60631342	-0.969372679	2.453530914	2.469468121	1.1498239	0.7999498	1.7593534	1.7658215	1.3632006
6525000000	3.089232776	1.204277184	1.031128877	-1.624721277	2.02239773	2.379525176	1.2679814	0.6879041	1.593088	1.7296272	1.2045882
6525000000	3.089232776	1.256637061	1.357190113	-1.971144218	1.727448557	1.568691363	1.3668442	0.6351636	1.4884863	1.435057	0.9039483
6525000000	3.089232776	1.308996939	1.473007369	-1.839465641	1.966576066	0.7033414	1.4037855	0.6547167	1.5727424	1.1758019	0.7981833
6525000000	3.089232776	1.361356817	1.096013498	-1.538827668	2.188690766	-0.028379014	1.2870676	0.7016447	1.6552706	0.9934868	0.6422109
6525000000	3.089232776	1.413716694	0.035838486	-1.505683618	1.755565248	-1.139334425	1.0082863	0.7070199	1.4981542	0.7692483	-0.0188145
6525000000	3.089232776	1.460767572	-1.632220328	-1.862998266	0.674828649	-2.985608075	0.6867173	0.6511787	1.1681076	0.5028509	-1.2365881
6525000000	3.089232776	1.518436449	-3.43407911	-2.274063703	-0.350068289	-4.731529384	0.453155	0.5923708	0.9225569	0.3363931	-2.3941992
6525000000	3.089232776	1.570796327	-4.639038731	-2.274991981	-0.737575862	-4.591086948	0.343634	0.5922442	0.8438056	0.3474492	-2.7426535
6525000000	3.089232776	1.623156204	-4.960539498	-1.979520257	-0.903815124	-3.447750107	0.3191141	0.6339397	0.8121168	0.4520901	-2.5623224
6525000000	3.089232776	1.67516082	-4.637837664	-1.989930331	-1.479846754	-2.722802812	0.343729	0.632422	0.7112386	0.5342195	-2.5539232
6525000000	3.089232776	1.72787596	-3.876820666	-2.652802493	-2.480421436	-2.348922179	0.4095604	0.5428999	0.5648822	0.5822477	-2.7992547
6525000000	3.089232776	1.780235837	-2.893439736	-3.635990533	-1.381069767	-1.955609312	0.5136367	0.4329133	0.4590849	0.6734396	-2.9177578
6525000000	3.089232776	1.832595715	-2.048369774	-4.01014617	-3.995705355	-1.67788344	0.623969	0.3971782	0.398501	0.6795347	-2.800097
6525000000	3.089232776	1.884955592	-1.657595746	-3.656881612	-4.68875365	-1.925826439	0.6827165	0.4083559	0.3397228	0.6418261	-2.8085498
6525000000	3.089232776	1.93731547	-1.872379761	-3.670223497	-5.701872547	-2.857750149	0.6497735	0.4295143	0.2690375	0.517875	-3.3110172
6525000000	3.089232776	1.989675347	-2.746834566	-4.95737437	-7.00081148	-4.078483502	0.5312715	0.3193468	0.199489	0.3909774	-4.4337049
6525000000	3.089232776	2.042035225	-4.290568488	-7.810090016	-8.252778264	-4.726708688	0.372343	0.1655736	0.1495279	0.3367667	-5.9167051
6525000000	3.089232776	2.094395102	-6.444073762	-9.982262129	-8.731738637	-4.610016096	0.2267377	0.1004093	0.133914	0.3459374	-6.0516758
6525000000	3.089232776	2.14675498	-9.026758222	-8.058510251	-0.83978452	-4.590733771	0.1251193	0.1563684	0.1572542	0.3474474	-7.0651631
6525000000	3.089232776	2.199114858	-11.04784972	-6.193238016	-7.137010623	-5.6062104	0.0785625	0.2402571	0.193594	0.2750293	-7.058407
6525000000	3.089232776	2.251474735	-10.643739	-5.850016509	-7.095471056	-8.73408316	0.0862236	0.260015	0.1951879	0.1338418	-7.7258367
6525000000	3.089232776	2.303834613	-9.41537748	-6.721553463	-8.443746868	-16.26944265	0.1144095	0.2127378	0.1430953	0.0236708	-9.0846455
6525000000	3.089232776	2.35619499	-9.251643942	-8.25081619	-11.84738053	-12.89873449	0.1188052	0.1495954	0.0684324	0.0513011	-10.130781
6525000000	3.089232776	2.408543268	-9.682472593	-9.443641985	-16.50791878	-7.671870411	0.1075853	0.1136674	0.0223464	0.1709279	-9.8450722
6525000000	3.089232776	2.460914245	-9.104574312	-9.93990817	-16.93990817	-6.697749379	0.1228974	0.1245158	0.0202306	0.213907	-9.1941786
6525000000	3.089232776	2.513274123	-7.852829968	-7.677604427	-15.17340693	-8.521081563	0.1639521	0.1707024	0.0303875	0.1045697	-9.8842853
6525000000	3.089232776	2.565634	-6.915620922	-6.892612542	-14.76909065	-10.52886324	0.2034407	0.2045214	0.0333664	0.0885347	-8.7789618
6525000000	3.089232776	2.617993878	-6.267369968	-7.147318515	-15.03531117	-8.643916706	0.2361908	0.1928715	0.0313667	0.1366496	-8.2602845
6525000000	3.089232776	2.670353756	-6.230099345	-7.78588902	-16.53305796	-7.136922119	0.2382265	0.1664988	0.0222174	0.1933338	-8.0947463
6525000000	3.089232776	2.722713633	-7.639752921	-8.007244989	-17.9456878	-7.811002745	0.1721967	0.1582332	0.0160484	0.0565388	-8.9277563
6525000000	3.089232776	2.775073511	-11.09596964	-8.545071116	-17.39949892	-10.30288761	0.0779668	0.1397954	0.0181991	0.0932634	-10.8492329
6525000000	3.089232776	2.827433388	-15.39739127	-9.919495668	-18.08472895	-13.45291047	0.0288576	0.101871	0.0515427	0.0415553	-12.200576
6525000000	3.089232776	2.879793266	-17.25889561	-10.15373	-20.43030202	-16.82986685	0.0187979	0.0965222	0.0090567	0.0207498	-14.403131
6525000000	3.089232776	2.932153143	-20.59143462	-9.050043369	-20.8156529	-23.93154744	0.0087268	0.1244502	0.0082877	0.0040043	-14.319649
6525000000	3.089232776	2.984513021	-24.84912713	-9.240056366	-21.12880796	-22.02697433	0.0032741	0.1191227	0.0077112	0.0062705	-14.673145
6525000000	3.089232776	3.036872899	-22.33026626	-11.59903236	-23.65425286	-16.83830632	0.0058475	0.0691985	0.004311	0.0207095	-16.017712
6525000000	3.089232776	3.089232776	-20.58044754	-16.13998743	-21.94548971	-17.62274388	0.0087489	0.0423221	0.0063893	0.0102872	-18.481129
6525000000	3.089232776	3.141592654	-17.03597996	-21.74376223	-21.05199519	-19.75045085	0.019788	0.006693	0.0078488	0.0105914	-19.496802
7125000000	0	-3.141592654	-19.13630019	-19.90078167	-14.50141598	-19.67111009	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0	-3.089232776	-23.96541674	-14.8611334	-17.82566157	-23.44799881	0.0040129	0.0326503	0.0164981	0.0045206	-18.410205
7125000000	0	-3.036872899	-22.15046066	-12.21737741	-23.56216862	-17.44174061	0.0060947	0.0600153	0.0044033	0.018023	-16.549383
7125000000	0	-2.984513021	-18.3736244	-10.70799005	-21.9058093	-15.19898447	0.0145424	0.0849574	0.0064479	0.0302066	-14.680286
7125000000	0	-2.932153143	-16.43306762	-9.415279381	-16.14751682	-15.3133214	0.0227349	0.114421	0.02428	0.0294217	-13.213707
7125000000	0	-2.879793266	-15.08128895	-8.332117726	-12.48606035	-14.18267979	0.0310364	0.146821	0.0564149	0.0381709	-11.66784
7125000000	0	-2.827433388	-17.84059631	-8.35974371	-10.47772209	-14.21996735	0.0164415	0.14589	0.0589535	0.0378445	-11.400223
7125000000	0	-2.775073511	-19.32944156	-9.429433264	-9.514595259	-15.8025464	0.0116696	0.1140399	0.1118254	0.0174572	-11.955333
7125000000	0	-2.722713633	-9.420593097	-9.511109633	-16.28488266	-17.56288266	0.0755487	0.1142722	0.1119152	0.023524	-10.898292
7125000000	0	-2.670353756	-8.189666858	-8.5012582	-10.47453969	-12.62041144	0.1517167	0.1512218	0.0896491	0.0546964	-9.613053
7125000000	0	-2.617993878	-8.014038021	-8.146189768	-12.0719835	-12.18043424	0.1579778	0.1432431	0.0620586	0.060528	

7125000000	0	-0.20943951	-4.744629087	-10.72224293	-12.98682454	-6.841638984	0.3353799	0.0846754	0.050271	0.206936	-7.7130307
7125000000	0	-0.157079633	-4.799034922	-11.92572418	-12.4434085	-5.605838238	0.3312047	0.0641841	0.056917	0.2750529	-7.402787
7125000000	0	-0.104719755	-5.325617875	-11.80536935	-11.33468443	-5.588245373	0.2933852	0.0659877	0.0735413	0.2761693	-7.5136275
7125000000	0	-0.052359878	-6.049563155	-9.272444012	-10.78969031	-6.475413426	0.2483383	0.1182376	0.0833741	0.2251431	-7.7269635
7125000000	0	-4.44E-16	-6.40429754	-6.929234951	-9.885710013	-7.705971852	0.2288602	0.020804	0.1026666	0.1693561	-7.5453561
7125000000	0	0.052359878	-6.301281931	-5.685872301	-9.570711678	-8.220719944	0.2343537	0.2700305	0.1103898	0.1506357	-7.1816605
7125000000	0	0.104719755	-6.199982132	-4.994512216	-10.42094432	-5.200258059	0.2398843	0.3166276	0.0907623	0.1659488	-6.9185032
7125000000	0	0.157079633	-6.195505529	-4.221828809	-10.74273353	-7.209577799	0.2401317	0.3782833	0.0842804	0.1901263	-6.5129528
7125000000	0	0.20943951	-5.924185545	-3.125182372	-9.256934363	-6.692107319	0.2556121	0.4869471	0.1186606	0.2141851	-5.7048798
7125000000	0	0.261799388	-5.295945029	-1.894958885	-7.491258413	-6.21521283	0.2953966	0.6464041	0.1781862	0.2390445	-4.6883049
7125000000	0	0.314159265	-4.745456293	-1.055715023	-6.543444824	-5.849232735	0.3353161	0.784203	0.2216438	0.2600619	-3.976077
7125000000	0	0.366519143	-4.601469907	-0.981085538	-6.132910243	-5.500040016	0.3466195	0.7977952	0.2436178	0.2818357	-3.7937779
7125000000	0	0.41887902	-4.67384584	-1.52578096	-5.634633577	-4.962410438	0.3408909	0.7037557	0.2732352	0.3189767	-3.8804886
7125000000	0	0.471238898	-4.507927808	-1.999053002	-4.750113883	-4.251983402	0.3541663	0.6310949	0.3349567	0.3756658	-3.7266393
7125000000	0	0.523598776	-4.148491312	-1.788629774	-4.01607486	-3.659389882	0.3847254	0.6624255	0.3966364	0.4305871	-3.2920366
7125000000	0	0.575958653	-4.003596473	-1.204671771	-3.62433	-3.50502224	0.3977776	0.757762	0.4340772	0.4461673	-2.9332825
7125000000	0	0.628318531	-3.944584852	-0.940836224	-3.66356584	-3.585558934	0.4032195	0.8052234	0.4301733	0.4379697	-2.847101
7125000000	0	0.683678408	-3.125888965	-1.22069554	-3.997085993	-2.923373518	0.4868679	0.7549713	0.3983744	0.5101086	-2.6955646
7125000000	0	0.733038286	-4.18283653	-1.393146127	-3.699929962	-1.363359446	0.7213925	0.7258104	0.4265864	0.7305377	-1.8639686
7125000000	0	0.785398163	0.163098408	-0.584287327	-2.439311237	-0.00798806	1.0382689	0.8471204	0.5702541	0.981624	-0.6038012
7125000000	0	0.837758041	0.1016529566	0.57843695	-1.371534134	0.559209229	1.2637261	1.1424671	0.7291999	1.1374202	0.2865392
7125000000	0	0.890117919	1.236130386	1.113291595	-1.492356697	0.506695914	1.3292695	1.2921983	0.7091928	1.1237497	0.4673023
7125000000	0	0.942477796	1.389082032	0.858219881	-2.141315828	0.525931784	1.3769184	1.2184901	0.6107569	1.1287381	0.3491944
7125000000	0	0.994837674	1.901736153	0.246440497	-1.437040434	1.197636764	1.5494359	1.0583859	0.7182836	1.3175396	0.6479902
7125000000	0	0.104719755	2.323869308	-0.194131689	0.493789118	2.056283329	1.7076031	0.9562839	1.120415	1.6055666	1.2951818
7125000000	0	0.109557429	2.11375711	-0.533763572	1.78935313	2.309844803	1.6269556	0.8843489	1.5098552	1.7020977	1.5558329
7125000000	0	0.151917306	1.513994438	-1.22356129	1.524953273	1.843219988	1.4170966	0.7544733	1.4206769	1.5286991	1.0729019
7125000000	0	1.204277184	1.407098141	-2.283065646	0.198484563	1.299120459	1.3826422	0.5911442	1.0467632	1.3486897	0.3834585
7125000000	0	1.8325637061	2.035009741	-3.051158536	-0.346272464	1.35208101	1.5977211	0.495318	0.9233636	1.3652372	0.5957669
7125000000	0	1.30896939	2.578444272	-2.995581204	0.799797938	1.746097958	1.8106914	0.5016974	1.2022085	1.4948919	0.9773345
7125000000	0	1.361356817	2.431772332	-2.564901263	1.954033479	1.693541158	1.7505609	0.5540001	1.5682069	1.4769103	1.2626767
7125000000	0	1.413716694	1.693687967	-2.381686284	1.837510602	0.755764924	1.4769602	0.5778716	1.5266907	1.1900809	0.7660435
7125000000	0	1.466076572	0.980543021	-2.604435652	0.716338952	-0.765597205	1.2532979	0.5489799	1.1793261	0.8383788	-0.1998961
7125000000	0	1.518436449	0.794536606	-2.891957498	-0.157968668	-1.898903678	1.2007529	0.513812	0.9642799	0.6458172	-0.8031247
7125000000	0	1.570796327	0.985825542	-2.743495257	-0.166094439	-1.760960527	1.2548232	0.5316802	0.9624774	0.6666593	-0.6858788
7125000000	0	1.623156204	1.065199876	-2.299715928	-0.214045707	-0.993258338	1.277968	0.5888822	0.951909	0.7955622	-0.4003322
7125000000	0	1.675516082	0.621592854	-2.107865519	-1.126363587	-0.934537075	1.1538764	0.6154793	0.7715492	0.8063922	-0.7736574
7125000000	0	1.72787596	-0.408290773	-2.315015891	-2.581060195	-1.843128552	0.9102715	0.5868112	0.5519427	0.6541648	-1.701834
7125000000	0	1.780235837	-1.563490918	-2.625608014	-3.587911274	-2.795128623	0.6976714	0.5463101	0.4377326	0.5253965	-2.5825932
7125000000	0	1.832595715	-2.014212193	-2.827805187	-3.865988676	-2.752970594	0.6288959	0.5214582	0.4105832	0.5305214	-2.816107
7125000000	0	1.884955592	-1.751137595	-3.218142196	-4.030873518	-2.391529903	0.6681689	0.4766348	0.3952904	0.5756353	-2.7640942
7125000000	0	1.93731547	-1.881660648	-4.138257025	-4.899978879	-2.741463946	0.6483865	0.3856331	0.3235952	0.5319289	-3.2570305
7125000000	0	1.989675347	-2.852358213	-5.475106287	-6.857078663	-3.746739799	0.5185184	0.2834584	0.2062016	0.4220132	-4.4666575
7125000000	0	2.042053225	-3.736487713	-6.970266171	-8.364387321	-4.467260533	0.4230106	0.200897	0.1457341	0.3414082	-5.5632644
7125000000	0	2.094395102	-3.723894831	-9.097660495	-8.093916641	-5.351332654	0.4242389	0.1230932	0.1550988	0.2916532	-6.0463688
7125000000	0	2.14675498	-3.780465161	-13.07128463	-7.830979371	-6.048265786	0.4187487	0.0493028	0.1647791	0.2484125	-6.5696428
7125000000	0	2.199114858	-4.557901484	-18.2988648	-7.671767982	-6.087747691	0.3501143	0.014795	0.1709319	0.2461644	-7.0885014
7125000000	0	2.251474735	-5.24012461	-16.61645198	-7.402981421	-5.176333983	0.2992179	0.0217949	0.1818452	0.3036453	-6.9543814
7125000000	0	2.303834613	-4.813935002	-13.77334378	-8.34810411	-4.479559562	0.3300703	0.0419436	0.1462816	0.3564873	-6.6015977
7125000000	0	2.35619449	-3.989032924	-11.88223949	-11.97302839	-4.846354285	0.3991138	0.06483	0.0634888	0.3276156	-6.7006941
7125000000	0	2.408554368	-3.687107324	-11.3918542	-15.84118187	-6.192664212	0.4278478	0.0725796	0.2605044	0.2402888	-7.1739452
7125000000	0	2.460914245	-4.016703926	-12.7303032	-12.76664536	-7.231226417	0.3965789	0.0532398	0.0528854	0.1891809	-7.6196961
7125000000	0	2.5382174123	-4.23001007	-14.12073672	-10.32940229	-7.396388149	0.3775713	0.0387192	0.0926957	0.1821215	-7.6251424
7125000000	0	2.565634	-4.006239528	-12.92429701	-9.450828097	-7.854705621	0.3975356	0.051	0.1134794	0.1638813	-7.1418536
7125000000	0	2.617993878	-4.596583818	-11.11006173	-10.27859521	-7.964123517	0.3470097	0.0774451	0.0937865	0.159804	-7.7080127
7125000000	0	2.670353756	-6.868765221	-9.631403383	-13.41385221	-7.622959258	0.2056475	0.1088578	0.0455633	0.1278638	-8.7538786
7125000000	0	2.722713633	-8.852712851	-9.258418839	-15.3366193	-8.530062687	0.1302353	0.1186201	0.0292643	0.1402793	-9.8046936
7125000000	0	2.775073511	-8.265112798	-10.99290163	-11.69556208	-9.73628055	0.1491038	0.0795628	0.0676774	0.1062605	-9.971813
7125000000	0	2.827433388	-8.561761678	-14.63582701	-9.983470109	-9.322424967	0.1392592	0.0343888	0.1003813	0.1168847	-10.099788
7125000000	0	2.879793266	-9.606543872	-15.96593459	-10.86912556	-9.248197746	0.1094827	0.0253167	0.081863	0.1188996	-10.762873
7125000000	0	2.932153143	-9.49392146	-15.94172794	-13.76278955	-9.762383703	0.112359	0.0254582	0.0420456	0.1056238	-11.464743
7125000000	0	2.984513021	-10.52123082	-18.62219904	-17.01000648	-11.17637704	0.0886905	0.0137335	0.0199067	0.0762715	-11.404761
7125000000	0	3.036872899	-14.83500708	-25.01588932	-16.77739108	-15.17752589	0.0328473	0.0031507	0.021002	0.0303562	-16.607621
7125000000	0	3.089232776	-19.31213652	-29.80294556	-14.59087447	-18.69806134	0.0117162	0.0010464	0.0347466	0.0134957	-18.166954
7125000000	0	3.141592654	-19.13630019	-19.90078167	-14.50141598	-19.67111009	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.052359878	-3.141592654	-19.13630003	-19.90078154	-14.50141222	-19.67111021	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.052359878	-3.089232776	-23.95733644	-14.84987139	-17.71304875	-23.43060742	0.0040204	0.032735	0.0169315	0.0045388	-18.369454
7125000000	0.052359878	-3.036872899	-22.308213	-12.21054745	-23.6001892	-18.18256543	0.0058773	0.0601098	0.004365	0.0515965	-16.984742
7125000000	0.052359878	-2.984513021	-19.39894377	-10.4635032	-21.196474	-15.3546072	0.0114843	0.0898772	0.0075919	0.0291309	-14.619154
7125000000	0.052359878	-2.932153143	-18.96800047	-9.11672736	-15.165278	-14.66652332	0.0126824	0.1225539	0.0304419	0.0341466	-13.014105
7125000000	0.052359878	-2.879793266	-17.41155663	-8.203768548	-11.77294717	-14.30906735	0.0181847	0.1512248	0		

7125000000	0.052359878	-0.628318531	-0.758685762	-5.566954126	-0.937056167	-0.258308538	0.8397141	0.2775266	0.8059245	0.9422565	-1.4487145
7125000000	0.052359878	-0.575958653	-1.695126892	-6.768418968	-1.222827323	-2.68666761	0.676842	0.2104544	0.7546008	0.5386883	-2.6348792
7125000000	0.052359878	-0.523598776	-3.048131804	-8.321131059	-2.351802572	-4.782640289	0.4956634	0.1471929	0.5818617	0.3324574	-4.0972248
7125000000	0.052359878	-0.471238898	-3.657444563	-9.36767165	-3.753167466	-3.618692516	0.43078	0.1156732	0.4231246	0.4346411	-4.5462516
7125000000	0.052359878	-0.41887902	-4.058298215	-8.996403207	-4.895094067	-2.815667121	0.3927988	0.1259968	0.3239594	0.5292176	-3.6671336
7125000000	0.052359878	-0.366519143	-4.806434612	-8.349060623	-6.045307745	-4.214414333	0.3306409	0.1462493	0.2485817	0.3789296	-5.583927
7125000000	0.052359878	-0.314159265	-5.265951186	-8.616315131	-7.941129551	-7.34216826	0.2974438	0.1375208	0.1606523	0.1844095	-7.099507
7125000000	0.052359878	-0.261799388	-5.081636515	-9.726755251	-10.76852873	-8.180424047	0.310339	0.1064938	0.0837813	0.1520399	-7.8737696
7125000000	0.052359878	-0.20943951	-4.749529195	-10.75849812	-12.7315233	-6.381301404	0.3350018	0.083975	0.0533148	0.2300752	-7.5549602
7125000000	0.052359878	-0.157079633	-4.716445634	-11.68582016	-12.12169581	-5.507102669	0.3375635	0.0678294	0.0613522	0.2813777	-7.2808708
7125000000	0.052359878	-0.104719755	-5.18250939	-11.94243543	-11.13480931	-5.674085776	0.3032139	0.0639376	0.077005	0.2707643	-7.4780204
7125000000	0.052359878	-0.052359878	-5.950682565	-9.483366903	-10.74489203	-6.528184621	0.2540573	0.1126324	0.0842385	0.2224239	-7.738177
7125000000	0.052359878	-4.44E-16	-6.404297715	-6.92923509	-9.885710237	-7.705971693	0.2288602	0.202804	0.1026666	0.169591	-7.5453562
7125000000	0.052359878	0.052359878	-6.355478038	-5.588935302	-9.602076663	-8.248972126	0.2314473	0.2761255	0.1095954	0.149659	-7.1736248
7125000000	0.052359878	0.104719755	-6.347623787	-4.854892952	-10.50913811	-7.71717247	0.2318663	0.3269721	0.0889378	0.1691542	-6.8987496
7125000000	0.052359878	0.157079633	-6.541098784	-4.061946237	-10.94062366	-6.982203407	0.2217635	0.392469	0.0805263	0.2003455	-6.5018632
7125000000	0.052359878	0.20943951	-6.383745405	-3.084159741	-9.578310041	-6.38655067	0.2299458	0.4915685	0.1101968	0.2297973	-7.5613657
7125000000	0.052359878	0.261799388	-5.672487262	-2.122215027	-7.833950259	-5.813571912	0.270864	0.613449	0.1646664	0.2622061	-6.8439584
7125000000	0.052359878	0.314159265	-5.066683665	-1.53099766	-6.833714534	-5.395683894	0.3114093	0.7029108	0.207314	0.2886899	-4.2298986
7125000000	0.052359878	0.366519143	-4.982031139	-1.499797115	-6.316935303	-5.154222772	0.3175389	0.7077989	0.2335105	0.3051952	-4.0776119
7125000000	0.052359878	0.41887902	-5.098374423	-1.790832952	-5.565839679	-4.741879245	0.3091452	0.6620895	0.2775978	0.3355924	-4.0218833
7125000000	0.052359878	0.471238898	-4.878620436	-1.988226948	-4.329556557	-3.947300426	0.3251906	0.6326701	0.3690153	0.4029674	-3.6405321
7125000000	0.052359878	0.523598776	-4.451980145	-1.861980204	-3.78297265	-3.16424209	0.3587583	0.6513313	0.4593781	0.4827895	-3.1152295
7125000000	0.052359878	0.575958653	-4.204218057	-1.366330961	-3.025424099	-2.972564523	0.3798203	0.730074	0.4982618	0.5043634	-2.7725926
7125000000	0.052359878	0.628318531	-3.866574522	-0.838470425	-3.267194589	-3.331321587	0.4105278	0.8244284	0.4712817	0.4643739	-2.6547783
7125000000	0.052359878	0.680678408	-2.704079836	-0.707603286	-3.788519835	-2.87213332	0.5365275	0.8496492	0.4179728	0.5161628	-2.3651354
7125000000	0.052359878	0.730382806	-0.915001775	-0.662503872	-3.545891787	-0.992435686	0.8100276	0.8585184	0.4419883	0.795713	-1.3872742
7125000000	0.052359878	0.785398163	0.558998938	0.041926029	-2.25975614	0.681792238	1.1373651	1.0097006	0.5943255	1.1669821	-0.0937032
7125000000	0.052359878	0.837758041	1.288160529	1.005382301	-1.231888755	1.340406342	1.3452904	1.2604865	0.753028	1.3615721	0.719167
7125000000	0.052359878	0.890117919	1.440878906	1.328471732	-1.410545042	1.188144466	1.3934388	1.3578355	0.7226791	1.314663	0.7815006
7125000000	0.052359878	0.942477796	1.57614515	0.800229433	-0.27450551	0.961513241	1.4375221	1.202328	0.6269818	1.2478182	0.525646
7125000000	0.052359878	0.994836764	2.068112597	-0.1837551	-1.154999465	1.230306374	1.6099458	0.9585715	0.7664876	1.3561458	0.6921856
7125000000	0.052359878	1.047197551	2.474215676	-1.060103569	-0.909817783	1.890661312	1.7677529	0.783411	1.2330531	1.5454898	1.264332
7125000000	0.052359878	1.099557429	2.276727098	-1.654041624	2.248332273	1.915280714	1.6891675	0.6832755	1.6781595	1.5542758	1.4650619
7125000000	0.052359878	1.151917306	1.712508387	-1.995928797	2.0262241	1.400216871	1.4833746	0.6315491	1.5944922	1.3804532	1.0464663
7125000000	0.052359878	1.204277184	1.592887488	-1.932269276	0.782172301	1.138498317	1.4430745	0.6408746	1.1973393	1.2997201	0.589011
7125000000	0.052359878	1.256637061	2.131125853	-1.514086496	0.214169103	1.641638328	1.6334754	0.7056533	1.0505504	1.4593647	0.8359611
7125000000	0.052359878	1.308996939	2.602403964	-1.121528247	1.135295677	2.328795499	1.8207084	0.7724087	1.298762	1.7095411	1.04623816
7125000000	0.052359878	1.361356817	2.404252721	-1.049679784	2.044541067	2.384566556	1.7395034	0.7852935	1.6012314	1.7316362	1.656645
7125000000	0.052359878	1.413716694	1.59422547	-1.461503795	1.770681058	1.524014142	1.4435191	0.714249	1.503377	1.4203697	1.0393327
7125000000	0.052359878	1.466076572	0.805869942	-2.460277957	0.665432168	0.188862479	1.2038905	0.5675083	1.165583	1.0444466	-0.0202108
7125000000	0.052359878	1.518436449	0.601417575	-3.862530059	-0.2329867	-0.694121016	1.1485284	0.4109103	1.0051708	0.852291	-0.6247768
7125000000	0.052359878	1.570796327	0.835633489	-4.900146451	0.269981715	-0.532727068	1.2121695	0.3235827	1.0641385	0.8846527	-0.5991411
7125000000	0.052359878	1.623156204	0.947002339	-5.052605485	0.037465403	0.037465403	1.2436559	0.3124204	1.0766475	1.008664	-0.4079304
7125000000	0.052359878	1.675516082	0.549900978	-4.931640232	-0.667301996	-0.036674132	1.1349849	0.3212447	0.8575704	0.991591	-0.8283714
7125000000	0.052359878	1.72787596	-0.285562501	-4.848527969	-2.371311498	-0.882077713	0.9363619	0.3274517	0.5792537	0.8161918	-1.7279933
7125000000	0.052359878	1.780235837	-1.015372395	-4.460870678	-3.589387338	-1.655041051	0.7915216	0.3580247	0.4375838	0.6831183	-2.4598663
7125000000	0.052359878	1.832595715	-1.006258755	-3.892644526	-3.738633559	-1.623754401	0.7931843	0.4808708	0.4228016	0.6880572	-2.3800575
7125000000	0.052359878	1.884955592	-0.56851257	-3.740251075	-3.576295481	-1.429239616	0.8773012	0.4226442	0.4389049	0.719575	-2.1140298
7125000000	0.052359878	1.93731547	-0.714052363	-4.248833224	-4.221306389	-1.965645299	0.8483885	0.3759384	0.3783288	0.6359683	-2.5207885
7125000000	0.052359878	1.989675347	-1.878983198	-5.231531425	-6.287071275	-3.244254399	0.6487863	0.2998105	0.2351218	0.4737776	-3.0260744
7125000000	0.052359878	2.04035222	-3.285224435	-6.527141329	-8.320323164	-4.364363223	0.4693292	0.2224774	0.1472203	0.3660696	-5.2103818
7125000000	0.052359878	2.094395105	-3.471507342	-8.465909204	-8.141846753	-4.720228545	0.4496238	0.1423669	0.1533965	0.3372696	-5.6525842
7125000000	0.052359878	2.14675498	-3.101088139	-11.52239683	-7.72643713	-4.894657099	0.4896561	0.0704304	0.1687937	0.323992	-5.796843
7125000000	0.052359878	2.199114858	-3.450010075	-14.60390148	-7.712213069	-5.137777636	0.4518549	0.0346425	0.169347	0.3063531	-6.1879551
7125000000	0.052359878	2.251474735	-4.483466004	-14.81933606	-7.650563805	-4.890690547	0.3561668	0.032966	0.1717685	0.3242883	-6.550238
7125000000	0.052359878	2.303834613	-5.323987938	-13.64115466	-8.293378717	-4.263886546	0.2934953	0.0432399	0.1481365	0.3746376	-6.678094
7125000000	0.052359878	2.35619449	-5.211508645	-13.12436997	-10.81603529	-4.256863227	0.301196	0.0487038	0.0828698	0.3752439	-6.9646138
7125000000	0.052359878	2.408554368	-4.634050803	-14.5015686	-14.50150704	-5.186982327	0.3440289	0.0354685	0.0354727	0.3209017	-6.4601306
7125000000	0.052359878	2.460914245	-4.553835342	-17.46269455	-13.60900408	-6.309261457	0.3504423	0.0179362	0.0435612	0.2339235	-7.9191949
7125000000	0.052359878	2.513274123	-4.803027508	-17.10746126	-10.86238869	-7.244918761	0.3309004	0.019465	0.08199	0.1885854	-8.0909788
7125000000	0.052359878	2.565634	-4.467304768	-15.12330509	-9.548613563	-8.279491824	0.3574946	0.0307376	0.1109529	0.148611	-7.090217
7125000000	0.052359878	2.617993878	-4.350226194	-12.78136337	-9.90838942	-8.133997153	0.3672632	0.0527064	0.1021318	0.153674	-7.7225761
7125000000	0.052359878	2.670353756	-5.811769035	-10.04856498	-12.21150102	-7.568703911	0.262315	0.098888	0.0600966	0.1570637	-6.6256863
7125000000	0.052359878	2.722713633	-8.187403044	-9.118504312	-14.37111278	-8.530471757	0.1517958	0.1225038	0.0365501	0.1402661	-9.477719
7125000000	0.052359878	2.775073511	-8.524932261	-10.80672483	-11.41101042	-9.7028483	0.1404452	0.0830477	0.0722597	0.1070817	-9.9693367
7125000000	0.052359878	2.827433388	-8.598427087	-12.41683438	-9.318705528	-9.376519094	0.1380884	0.0378719	0.1169848	0.1154378	-9.9099244
7125000000	0.052359878	2.879793266	-9.518								

125000000	0.104719755	-1.047197551	-0.145210199	-5.288562683	-2.298269496	-0.214465398	0.9671169	0.2958992	0.5890783	0.951817	-1.542957
125000000	0.104719755	-0.994837674	0.786725891	-7.202928786	-2.756135143	0.725628463	1.1985994	0.1904176	0.530135	1.1818515	-1.1055837
125000000	0.104719755	-0.942477796	1.766714912	-7.913918746	-1.056769901	1.756348825	1.5020054	0.1616621	0.7324731	1.5018788	-0.1221977
125000000	0.104719755	-0.890117919	2.035075029	-6.883155204	-0.300428312	1.886976575	1.5977451	0.2049673	0.9331623	1.5441791	-0.2938923
125000000	0.104719755	-0.837758041	1.482590614	-5.507925934	-0.551828751	0.973656416	1.4068685	0.2813246	0.880678	1.2513121	-0.1993778
125000000	0.104719755	-0.785398163	0.394081858	-4.588437437	-1.667324201	-0.198037297	1.094985	0.3476612	0.6811889	0.9554423	-1.1361371
125000000	0.104719755	-0.733038286	-0.336913895	-4.360891	-2.21211696	-0.357794968	0.9253555	0.3710147	0.6008801	0.920917	-1.5209322
125000000	0.104719755	-0.680678408	-0.167633013	-4.57750385	-1.666404978	-0.043985764	0.9621365	0.3485376	0.681331	0.989923	-1.2756251
125000000	0.104719755	-0.62831851	-0.273325529	-5.341933204	-1.073470162	-0.734730197	0.930004	0.2922851	0.8715609	0.8443587	-1.4618201
125000000	0.104719755	-0.575958653	-1.57306214	-6.752626269	-1.306444669	-2.780079315	0.6961355	0.2125384	0.740211	0.5272202	-2.6438012
125000000	0.104719755	-0.523598776	-3.27904916	-8.70403055	-2.32404413	-4.165738073	0.4699975	0.1347712	0.5846655	0.3832006	-0.454871
125000000	0.104719755	-0.471238898	-3.543261795	-10.2666637	-3.579849164	-3.133099487	0.4422561	0.0940446	0.4385459	0.4860602	-4.3743749
125000000	0.104719755	-0.41887902	-3.329850851	-10.0230271	-6.12887751	-2.738066448	0.4645312	0.094713	0.3457094	0.5323452	-4.0370752
125000000	0.104719755	-0.366519143	-3.922495063	-9.198706266	-5.713485124	-4.377821775	0.4052756	0.1202623	0.268319	0.3649369	-5.380538
125000000	0.104719755	-0.314159265	-4.792054507	-9.33074595	-7.664377876	-7.258948384	0.3317375	0.1166609	0.171223	0.1879772	-6.9486441
125000000	0.104719755	-0.261799388	-5.037706843	-10.29325085	-10.55698802	-7.475315673	0.3134941	0.0934706	0.0879632	0.1788416	-7.7548689
125000000	0.104719755	-0.20943951	-4.798328346	-10.87450099	-12.43376728	-9.551476317	0.3132586	0.0817161	0.0570983	0.2540109	-7.4223474
125000000	0.104719755	-0.157079633	-4.68347222	-11.44104663	-11.76310898	-5.441243706	0.3401361	0.0717621	0.066633	0.2856773	-7.1488414
125000000	0.104719755	-0.104719755	-5.070319191	-12.01229543	-10.91252778	-5.773736941	0.3111488	0.0629174	0.0810489	0.2466222	-7.4488601
125000000	0.104719755	-0.052359878	-5.860370337	-9.685554416	-10.69360855	-6.582320132	0.2593978	0.1075089	0.0852392	0.2196686	-7.7481061
125000000	0.104719755	-4.44E-16	-6.404297585	-6.929325234	-9.885710451	-7.705971586	0.2286802	0.202804	0.1026665	0.169591	-5.4535366
125000000	0.104719755	0.052359878	-6.41373316	-5.496411796	-9.632211239	-8.278679955	0.2283635	0.2820712	0.1088376	0.1486387	-7.1674907
125000000	0.104719755	0.104719755	-6.514287864	-4.725374386	-10.57644783	-7.653291832	0.2231368	0.3368702	0.08757	0.1716607	-6.868501
125000000	0.104719755	0.157079633	-6.937224006	-3.92836828	-11.07609622	-6.784336296	0.2024313	0.0472729	0.0780531	0.2096845	-6.028701
125000000	0.104719755	0.20943951	-6.910720814	-3.089935612	-9.855313125	-6.106880544	0.2036704	0.4909152	0.1033877	0.2449803	-8.5379503
125000000	0.104719755	0.261799388	-6.122167823	-2.40432658	-8.19415658	-5.448648699	0.2442211	0.574867	0.1515599	0.2851905	-0.0312619
125000000	0.104719755	0.314159265	-5.515709527	-2.019939101	-7.1785695	-4.972292653	0.2808207	0.6280672	0.1914887	0.3182517	-4.5019141
125000000	0.104719755	0.366519143	-5.552147543	-1.898435985	-6.570747504	-4.79306777	0.2784744	0.6458868	0.2202547	0.3316601	-4.3289243
125000000	0.104719755	0.41887902	-5.719616374	-1.823126638	-5.192140858	-4.487911384	0.2679405	0.6571845	0.2759789	0.3558024	-4.097975
125000000	0.104719755	0.471238898	-5.434500594	-1.77490172	-4.029389914	-3.670998889	0.2861211	0.6645227	0.3950992	0.4294376	-3.5281744
125000000	0.104719755	0.523598776	-4.97787737	-1.68000411	-3.828753168	-2.793667202	0.3178427	0.679203	0.5213444	0.5255733	-3.2515869
125000000	0.104719755	0.575958653	-4.642558524	-1.410517225	-2.383813321	-2.604908292	0.3433566	0.7690388	0.5775887	0.5489201	-2.5202466
125000000	0.104719755	0.628318531	-3.985479472	-0.425175312	-2.669082672	-3.171981291	0.3994405	0.9067394	0.5406886	0.4817279	-2.3493223
125000000	0.104719755	0.680678408	-2.538530276	-0.211374674	-3.264386916	-2.935491469	0.5573473	0.9524946	0.4715864	0.5086873	-2.0583576
125000000	0.104719755	0.733038286	-0.799586965	-0.251353605	-3.115707564	-0.874097323	0.8318429	0.9437667	0.4880106	0.817693	-1.1332416
125000000	0.104719755	0.785398163	0.490176174	0.314289662	-1.957620126	1.046375046	1.1194833	1.0750507	0.6371446	1.2724406	0.1115997
125000000	0.104719755	0.837758041	1.083461099	1.125714854	-1.05254895	1.862977594	1.2833529	1.2959	0.7847749	1.5356696	0.8810927
125000000	0.104719755	0.890117919	1.172959513	1.217135801	-1.295890484	1.802078964	1.3100744	1.3234684	0.744201	1.514286	0.8727347
125000000	0.104719755	0.942477796	1.257427889	0.326318724	-1.90436414	1.572555341	1.3350804	1.0872311	0.649951	1.4363486	0.5157358
125000000	0.104719755	0.994837674	1.709446183	-0.889597409	-0.997748935	1.77603299	1.482329	0.8147798	0.7947401	1.5052315	0.6042211
125000000	0.104719755	1.04719755	2.173583798	-1.602614659	1.092051976	2.089572132	1.649523	0.691446	1.2858941	1.6179206	1.1766499
125000000	0.104719755	1.099557429	2.107914378	-1.444638673	2.460108301	1.871846802	1.6247683	0.717028	1.76202	1.5388089	1.4942121
125000000	0.104719755	1.151917306	1.623572906	-0.77327877	2.327301098	1.220843985	1.4534067	0.8368878	1.708953	1.3245989	1.2415737
125000000	0.104719755	1.204277184	1.445304432	-0.008880303	1.261872584	1.0407795	1.3948594	0.9979573	1.337172	1.2708022	0.969787
125000000	0.104719755	1.256637061	1.91302191	0.513940219	0.781573126	1.759888319	1.5534676	1.1256258	1.1971741	1.4996643	1.283923
125000000	0.104719755	1.308996399	2.433367353	0.604483559	1.488829002	2.58610158	1.751204	1.1493396	1.4089089	1.8138667	1.8492833
125000000	0.104719755	1.361356817	2.339304377	0.174985074	2.083862416	2.693232195	1.7136828	1.0411415	1.6157949	1.8591876	1.9241271
125000000	0.104719755	1.413716694	1.564036024	-0.888332546	1.568555233	1.899129535	1.4335195	0.8150171	1.435012	1.5485062	1.1661229
125000000	0.104719755	1.466076572	0.702065638	-2.754824424	0.380959294	0.724252629	1.1754655	0.550295	1.0916814	1.181477	-0.0229588
125000000	0.104719755	1.518436449	0.461312838	-5.398502615	-0.115776683	0.023360486	1.120678	0.2885026	0.9736936	1.0053934	-0.731873
125000000	0.104719755	1.57096327	0.005648517	-7.851313065	0.37779126	0.167395888	1.2038291	0.1640094	1.0908854	1.0392968	-0.5823761
125000000	0.104719755	1.623156204	1.0253161	-8.449720612	0.609663481	0.577735786	1.2654738	0.1428986	1.1507115	1.1422826	-0.336979
125000000	0.104719755	1.675516082	0.569241491	-7.737211628	-0.294918863	0.420266453	1.1400507	0.1683755	0.9343468	1.1016069	-0.7774439
125000000	0.104719755	1.72787596	-0.45038809	-6.454905285	-2.076214993	-0.04577565	0.9014906	0.2262088	0.6199812	0.9110501	-1.7738566
125000000	0.104719755	1.780235837	-1.212727985	-4.845222956	-3.50965753	-1.173345509	0.7563576	0.327701	0.4456895	0.7632495	-2.4165638
125000000	0.104719755	1.832595715	-0.90362427	-3.630181624	-3.691859479	-1.216803098	0.8110801	0.4334927	0.4273799	0.7556483	-1.1688268
125000000	0.104719755	1.884955592	-0.165360236	-3.206233344	-3.317408622	-1.025885875	0.9626402	0.4779436	0.465864	0.7896078	-1.7133116
125000000	0.104719755	1.93731547	-0.072752849	-3.499501271	-3.716183684	-1.483061018	0.9833876	0.4467341	0.4249929	0.7107124	-1.928325
125000000	0.104719755	1.989675347	-0.97284306	-4.317031248	-5.610201258	-2.70682376	0.7993106	0.3700811	0.2706948	0.5283622	-0.379359
125000000	0.104719755	2.042035225	-2.313576731	-5.609792967	-8.161682467	-3.99396291	0.587005	0.2748025	0.1526974	0.3986588	-1.8516728
125000000	0.104719755	2.094395120	-2.936218013	-7.437885648	-8.382331705	-4.174497674	0.5068022	0.1803896	0.1451332	0.3824301	-0.1692824
125000000	0.104719755	2.14675458	-2.778010646	-9.662888327	-7.654487378	-4.120044273	0.5274714	0.1080715	0.1716134	0.3872537	-0.2490054
125000000	0.104719755	2.199114898	-2.699589918	-11.91148457	-7.10700141	-4.565104377	0.5370825	0.0643949	0.1815223	0.3495341	-0.5400881
125000000	0.104719755	2.251474735	-3.064099573	-14.02597861	-7.469458067	-4.715977663	0.4938443	0.0395733	0.1790829	0.3375998	-0.8082199
125000000	0.104719755	2.303834613	-3.957097563	-15.28278006	-7.843580568	-3.998893273	0.4020594	0.0296293	0.1643017	0.3982086	-0.6458665
125000000	0.104719755	2.35619449	-4.963796632	-16.10091064	-9.133600972	-3.691261218	0.3188749	0.0245419	0.1220787	0.4274387	-6.5124409
125000000	0.104719755	2.408554368	-5.074108596	-17.480051497	-11.79523168	-4.493517483	0.3108774	0.0144527	0.0661419	0.3553434	-7.2884673
125000000	0.104719755	2.460914245	-4.855081704	-17.3025335	-13.72515986	-5.868234074	0.3269579	0.0164807	0.0424115	0.2589266	

7125000000	0.157079633	-1.466076572	0.735822182	-4.561492725	-0.082656653	-0.160266924	1.1846286	0.3498249	0.9811476	0.9637698	-0.6055927
7125000000	0.157079633	-1.413716694	1.898678398	-3.081965087	0.582530535	0.44307408	1.5483454	0.4918169	1.1435445	1.1074074	0.3051008
7125000000	0.157079633	-1.361356817	2.16174564	-2.41229097	0.124281588	0.292311459	1.6450328	0.5738137	1.0290303	1.069624	0.3317244
7125000000	0.157079633	-1.308996939	1.600772694	-2.711346721	-0.884798504	-0.062198188	1.445697	0.5356305	0.8156806	0.8990424	-0.3432209
7125000000	0.157079633	-1.256667061	0.866402877	-3.404418276	-0.867794743	-0.905287052	1.2207881	0.4566234	0.7827454	0.8118416	-0.872466
7125000000	0.157079633	-1.204277184	0.67789604	-3.703864583	-0.263639293	-0.534662982	1.168933	0.4262001	0.9411006	0.8841658	-0.6798316
7125000000	0.157079633	-1.151917306	0.684515681	-3.561251298	0.183919967	-0.083185446	1.170716	0.4042729	1.0432587	0.9810281	-0.4780411
7125000000	0.157079633	-1.099557429	0.290833854	-3.888830551	-0.638086254	-0.046247441	1.0692602	0.4084294	0.8633589	0.9894076	-0.7955628
7125000000	0.157079633	-1.047197551	0.13202334	-5.438311599	-2.32797265	0.019797085	1.0308663	0.2858702	0.5850631	1.0045689	-1.3870932
7125000000	0.157079633	-0.994837674	1.041997021	-8.086671515	-2.982624164	0.694136722	1.2711585	0.1553577	0.5031965	1.1733124	-1.102747
7125000000	0.157079633	-0.942477796	1.971050966	-10.22065948	-1.851394358	1.443028943	1.5743638	0.095046	0.6529209	1.3941288	-0.3193058
7125000000	0.157079633	-0.890117919	2.004948045	-10.05561057	-0.864679824	1.414506627	1.5866999	0.0987277	0.819468	1.3850028	-0.1212172
7125000000	0.157079633	-0.837758041	1.267182824	-8.603526355	-1.162737558	0.327827608	1.3388079	0.1379264	0.7651142	1.0784072	-0.8088847
7125000000	0.157079633	-0.785398163	0.485991055	-7.021088068	-2.202956229	-1.186282667	1.118405	0.1985597	0.6021496	0.7609774	-1.7391034
7125000000	0.157079633	-0.733038286	0.355849586	-5.822704104	-2.533866558	-1.434429096	1.0853879	0.2616553	0.5579732	0.7187156	-1.8314051
7125000000	0.157079633	-0.680678408	0.588001398	-5.296344786	-1.834654049	-0.72866192	1.1449859	0.2953694	0.6554425	0.8455393	-1.3351519
7125000000	0.157079633	-0.628318531	0.206540301	-5.615445204	-1.224863051	-0.894406568	1.0487067	0.2744451	0.7542472	0.9185181	-1.4097028
7125000000	0.157079633	-0.575958653	-1.423517022	-6.886925249	-1.477573244	-2.243801425	0.7205237	0.2407895	0.711611	0.5965129	-2.5308624
7125000000	0.157079633	-0.523598776	-3.548660162	-8.958344705	-2.468004111	-3.214666379	0.4417067	0.1271058	0.5664996	0.4770165	-3.9460644
7125000000	0.157079633	-0.471238898	-3.681664631	-10.85188062	-3.11161178	-2.742749279	0.4283843	0.0821887	0.4353954	0.5317715	-4.3246199
7125000000	0.157079633	-0.41887902	-2.971282556	-11.03965896	-4.503539582	-2.827638626	0.5045123	0.0787108	0.3545243	0.5214782	-4.3793757
7125000000	0.157079633	-0.366519143	-3.328302228	-10.29025519	-5.515840164	-4.605150671	0.4646969	0.0935351	0.2808122	0.3463259	-5.2820604
7125000000	0.157079633	-0.314159265	-4.376811286	-10.32658392	-7.471552299	-6.985743053	0.3650219	0.0927559	0.1789966	0.2001823	-6.7935701
7125000000	0.157079633	-0.261799388	-4.98575223	-11.06340667	-10.37086224	-6.73450768	0.3172669	0.0782815	0.091815	0.2116679	-7.5756335
7125000000	0.157079633	-0.20943951	-4.879366268	-11.0508507	-12.11345711	-5.579795132	0.3251347	0.0785082	0.0614687	0.2767072	-7.3176211
7125000000	0.157079633	-0.157079633	-4.69302346	-11.19586778	-11.37946918	-5.417542033	0.339389	0.07593	0.0727869	0.2872406	-7.125642
7125000000	0.157079633	-0.104719755	-4.986617045	-12.01890809	-10.67293784	-5.888323435	0.3172037	0.0628216	0.0856458	0.2577316	-7.4267981
7125000000	0.157079633	-0.052359878	-5.778612802	-9.877336815	-10.63653405	-6.637237409	0.2643253	0.1028647	0.0863668	0.2169083	-7.7568383
7125000000	0.157079633	-4.44E-16	-6.404297698	-6.929234847	-9.885710222	-7.70597173	0.2288602	0.202804	0.1026666	0.169591	-7.5453561
7125000000	0.157079633	0.052359878	-6.47580201	-5.408427743	-9.660625388	-8.309619985	0.225123	0.287844	0.1081278	0.1475836	-7.1631532
7125000000	0.157079633	0.104719755	-6.69755577	-4.607259449	-10.61757565	-7.609437767	0.2139166	0.3461577	0.086745	0.1734028	-6.8812851
7125000000	0.157079633	0.157079633	-7.378120928	-3.823167718	-11.12399392	-6.618388817	0.1828891	0.1446515	0.077197	0.2178518	-6.5140825
7125000000	0.157079633	0.20943951	-7.494300841	-3.141051725	-10.04216781	-5.864611233	0.1780615	0.485171	0.0990337	0.2591426	-5.9286038
7125000000	0.157079633	0.261799388	-6.633463478	-2.725862796	-8.53209452	-5.12784261	0.2170969	0.5338432	0.1402137	0.3070547	-5.2352758
7125000000	0.157079633	0.314159265	-6.085118599	-2.461321157	-7.547972588	-4.589582234	0.2463135	0.567372	0.1758744	0.3475696	-4.7588653
7125000000	0.157079633	0.366519143	-6.308292063	-2.068882777	-6.871979514	-4.432731947	0.2339757	0.6210288	0.2054954	0.3603514	-4.4981137
7125000000	0.157079633	0.41887902	-6.52788036	-1.564174865	-5.707757256	-4.205092675	0.2224395	0.6975615	0.2686732	0.3797348	-4.0659816
7125000000	0.157079633	0.471238898	-6.160993064	-1.331689854	-3.88898954	-3.402732562	0.2420476	0.7359207	0.4084235	0.4568007	-3.3448932
7125000000	0.157079633	0.523598776	-5.720822722	-1.240722527	-2.441028272	-2.501660618	0.2678661	0.7514979	0.5700293	0.5621263	-2.6931469
7125000000	0.157079633	0.575958653	-5.341947239	-0.67207029	-2.33637481	-2.95277481	0.2922842	0.8566294	0.656627	0.5839322	-2.5375788
7125000000	0.157079633	0.628318531	-4.389146276	-0.007849314	-2.022438752	-3.041257568	0.3639866	0.9981943	0.6277058	0.4964485	-2.0650032
7125000000	0.157079633	0.680678408	-2.75532037	-0.026814738	-2.552699634	-3.024891062	0.5302345	0.9384447	0.5555588	0.498323	-1.9078366
7125000000	0.157079633	0.733038286	-1.17893352	-0.313353294	-2.441857184	-0.946114982	0.7622662	0.9303892	0.5699205	0.8042552	-1.1537154
7125000000	0.157079633	0.785398163	-0.75381963	0.225888751	-1.77105015	1.111074511	0.9634507	1.0538875	0.7116878	1.2591348	-0.0217324
7125000000	0.157079633	0.837758041	0.253637279	1.033544356	-0.756740207	2.06927559	1.0601412	1.2686688	0.8400973	1.610377	0.7734052
7125000000	0.157079633	0.890117919	0.283033372	1.006157947	-1.094312043	2.165507393	1.0673414	1.2607117	0.7772644	1.6464583	0.7749595
7125000000	0.157079633	0.942477796	0.360619452	0.064656928	-1.752895016	2.082550236	1.0865806	1.0149992	0.6678985	1.6153068	0.3988833
7125000000	0.157079633	0.994837674	0.895595206	-0.857434226	-0.940303929	2.320228056	1.2290216	1.0820363	0.8053221	1.706172	0.570336
7125000000	0.157079633	1.047197551	1.588676541	-0.71004552	-1.074331652	2.552955458	1.441676	0.8491716	1.280658	1.8000955	1.2804376
7125000000	0.157079633	1.099557429	1.777944891	0.098326705	2.441965975	2.238779613	1.5058943	1.0228988	1.7546746	1.6744723	1.7303613
7125000000	0.157079633	1.151917306	1.423643822	0.842942102	2.403197389	1.518428674	1.3879198	1.2142111	1.7390807	1.4185442	1.5834048
7125000000	0.157079633	1.204277184	1.23551996	1.320612355	1.547798071	1.277460681	1.3290827	1.3553805	1.4281697	1.3419801	1.7430795
7125000000	0.157079633	1.256637061	1.720724787	1.519463792	1.238951521	1.921720537	1.4861836	1.4188823	1.3301333	1.5568822	1.6075217
7125000000	0.157079633	1.308996939	2.355870696	1.411889151	1.828475801	2.661481898	1.7202322	1.3841684	1.523518	1.8456451	2.0908343
7125000000	0.157079633	1.361356817	2.382491537	0.861380029	2.141134159	2.704727473	1.730809	1.219377	1.637244	1.8641152	2.0760376
7125000000	0.157079633	1.413716694	1.650958134	-0.362213388	1.350365765	1.989530849	1.4624929	0.919806	1.3646981	1.5482928	2.1284462
7125000000	0.157079633	1.466076572	0.778413368	-2.418265379	-0.824899592	0.756652233	1.1963034	0.5730249	0.9934592	1.1902341	-0.0512209
7125000000	0.157079633	1.518436449	0.603169378	-5.066836738	-0.524171621	0.080512663	1.1489918	0.3113984	0.8863043	1.0187116	-0.7502252
7125000000	0.157079633	1.570963327	1.134787983	-7.277996646	0.144121465	0.152851597	1.2986102	0.1871545	1.033742	1.0358221	-0.5118023
7125000000	0.157079633	1.623156204	1.499150243	-8.238454632	0.581438791	0.447764266	1.4122612	0.1500219	1.143257	1.108604	-0.206629
7125000000	0.157079633	1.675516082	0.973996145	-8.348202393	-0.153584554	0.240584142	1.25141	0.1462783	0.9652539	1.0569597	-0.6804636
7125000000	0.157079633	1.72787596	-0.421362394	-7.266780031	-1.870400743	-0.591158786	0.9075358	0.1676385	0.6500091	0.8727385	-1.8409335
7125000000	0.157079633	1.780235837	-1.730411815	-5.374825372	-3.405430129	-1.380965835	0.6713652	0.2900798	0.456517	0.727618	-2.7051528
7125000000	0.157079633	1.832595715	-1.665485574	-3.945008122	-3.681123576	-1.384693876	0.6814774	0.4031802	0.4284377	0.7269936	-2.5179474
7125000000	0.157079633	1.884955592	-0.839717514	-3.308262873	-3.235313312	-1.011249673	0.8241917	0.4668461	0.4747521	0.7922733	-1.9148732
7125000000	0.157079633	1.93731547	-0.596613928	-3.273039205	-3.457262311	-1.256043725	0.8716429	0.4706479	0.4515686	0.7488514	-1.9673043
7125000000	0.157079633	1.989675347	-1.21323565	-3.740729218	-5.191610337	-2.499276226	0.7562692	0.4225977	0.3025791	0.5624351	-2.9160437
7125000000	0.157079633	2.04203522									

7125000000	0.20943951	-1.884955592	-2.69326666	-3.420644916	-7.549347427	-3.269005587	0.5378651	0.4549205	0.1758188	0.4710852	-3.8729837
7125000000	0.20943951	-1.832595715	-4.436322471	-3.913536203	-6.512917038	-2.714188479	0.3600541	0.4061125	0.2232072	0.5352802	-4.1888869
7125000000	0.20943951	-1.780235837	-6.292647704	-4.272037147	-4.321526164	-2.085455124	0.2348201	0.3739351	0.3696982	0.6186635	-3.9872327
7125000000	0.20943951	-1.72787596	-6.567316173	-3.840679158	-2.113998007	-1.321065448	0.2204288	0.4129829	0.6146108	0.7377322	-3.0413634
7125000000	0.20943951	-1.675516082	-5.580919583	-3.360389376	-0.942585758	-0.781779636	0.2766356	0.4612762	0.8048991	0.5322607	-2.5382481
7125000000	0.20943951	-1.623156204	-4.292059119	-3.693321109	-1.007935114	-1.075393564	0.3722152	0.427236	0.7928782	0.8411252	-2.1583673
7125000000	0.20943951	-1.570796227	-2.513653008	-4.613399441	-1.526736234	-1.056000869	0.5605763	0.3456687	0.7036009	0.7821252	-2.2293635
7125000000	0.20943951	-1.518436449	-0.41237017	-4.830326995	-1.193816884	-1.038235031	0.9094168	0.3288269	0.7596583	0.7873657	-1.5719304
7125000000	0.20943951	-1.466076572	1.397564164	-3.765835662	-0.031474895	-0.432974872	1.3796103	0.4201617	0.9927788	0.9051124	-0.3413264
7125000000	0.20943951	-1.413716694	2.465661457	-2.46502609	0.711006007	0.062696943	1.7642745	0.5668882	1.1778788	0.1045348	0.5342922
7125000000	0.20943951	-1.361356817	2.626276446	-1.919000727	0.362445749	-0.113265045	1.8307441	0.6428356	1.0870376	0.9742659	0.5450526
7125000000	0.20943951	-1.30896939	2.043222176	-2.258791256	-0.561422399	-0.749149514	1.6007452	0.5944576	0.8787347	0.8415599	-0.0927305
7125000000	0.20943951	-1.256637061	1.336279586	-2.901837753	-0.796760654	-0.963208624	1.3602789	0.5126444	0.8323844	0.801086	-0.5719931
7125000000	0.20943951	-1.204277184	1.189908641	-3.090711162	-0.144264728	-0.408818469	1.3151972	0.4908275	0.9673275	0.9101609	-0.3579778
7125000000	0.20943951	-1.151917306	1.308214387	-2.848318953	0.216259634	0.139569934	1.3515168	0.5190009	1.0510563	1.0326591	-0.0499773
7125000000	0.20943951	-1.09557429	1.025568596	-3.095216047	-0.619899255	0.17030562	1.2663591	0.4903186	0.866982	1.0399933	-0.3814566
7125000000	0.20943951	-1.047197551	0.789438972	-4.481454397	-2.354972829	-0.02679024	1.1993444	0.3563318	0.5814371	0.9938503	-1.0638198
7125000000	0.20943951	-0.994837674	1.508038027	-6.768123206	-3.2355928	0.1725595693	1.4151543	0.2104688	0.4747235	1.0405419	-1.0050077
7125000000	0.20943951	-0.942477799	2.299367209	-8.837671185	-2.359767814	0.601905126	1.6979962	0.1306871	0.5807955	1.1486574	-0.5083742
7125000000	0.20943951	-0.890171791	2.107559395	-10.0456475	-1.484757228	0.43527667	1.6246355	0.0989544	0.7104439	1.1054209	-0.5312474
7125000000	0.20943951	-0.837758041	1.074569201	-10.72821911	-1.768349029	-0.791964916	1.2807728	0.0845626	0.6655261	0.8333041	-1.4506866
7125000000	0.20943951	-0.785398163	0.466679738	-10.12479195	-2.646492276	-2.444980324	1.113443	0.0971674	0.5436893	0.5695108	-2.3585928
7125000000	0.20943951	-0.733038286	0.939887859	-8.229085959	-2.74858463	-2.29918331	1.2416202	0.1503458	0.5310575	0.5889548	-0.2204417
7125000000	0.20943951	-0.680678408	1.322871416	-6.720605391	-1.952293496	-0.927306258	1.3560857	0.2127842	0.6379265	0.8077359	-1.2284004
7125000000	0.20943951	-0.628318531	0.703621643	-6.405104924	-1.394162744	-0.533740517	1.1758777	0.2288176	0.7254103	0.8843536	-1.2285075
7125000000	0.20943951	-0.575988653	-1.242145176	-7.376477789	-1.746974504	-1.39773013	0.7512517	0.1829583	0.6688097	0.7248147	-2.351079
7125000000	0.20943951	-0.523598776	-3.791407372	-9.303267697	-2.786614374	-2.441352398	0.417695	0.1174014	0.5264275	0.5699868	-3.8947009
7125000000	0.20943951	-0.471238898	-4.005921444	-11.22166927	-3.855639139	-2.670191035	0.3975647	0.0754802	0.4115628	0.5407305	-4.4812053
7125000000	0.20943951	-0.41887902	-2.935715578	-11.94174859	-4.57839935	-3.164236479	0.508661	0.0639477	0.3484304	0.4825878	-4.548085
7125000000	0.20943951	-0.366519143	-3.031952919	-11.59669276	-5.459078758	-4.867989251	0.4975133	0.0692358	0.2845065	0.3259876	-6.5119381
7125000000	0.20943951	-0.314159265	-4.084411681	-11.63237496	-7.374003123	-6.544147714	0.3904441	0.0686693	0.1830626	0.2216079	-6.656549
7125000000	0.20943951	-0.261799388	-4.939352084	-12.04040531	-10.22439296	-6.059147492	0.3206748	0.0625114	0.0949644	0.2477908	-4.7115842
7125000000	0.20943951	-0.20943951	-4.981655151	-11.25990719	-11.78274124	-5.28746992	0.3175664	0.0748185	0.0663324	0.2959736	-7.2429085
7125000000	0.20943951	-0.157079633	-4.737594659	-10.95111832	-10.98089972	-5.443918702	0.3359236	0.0803319	0.0797829	0.2855013	-7.0910889
7125000000	0.20943951	-0.104719755	-4.928751003	-11.96926437	-10.42134891	-6.018280677	0.3214585	0.0635439	0.0907539	0.2501335	-7.4118933
7125000000	0.20943951	-0.052359878	-5.705484158	-10.05715899	-10.57448409	-6.692305633	0.2688138	0.0986925	0.0876096	0.2501753	-7.7644487
7125000000	0.20943951	-4.44E-16	-6.404297398	-6.929235267	-9.88571022	-7.7059719	0.2288602	0.202804	0.1026666	0.169591	-5.5355362
7125000000	0.20943951	0.052359878	-6.541385852	-5.325087396	-9.686896432	-8.341411386	0.2217489	0.293421	0.1074757	0.1465072	-7.1604737
7125000000	0.20943951	0.104719755	-6.89457558	-4.501496919	-10.62837771	-7.585925865	0.204429	0.3546911	0.0865291	0.1743442	-6.8824966
7125000000	0.20943951	0.157079633	-7.855927262	-3.746971313	-11.06726654	-6.486201725	0.1638352	0.4219907	0.078212	0.2245851	-5.3342722
7125000000	0.20943951	0.20943951	-8.117288739	-3.234015015	-10.09883224	-5.659312354	0.1542663	0.474896	0.09775	0.2716869	-6.0266876
7125000000	0.20943951	-7.184454627	-3.070267994	-8.802210388	-4.856936779	-4.856936779	0.1912293	0.4931434	0.1317586	0.3268183	-5.4400322
7125000000	0.20943951	0.314159265	-6.750255764	-2.802525242	-7.903225899	-4.255913517	0.2113365	0.5245024	0.1620606	0.375326	-4.9715468
7125000000	0.20943951	0.366519143	-7.218394434	-1.981640062	-4.091038251	-4.091038251	0.1897407	0.6336304	0.1911143	0.3898488	-4.5458953
7125000000	0.20943951	0.41887902	-7.461666835	-1.079161589	-5.894404304	-3.91203539	0.1794045	0.7799807	0.2573688	0.4062529	-3.3173963
7125000000	0.20943951	0.471123898	-6.970936262	-0.737699799	-8.399346035	-3.138198825	0.200866	0.8437815	0.4074416	0.4854898	-3.1480058
7125000000	0.20943951	0.523598776	-6.57980645	-0.671803858	-2.250398257	-2.242012133	0.2197958	0.8566819	0.5956075	0.5967587	-2.4625536
7125000000	0.20943951	0.575958653	-6.217737733	-0.191492327	-1.443989527	-2.095276228	0.2389055	0.9568652	0.7171352	0.617266	-1.9890995
7125000000	0.20943951	0.628318531	-6.02818531	-0.20363228	-1.487317089	-2.863354108	0.3125069	1.0479398	0.7100163	0.5172076	-1.9354182
7125000000	0.20943951	0.680678408	-3.344077148	-0.258407529	-1.880251691	-3.031159404	0.463012	0.942235	0.6485968	0.4976042	-1.9527325
7125000000	0.20943951	0.73038286	-2.030717727	-0.845359091	-1.725031483	-1.087519076	0.6265103	0.8231218	0.6721925	0.7784811	-1.3967161
7125000000	0.20943951	0.785398163	-1.392144695	-0.084455025	-0.896706608	0.974380693	0.7257475	0.9807414	0.8134471	1.2515208	-0.2555086
7125000000	0.20943951	0.837578041	-0.947578041	0.969067624	-0.349390202	1.988928727	0.7599319	1.2499906	0.922701	1.580858	0.545168
7125000000	0.20943951	0.890117919	-1.116756874	1.070249031	-0.795628915	2.170428054	0.7732578	1.2794547	0.8326013	1.6483248	0.5438691
7125000000	0.20943951	0.942477796	-0.813594667	0.433207578	-1.548266994	2.178397259	0.8291642	1.1048944	0.7001213	1.6513523	0.2994476
7125000000	0.20943951	0.994837674	0.064111873	0.167165216	-0.903510182	2.4520808	1.0148718	1.0392146	0.8121738	1.7587661	0.6305675
7125000000	0.20943951	1.041975551	1.115382734	0.76055328	0.965902897	2.665175015	1.2928206	1.1913938	1.2490801	1.8472152	1.4461388
7125000000	0.20943951	1.099557429	1.545459274	1.413729397	2.293279655	2.345040874	1.4277408	1.384755	1.6956178	1.7159479	1.9199015
7125000000	0.20943951	1.151917106	1.277330001	1.631188799	2.320986955	1.661897331	1.3419397	1.4558579	1.7064701	1.4661882	1.7394571
7125000000	0.20943951	1.204277184	1.091749879	1.536860916	1.653649716	1.423699766	1.2858046	1.4245775	1.4634065	1.3879377	1.4314963
7125000000	0.20943951	1.256637061	1.603983812	1.452090773	1.545010565	1.96150793	1.4467663	1.3970408	1.4272533	1.5790982	1.6449922
7125000000	0.20943951	1.30896939	2.282037895	1.460262341	2.130875732	2.573890619	1.6912343	1.3996719	1.6333813	1.8087952	1.7030817
7125000000	0.20943951	1.361356817	2.320091547	1.238050415	2.27221336	2.55847489	1.7061184	1.3298573	1.6893597	1.8023847	2.1270153
7125000000	0.20943951	1.413716694	1.581761095	0.414941614	1.268201558	1.759464762	1.4393821	1.1002571	1.339122	1.4995	1.285819
7125000000	0.20943951	1.466076572	0.76690499	-1.008283979	-0.348186707	0.608559607	1.1931375	0.7928145	0.9229567	1.1504188	0.063941
7125000000	0.20943951	1.518436449	0.742518725	-2.532962763	-0.101061788	-0.15200234	1.1864566	0.5580893	0.7924901	0.9656056	-0.7566429
7125000000	0.20943951	1.570796327	1.442012873	-3.700316231	-0.316565206	-0.175009248	1.3938027	0.4265485	0.9297014	0.9605308	-0.3262097
7125000000	0.20943951	1.623156204	1.927182596	-4.890444112	0.273344133	0.106					

7125000000	0.261799388	-2.303834613	-9.01464274	-10.27217967	-7.862928704	-11.37012889	0.1254688	0.0939252	0.1635713	0.0729436	-9.4318195
7125000000	0.261799388	-2.251474735	-8.309904425	-11.98408953	-11.00759039	-13.53137528	0.1475739	0.0633273	0.0792941	0.0443468	-10.776092
7125000000	0.261799388	-2.199114858	-5.364411273	-13.84935278	-11.69545852	-13.40476413	0.2907762	0.0412159	0.067679	0.0456587	-9.537819
7125000000	0.261799388	-2.14675498	-3.058182737	-13.59224256	-9.491955004	-14.37216997	0.4945176	0.0437296	0.1415144	0.0365412	-7.4696336
7125000000	0.261799388	-2.094395102	-1.624772824	-10.05019132	-6.221263646	-14.57605739	0.6878959	0.098851	0.2387117	0.0348654	-5.7662145
7125000000	0.261799388	-2.042035225	-0.869750529	-6.644755951	-5.255852423	-11.31882535	0.8185118	0.2165332	0.2981362	0.0748844	-4.5376849
7125000000	0.261799388	-1.989675347	-0.749855604	-4.181576728	-5.499499179	-8.331412169	0.8414231	0.3818056	0.2818708	0.1468459	-3.8406456
7125000000	0.261799388	-1.93731547	-1.230302953	-2.745796281	-6.631286532	-6.434576805	0.753303	0.5313986	0.2172058	0.2272701	-3.6422043
7125000000	0.261799388	-1.884955592	-2.349441895	-2.379984595	-7.886664378	-5.205859818	0.582178	0.5780981	0.1633554	0.301588	-3.9114796
7125000000	0.261799388	-1.832595515	-4.121839157	-2.77742007	-7.945679832	-4.184851126	0.3870937	0.5275432	0.1604841	0.3815179	-4.8370811
7125000000	0.261799388	-1.780235837	-5.510417001	-3.128280352	-5.856888667	-3.078986463	0.2811631	0.4865998	0.2596039	0.4921544	-4.2035324
7125000000	0.261799388	-1.72787596	-4.682500322	-2.883241008	-3.228415004	-1.981371904	0.3402123	0.5148443	0.4755087	0.6336695	-3.0886659
7125000000	0.261799388	-1.675516082	-3.135566771	-2.648579766	-1.739016021	-1.249981762	0.4857841	0.543428	0.6700364	0.7498974	-2.1304533
7125000000	0.261799388	-1.623156204	-2.100397675	-3.136494659	-1.642771915	-1.077070534	0.6165385	0.4856804	0.6850497	0.7803563	-1.9252841
7125000000	0.261799388	-1.570796327	-0.936822716	-4.048282706	-2.048707619	-1.239944587	0.8059679	0.3937057	0.6239205	0.7516325	-1.9124455
7125000000	0.261799388	-1.518436449	-0.759871798	-4.12408753	-1.558593059	-1.140380802	1.1912068	0.3868933	0.6984586	0.769063	-1.1838402
7125000000	0.261799388	-1.466076572	-2.342471872	-2.968654169	-2.015387798	-0.556824974	1.7149331	0.5048177	0.9516149	0.8796654	-0.0550558
7125000000	0.261799388	-1.413716694	3.163527138	-1.694669557	0.702053523	-0.08766599	2.0718233	0.6769133	1.1754532	0.9800165	-0.8850874
7125000000	0.261799388	-1.361356817	3.06349114	-1.222545213	0.503971563	-0.233856099	2.0246461	0.7546498	1.123045	0.9475767	0.8367347
7125000000	0.261799388	-1.308996939	2.344271509	-1.606283286	-0.35763538	-0.83143409	1.7156439	0.6908308	0.9209513	0.8257652	0.1632193
7125000000	0.261799388	-1.256637061	1.718226637	-2.221589721	-0.69141254	-1.077367281	1.485329	0.5995716	0.8528227	0.780303	-0.3174754
7125000000	0.261799388	-1.204277184	1.713976817	-2.334210547	-0.199224446	-0.526451362	1.4838762	0.5842234	0.9551631	0.8858391	-0.09983
7125000000	0.261799388	-1.151917306	1.900062129	-2.04104949	0.089860451	0.09640649	1.5488386	0.6250216	1.0209067	1.022466	0.2296562
7125000000	0.261799388	-1.099557429	1.688482257	-2.264845324	-0.736340699	0.130582657	1.4751909	0.5936295	0.8440456	1.0305244	-0.0619022
7125000000	0.261799388	-1.047197551	1.454919922	-3.530007588	-0.297203235	-0.297203235	1.3979511	0.4360079	0.5666011	0.9338555	-0.4528649
7125000000	0.261799388	-0.994837674	1.992095525	-5.342250787	-3.456486884	-0.502609515	1.5820112	0.2922637	0.4511815	0.8907156	-0.9472702
7125000000	0.261799388	-0.942477796	2.629827943	-6.625077013	-2.75795237	-0.352182229	1.8322418	0.2175165	0.5299324	0.9221003	-0.5776976
7125000000	0.261799388	-0.890117919	2.310658201	-7.513280674	-1.969610874	-0.645975539	1.7024165	0.177285	0.6353879	0.861792	-0.7354491
7125000000	0.261799388	-0.837758041	1.072665976	-9.039178117	-2.20912976	-1.91547053	1.2801669	0.127462	0.6012942	0.6433584	-1.7888272
7125000000	0.261799388	-0.785398163	0.547227881	-10.97535607	-2.900753057	-3.228568105	1.1342866	0.0798848	0.5127725	0.475492	-2.5915672
7125000000	0.261799388	-0.733038286	1.478826012	-10.52933479	-8.24194376	-2.290335472	1.4056675	0.0885251	0.5218919	0.5901555	-0.8702589
7125000000	0.261799388	-0.680678408	2.019462892	-8.429772933	-2.026445948	-0.53544209	1.5920118	0.1435564	0.6271269	0.8840072	-0.9061752
7125000000	0.261799388	-0.628318531	1.238665025	-7.438436447	-1.595947321	0.037307081	1.3300455	0.1803667	0.6924769	1.0006723	-0.9534985
7125000000	0.261799388	-0.575958653	-0.967913224	-8.028476415	-2.130364784	-0.752895246	0.8002187	0.1574535	0.612299	0.8408344	-2.1989781
7125000000	0.261799388	-0.523598776	-3.862392787	-9.722547031	-3.308048635	-2.149253728	0.4109233	0.1065971	0.4668691	0.6096416	-3.995632
7125000000	0.261799388	-0.471238898	-4.362996555	-11.46655718	-4.330914943	-3.044556597	0.3661848	0.0713418	0.3688999	0.4960716	-4.8702829
7125000000	0.261799388	-0.41887902	-3.139902398	-12.61417805	-4.842724333	-3.765708974	0.4852994	0.054775	0.3278895	0.4201397	-4.9209765
7125000000	0.261799388	-0.366519143	-3.001151633	-13.01760053	-5.594946442	-5.094946442	0.5010543	0.049916	0.2792955	0.3093893	-5.4528649
7125000000	0.261799388	-0.314159265	-3.939973515	-13.25948765	-7.368768175	-5.999314122	0.4036479	0.0472119	0.1832834	0.2512283	-6.5493447
7125000000	0.261799388	-0.261799388	-4.911896845	-13.20479575	-10.11702737	-5.474554019	0.3227084	0.0478102	0.0973431	0.2834991	-7.1262515
7125000000	0.261799388	-0.20943951	-5.094722936	-11.46625144	-11.44614411	-5.09083561	0.3094053	0.0713469	0.071678	0.3096823	-7.2004095
7125000000	0.261799388	-0.157079633	-4.8092482	-10.70573731	-10.57552509	-5.526762704	0.3304267	0.0850014	0.0875886	0.2801068	-7.8822968
7125000000	0.261799388	-0.104719755	-4.893898592	-11.87234783	-10.16298294	-6.163188062	0.3240486	0.0649781	0.0963167	0.2419252	-7.4036578
7125000000	0.261799388	-0.052359878	-5.640824554	-10.23262616	-10.50836788	-6.746854513	0.272846	0.0949811	0.0889355	0.2112507	-7.7709978
7125000000	0.261799388	-4.44E-16	-6.404297522	-6.929234963	-9.885710309	-7.705971946	0.2288602	0.202804	0.1026666	0.169591	-7.5453562
7125000000	0.261799388	0.052359878	-6.610142624	-5.246471996	-9.710688208	-8.737509858	0.2182658	0.2987809	0.1068885	0.1454283	-7.1592837
7125000000	0.261799388	0.104719755	-7.102112506	-4.40868396	-10.60658954	-7.582485173	0.1948896	0.3623528	0.0869643	0.1744823	-6.88941
7125000000	0.261799388	0.157079633	-8.360141071	-3.699175976	-10.92033039	-6.388868488	0.1458767	0.4266605	0.081245	0.2296747	-6.5587464
7125000000	0.261799388	0.20943951	-8.753554721	-3.363431668	-10.00445503	-5.496554736	0.133243	0.4609532	0.0998975	0.282062	-6.1254091
7125000000	0.261799388	0.261799388	-7.739932912	-3.420724853	-8.962670749	-4.640331749	0.16827	0.4549121	0.1269793	0.3435317	-5.631645
7125000000	0.261799388	0.314159265	-7.462531263	-3.017856396	-8.826490779	-3.977545689	0.1793688	0.4991308	0.1513398	0.4001708	-5.1215129
7125000000	0.261799388	0.366519143	-8.201517498	-1.707410948	-6.472295662	-3.784003811	0.1513032	0.6749303	0.178966	0.4184077	-4.4866984
7125000000	0.261799388	0.38189792	-8.381928116	-0.515050972	-6.118127664	-3.635760339	0.1451467	0.8881676	0.2448041	0.4329363	-6.2657961
7125000000	0.261799388	0.471238898	-7.711071784	-0.135446723	-4.037827828	-2.896546542	0.169392	0.9692936	0.3946546	0.5132694	-2.91025
7125000000	0.261799388	0.523598776	-7.395438345	-0.140863023	-2.251337681	-2.003371149	0.1821613	0.9680855	0.5954787	0.6304678	-2.2617823
7125000000	0.261799388	0.575958653	-7.138435867	0.135723401	-1.266643537	-1.844455617	0.1932664	1.0317449	0.7470259	0.6539649	-1.8276492
7125000000	0.261799388	0.628318531	-5.9120157	0.137627781	-1.510548682	-2.607464802	0.2563184	1.0321974	0.7671751	0.5485971	-1.8637096
7125000000	0.261799388	0.680678408	-4.240459946	-0.864200398	-1.401198952	-2.908807188	0.3766639	0.8195585	0.724236	0.5118224	-2.1604628
7125000000	0.261799388	0.733038286	-3.235079121	-1.673945521	-1.148819033	-1.187266331	0.4747796	0.6801512	0.7675702	0.7675702	-1.7338979
7125000000	0.261799388	0.785398163	-3.002663512	-0.359380676	-0.349452904	0.782264263	0.50088	0.9205808	0.9226877	1.1973646	-0.5287114
7125000000	0.261799388	0.837758041	-2.872101854	1.131703857	-0.095250139	1.768708011	0.5161665	1.2976883	1.0221744	1.0526499	0.3530204
7125000000	0.261799388	0.890117919	-2.363578181	1.514631483	-0.444230807	1.920783672	0.5802861	1.4713044	0.9027696	1.5562464	0.4694431
7125000000	0.261799388	0.942477796	-1.472679284	1.232834985	-1.297722428	1.848952583	0.7124134	1.3286212	0.7416991	1.5307086	0.3272776
7125000000	0.261799388	0.994837674	-1.260811781	1.260811781	-0.822140266	1.978292328	0.9627254	1.3368454	0.8275342	1.5769911	0.7041619
7125000000	0.261799388	1.047197551	1.085427908	1.765622223	0.882249896	2.035826743	1.2893343	1.5016275	1.2255028	1.5980217	1.4681262
7125000000	0.261799388	1.099557429	1.549699854	2.006217124	2.167425122	1.607423793	1.4287952	1.5871637	1.6337485	1.4749127	1.8310037
7125000000	0.261799388	1.151917306	1.217202866	1.59518989	2.174797913	0.906215467	1.3234888	1.4438397	1.6499839	1.2320307	1.4993797
7125000000	0.261799388	1									

7125000000	0.314159265	-2.722713633	-10.26822493	-10.83915236	-9.698683316	-9.315021037	0.0940107	0.0824299	0.1071844	0.1170841	-9.9923072
7125000000	0.314159265	-2.670353756	-13.59711916	-12.59649619	-11.67498088	-6.418128881	0.0436805	0.0549984	0.0679989	0.2281325	-10.056714
7125000000	0.314159265	-2.617993878	-13.57866303	-11.52321398	-11.4438759	-5.572289291	0.0438666	0.0704172	0.0452494	0.2771859	-9.6185794
7125000000	0.314159265	-2.565634	-12.16587028	-8.630876271	-13.08952593	-6.509223161	0.0607314	0.1370605	0.0490961	0.2233972	-9.2969868
7125000000	0.314159265	-2.513274123	-12.1137268	-6.609242558	-9.712052727	-8.605783175	0.0614649	0.2183111	0.1068367	0.1371859	-8.8234171
7125000000	0.314159265	-2.460914245	-9.163804845	-5.902809312	-6.955314652	-9.815587092	0.1212326	0.2568734	0.2015898	0.1043377	-7.6698263
7125000000	0.314159265	-2.408554368	-6.150365113	-6.456234435	-5.759506157	-9.729632172	0.2426406	0.2621396	0.2654907	0.1064233	-6.7742194
7125000000	0.314159265	-2.35619449	-5.341312953	-8.202174942	-5.583400339	-10.28005729	0.2923268	0.1512803	0.2764776	0.093755	-6.9152108
7125000000	0.314159265	-2.303834613	-6.232170076	-10.35730498	-6.357606444	-11.39813132	0.2381129	0.0921021	0.2303771	0.0727478	-8.0061036
7125000000	0.314159265	-2.251474735	-6.636432725	-11.31273159	-8.501925413	-11.67886901	0.2169485	0.073914	0.1411911	0.0679381	-9.0309715
7125000000	0.314159265	-2.199114858	-4.998180739	-11.46252147	-10.62954359	-11.59353453	0.3163603	0.0714082	0.0865059	0.0692862	-8.6681212
7125000000	0.314159265	-2.14675498	-2.934148517	-11.06322228	-9.249502668	-12.21585323	0.5088446	0.0782849	0.1188638	0.0600364	-7.178144
7125000000	0.314159265	-2.094395102	-1.412080481	-9.018146123	-6.602332882	-12.5307136	0.7224236	0.1253676	0.2186587	0.0558378	-5.5195576
7125000000	0.314159265	-2.042035225	-0.73910356	-6.284502508	-4.906026846	-11.15516162	0.8435089	0.2352609	0.3231449	0.076645	-4.3222114
7125000000	0.314159265	-1.989675347	-1.005383838	-4.063307423	-4.553105675	-9.897255233	0.7933441	0.392346	0.3505011	0.1262625	-3.813104
7125000000	0.314159265	-1.93731547	-2.008791679	-2.770880511	-5.379474119	-7.037444816	0.6296814	0.5283381	0.2897694	0.1978133	-4.8735512
7125000000	0.314159265	-1.884955592	-3.423328162	-2.49123959	-6.902697746	-5.52065992	0.5464395	0.5634768	0.204047	0.2805007	-4.2519809
7125000000	0.314159265	-1.832595715	-4.870943657	-2.917583835	-8.209685206	-4.225696427	0.3257659	0.5107891	0.151019	0.3779465	-4.667617
7125000000	0.314159265	-1.780235837	-4.891558944	-3.250573981	-7.326065096	-2.936626625	0.3422423	0.4730887	0.1850945	0.5085543	-4.2859378
7125000000	0.314159265	-1.72787596	-2.712529493	-2.975783255	-4.766982805	-1.760726425	0.5354847	0.5039987	0.3336581	0.6666952	-2.9246649
7125000000	0.314159265	-1.675516082	-0.669653134	-2.734668766	-3.058518232	-1.009199045	0.8571063	0.5327619	0.4944794	0.7926475	-1.7441243
7125000000	0.314159265	-1.623156204	0.360471798	-3.194233292	-2.794563996	-0.842295085	1.0865437	0.4792661	0.5251149	0.8237027	-1.3747696
7125000000	0.314159265	-1.570796327	1.04393785	-3.947258904	-3.012312286	-1.051636396	1.2717267	0.4029713	0.4997684	0.7849398	-1.3085542
7125000000	0.314159265	-1.518436449	2.13815154	-3.767962703	-2.210340883	-1.051283981	1.63612	0.4199559	0.6011266	0.7850303	-0.6523213
7125000000	0.314159265	-1.466076572	3.358519929	-2.466189403	-0.56120907	-0.538621728	2.1669655	0.5667363	0.8787778	0.8833602	-0.5752084
7125000000	0.314159265	-1.413716694	3.94746288	-1.157985202	0.579302445	-0.050863571	2.4816906	0.7695919	1.1426948	0.9883565	-1.2861683
7125000000	0.314159265	-1.361356817	3.598984986	-0.693534661	0.520329514	-0.134488353	2.2903323	0.8524061	1.127283	0.9695075	-1.1732224
7125000000	0.314159265	-1.308996939	2.666884027	-1.094806311	-0.321009426	-0.700100722	1.8479423	0.771716	0.9287505	0.8511183	-0.488465
7125000000	0.314159265	-1.256637061	2.077364054	-1.744053777	-0.771731148	-0.986752635	1.613379	0.6692596	0.8371955	0.7967549	-0.091519
7125000000	0.314159265	-1.204277184	2.257859151	-1.918627653	-0.412034534	-0.452466661	1.6818448	0.6428908	0.9094871	0.9010592	-0.1444513
7125000000	0.314159265	-1.151917306	2.487814967	-1.714289814	-0.169281337	0.223364143	1.7732971	0.6738621	0.9617714	1.052771	-0.4744112
7125000000	0.314159265	-1.099557429	2.265696656	-2.069808245	-0.882263455	-0.271707539	1.6848827	0.6208964	0.7975789	1.0645165	-0.1785933
7125000000	0.314159265	-1.047197551	2.24024361	-3.463198691	-2.667425583	-0.291477789	1.5936848	0.4504848	0.541075	0.9350874	-0.5547637
7125000000	0.314159265	-0.994837674	2.403113559	-5.09032572	-3.600609341	-0.759110038	1.7390471	0.3097187	0.4364546	0.839632	-0.8028761
7125000000	0.314159265	-0.942477796	2.871885339	-5.667599881	-2.927028004	-0.800841216	1.9372628	0.271169	0.5096795	0.8316027	-1.5186663
7125000000	0.314159265	-0.890117919	2.50159719	-5.868559698	-2.178375201	-1.155960291	1.7789335	0.2589071	0.6055674	0.7663091	-0.6934164
7125000000	0.314159265	-0.837758041	1.257525615	-6.882316188	-2.386665217	-2.27461275	1.3358342	0.2050069	0.5772095	0.5922959	-1.6903518
7125000000	0.314159265	-0.785398163	0.810147212	-8.913252875	-2.955424027	-2.963240491	1.2050768	0.1284324	0.5063579	0.5054474	-2.315859
7125000000	0.314159265	-0.733038286	1.954526093	-10.42223989	-2.799240982	-1.649392775	1.5683847	0.0907352	0.5248992	0.6839222	-1.4448972
7125000000	0.314159265	-0.680678408	2.594856225	-9.374731319	-2.089603886	-0.059382893	1.8175469	0.1154853	0.6180728	0.9864196	-2.5136052
7125000000	0.314159265	-0.628318531	1.744911911	-8.154670151	-1.848470878	0.338945364	1.4944837	0.1529442	0.6533606	1.0799147	-0.7305295
7125000000	0.314159265	-0.575958653	-0.601053085	-8.460750444	-2.631728142	-0.65336287	0.8707524	0.1425361	0.5455407	0.8603273	-1.2738621
7125000000	0.314159265	-0.523598776	-3.641724815	-10.00302391	-4.035937689	-2.500228947	0.4323421	0.0999304	0.3948264	0.5623117	-1.2940555
7125000000	0.314159265	-0.471238898	-4.528144625	-11.57150394	-4.024778396	-3.927994173	0.3525214	0.0696385	0.3131275	0.4047628	-5.4513601
7125000000	0.314159265	-0.41887902	-3.456835458	-12.93295069	-5.289647497	-4.556346855	0.4511453	0.0508985	0.2958253	0.3502397	-5.4207698
7125000000	0.314159265	-0.366519143	-3.177502594	-14.28212427	-5.74294444	-5.19501222	0.4811159	0.0371446	0.2665051	0.3023422	-5.6571945
7125000000	0.314159265	-0.314159265	-3.938924028	-15.1352564	-7.440662955	-5.438977225	0.4037454	0.0306531	0.1802743	0.2858264	-6.475767
7125000000	0.314159265	-0.261799388	-4.911452705	-14.48093463	-10.03570977	-5.024995173	0.3227414	0.0363374	0.0991811	0.314413	-7.1445788
7125000000	0.314159265	-0.20943951	-5.208356043	-11.62958197	-11.1025323	-5.002634977	0.3014147	0.0687135	0.0775795	0.316036	-7.1191243
7125000000	0.314159265	-0.157079633	-4.899623612	-10.45820543	-10.16965208	-5.670693732	0.3236217	0.0899689	0.0961689	0.2709759	-7.0954608
7125000000	0.314159265	-0.104719755	-4.879120606	-11.73804968	-9.902764083	-6.321603428	0.3251531	0.0670186	0.1022642	0.2325597	-7.4011028
7125000000	0.314159265	-0.052359878	-5.58442346	-10.37554543	-10.43916717	-6.800187443	0.2764125	0.0917161	0.0903824	0.2089206	-7.7765326
7125000000	0.314159265	-4.44E-16	-6.40429767	-6.929235194	-9.885709942	-7.705971662	0.2288602	0.202804	0.1026666	0.165991	-7.5453652
7125000000	0.314159265	0.052359878	-6.681694603	-5.172636969	-9.73176406	-8.405202941	0.2146993	0.3039039	0.1063711	0.1443709	-7.1593876
7125000000	0.314159265	0.104719755	-7.316620138	-4.329093536	-10.55201411	-7.598161287	0.1854975	0.3690546	0.088064	0.1738537	-6.9011987
7125000000	0.314159265	0.107979633	-8.877160004	-3.67818177	-10.63895192	-6.326512096	0.1295042	0.428728	0.0863187	0.2329962	-6.5878957
7125000000	0.314159265	0.20943951	-9.366290617	-3.52208877	-9.765757666	-5.378672925	0.11571	0.4444175	0.1055417	0.2898229	-6.2183288
7125000000	0.314159265	0.261799388	-8.251217004	-3.760430719	-8.98850282	-4.481174763	0.1495816	0.4206849	0.1262263	0.3563547	-5.7969451
7125000000	0.314159265	0.314159265	-8.14604773	-3.115560595	-8.1480971294	-3.758937062	0.1532481	0.4880271	0.1445503	0.4208296	-5.2047683
7125000000	0.314159265	0.366519143	-9.11494513	-1.365076569	-7.68150044	-3.523432115	0.1226042	0.7302849	0.1705493	0.444428	-5.3417122
7125000000	0.314159265	0.41887902	-9.094376294	-0.014010396	-6.308668747	-3.402023803	0.1231863	0.9967792	0.2339555	0.4568752	-3.441943
7125000000	0.314159265	0.471238898	-8.241836001	0.342707449	-4.253563273	-2.713056153	0.1499051	1.0821083	0.3755292	0.5354197	-2.7105405
7125000000	0.314159265	0.523598776	-8.058409829	0.2217996	-2.403006808	-1.813638277	0.156372	1.0523979	0.5750417	0.6586219	-2.1423775
7125000000	0.314159265	0.575958653	-8.031056658	0.231210629	-1.275108802	-1.599954497	0.15736	1.0546809	0.7456742	0.6918382	-1.7888733
7125000000	0.314159265	0.628318531	-6.953393444	-0.185067013	-1.022461656	-2.304579189	0.201679	0.9582819	0.7902306	0.5882321	-1.9749743
7125000000	0.314159265	0.680678408	-5.376649065	-1.677523704	-1.057523704	-2.717075397	0.289958	0.679591	0.7659382	0.5349245	-1.9459538
7125000000	0.314159265	0.733038286	-4.564846846	-2.446262654	-0.792432207	-1.255401161	0.3495548	0.5693427	0.8332143	0.7489622	-2.0393345
7125000000	0.314159265	0.7853981									

7125000000	0.366519143	-3.141592654	-19.13629992	-19.90078152	-14.50141613	-19.67110973	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.366519143	-3.089232776	-22.74639067	-14.93621237	-16.60975407	-20.82119654	0.0053133	0.0320907	0.0218285	0.0082771	-17.726944
7125000000	0.366519143	-3.036872899	-18.3187347	-11.54765027	-20.35959999	-18.06451974	0.0147274	0.0700221	0.0092053	0.0156152	-15.623681
7125000000	0.366519143	-2.984513021	-14.96867812	-8.296265647	-17.14478563	-14.95367549	0.0318517	0.1480381	0.0192984	0.0319619	-12.38166
7125000000	0.366519143	-2.932153143	-14.8991615	-7.562246724	-11.89597044	-13.8935057	0.0323656	0.1752973	0.0632999	0.040799	-11.08237
7125000000	0.366519143	-2.879793266	-16.30720282	-8.474953588	-10.8385189	-14.38302956	0.0234034	0.1420707	0.0824419	0.03645	-11.481822
7125000000	0.366519143	-2.827433388	-14.19942924	-8.652162265	-10.85389946	-14.92382947	0.0380239	0.1363904	0.0821505	0.0321823	-11.415424
7125000000	0.366519143	-2.775073511	-10.89243213	-8.920390512	-9.421610472	-14.18184715	0.0814248	0.1282215	0.1142455	0.0381782	-10.432675
7125000000	0.366519143	-2.722713633	-9.934729456	-10.73765559	-9.352695774	-11.40180809	0.1015143	0.084379	0.1160728	0.0724134	-10.287479
7125000000	0.366519143	-2.670353756	-10.61809658	-12.71595499	-10.91731587	-8.327341599	0.0867342	0.0535062	0.0809596	0.1649826	-10.359967
7125000000	0.366519143	-2.617993878	-11.44021525	-11.53386452	-12.69444339	-8.626245684	0.0711759	0.0702447	0.0537719	0.2076708	-9.9625595
7125000000	0.366519143	-2.565634	-12.75146251	-8.810298701	-12.99087366	-7.450967976	0.0530706	0.1315134	0.0502242	0.179847	-9.8437291
7125000000	0.366519143	-2.513274123	-12.13657003	-6.845185241	-9.775532169	-10.1420905	0.0611425	0.2067671	0.1053045	0.0967812	-9.2996653
7125000000	0.366519143	-2.460914245	-7.749929727	-5.932726115	-6.891678328	-12.85903972	0.1678831	0.2551099	0.2045654	0.0517721	-7.6997882
7125000000	0.366519143	-2.408554368	-4.891044199	-6.208512893	-5.581566223	-12.20977736	0.3242616	0.2394135	0.2765944	0.0601205	-6.4762931
7125000000	0.366519143	-2.35619449	-4.271283184	-7.759134428	-5.225310767	-10.80387074	0.3740001	0.1675277	0.3002403	0.0831023	-6.3597917
7125000000	0.366519143	-2.303834613	-5.273317577	-9.473191111	-5.455956429	-10.01446281	0.2969397	0.1143584	0.2847111	0.0996675	-7.0123335
7125000000	0.366519143	-2.251474735	-5.976825493	-9.216850989	-6.535979355	-9.837034391	0.2525326	0.1197609	0.2220251	0.1038237	-7.5811606
7125000000	0.366519143	-2.199114858	-4.444245111	-8.61788039	-8.30346381	-10.34436021	0.3593979	0.1374713	0.1475589	0.092377	-7.340704
7125000000	0.366519143	-2.14675498	-2.300405701	-8.625919914	-8.828902299	-11.43538494	0.5887887	0.137217	0.1309513	0.0718557	-6.3413184
7125000000	0.366519143	-2.094395102	-0.98791693	-8.295025891	-6.833915913	-12.19544576	0.7965413	0.1480803	0.2073043	0.0603192	-5.1846952
7125000000	0.366519143	-2.042035225	-0.906565886	-7.004657516	-4.694016011	-11.36731189	0.8116026	0.1993124	0.3393114	0.0729909	-4.4878881
7125000000	0.366519143	-1.989675347	-2.146013054	-5.40532524	-3.800747049	-9.318992248	0.6100967	0.2880497	0.4167977	0.1169771	-4.4614087
7125000000	0.366519143	-1.93731547	-4.458312191	-4.302260556	-4.139355574	-7.279880117	0.3582356	0.3713419	0.3855356	0.1870734	-4.8738682
7125000000	0.366519143	-1.884955592	-6.887388069	-4.062065828	-5.90659566	-5.750716486	0.2047676	0.2924582	0.2957539	0.2660286	-5.3797345
7125000000	0.366519143	-1.832595715	-7.333331685	-4.401552779	-6.760166198	-4.507201765	0.184785	0.3629483	0.2108547	0.3542255	-5.5563758
7125000000	0.366519143	-1.780235837	-4.738437952	-4.373241007	-7.29376015	-3.231392957	0.3358584	0.3653221	0.1863242	0.4751828	-4.6766374
7125000000	0.366519143	-1.72787596	-1.445216321	-3.565587187	-5.914532931	-2.019425445	0.7169327	0.4399885	0.2561809	0.6281415	-2.9216519
7125000000	0.366519143	-1.675516082	0.817097824	-2.879857563	-4.473147181	-1.218843068	1.207007	0.5152455	0.357014	0.7552934	-1.4957343
7125000000	0.366519143	-1.623156204	1.871792276	-2.941743203	-4.184286756	-1.011467689	1.5387895	0.5079555	0.3815675	0.7922336	-1.4013048
7125000000	0.366519143	-1.570796327	2.330611276	-3.296334823	-4.168193297	-0.1172975023	1.710256	0.46813	0.382984	0.7633127	-0.8039077
7125000000	0.366519143	-1.518436449	2.996964352	-2.959722781	-2.935152706	-1.050816951	1.9938681	0.505857	0.5087268	0.7850879	-0.2301534
7125000000	0.366519143	-1.466076572	3.195033126	-1.790340641	-0.924472608	-0.343448633	2.4657572	0.6621646	0.8082631	0.9239642	-0.845896
7125000000	0.366519143	-1.413716694	4.391249036	-0.629037756	0.426833205	0.324283008	2.7486846	0.8651596	1.1032738	1.0775273	1.6096687
7125000000	0.366519143	-1.361356817	3.955410752	-0.241991026	0.405121452	0.405121452	2.4862287	0.9458035	1.1171344	1.097772	1.4975307
7125000000	0.366519143	-1.308996939	2.933565048	-0.703773895	-0.324039699	0.056260099	1.9649726	0.8503987	0.9281027	1.0312226	0.7523634
7125000000	0.366519143	-1.2566637061	2.455266838	-1.474906386	-0.800591025	0.003669288	1.7600568	0.7120481	0.8316506	1.0008452	0.3187289
7125000000	0.366519143	-1.204277184	2.900816088	-1.858061057	-0.474108908	0.581694584	1.950211	0.6519194	0.8965801	1.1433244	0.6464841
7125000000	0.366519143	-1.151917306	3.234573268	-1.897514417	-0.265688522	1.130650765	2.105995	0.6660239	0.9406567	1.2973737	0.9604483
7125000000	0.366519143	-1.099557429	2.9758859	-2.556805123	-1.12259379	1.007175852	1.9842144	0.5450399	0.7721292	1.2196102	0.9801432
7125000000	0.366519143	-1.047197551	2.639757502	-4.357392463	-0.720706076	0.234366021	1.8364358	0.3666577	0.5239549	1.0554474	-0.2428154
7125000000	0.366519143	-0.994837674	2.803622109	-6.032494464	-3.622036902	-0.474064198	1.9070506	0.2493162	0.4343065	0.9658984	-0.5957533
7125000000	0.366519143	-0.942477796	3.04563458	-5.824487201	-2.854614268	-0.652956348	2.0163386	0.2615482	0.5182491	0.8604079	-0.3898922
7125000000	0.366519143	-0.890117919	2.626691129	-5.291359311	-0.285221107	-0.967458678	1.8309189	0.2957087	0.6186968	0.8003024	-0.5326697
7125000000	0.366519143	-0.837758041	1.529163818	-5.684261846	-2.829391157	-1.832440978	1.422055	0.2701306	0.5911601	0.6557766	-1.384233
7125000000	0.366519143	-0.785398163	1.193633333	-7.050318524	-2.893991497	-2.214401047	1.3163256	0.1972278	0.5200689	0.6005648	-1.4811336
7125000000	0.366519143	-0.733038286	2.308951266	-8.755368166	-2.728150106	-1.142709399	1.7017475	0.1331874	0.5335621	0.7686508	-1.0552501
7125000000	0.366519143	-0.680678408	2.952450535	-9.02242032	-2.167369302	0.000637172	1.973536	0.1252443	0.607104	1.0001467	-0.3315094
7125000000	0.366519143	-0.628318531	2.096957072	-8.158097304	-2.14233958	0.041189825	1.6206742	0.1528235	0.6103467	1.0095294	-0.7142884
7125000000	0.366519143	-0.575958653	-0.245341889	-8.384921591	-3.222979975	-1.281170129	0.945074	0.1450467	0.4761042	0.7445313	-2.3830586
7125000000	0.366519143	-0.523598776	-3.166975776	-9.95051846	-4.945838909	-3.592794763	0.4822835	0.1011459	0.3201962	0.4372406	-1.7467455
7125000000	0.366519143	-0.471238898	-4.326592098	-11.49140171	-5.979813508	-5.275766482	0.3692672	0.0709349	0.2523589	0.2967723	-0.6067173
7125000000	0.366519143	-0.41887902	-3.722701384	-12.83951939	-5.901320415	-5.32475061	0.4243555	0.0520054	0.2569614	0.2934438	-0.9058846
7125000000	0.366519143	-0.366519143	-3.480346442	-14.92622076	-6.064109241	-5.117711136	0.4487096	0.0321646	0.2485359	0.3077718	-5.862057
7125000000	0.366519143	-0.314159265	-4.056154443	-16.90814813	-7.564878046	-4.948835864	0.3929928	0.0203791	0.1751912	0.3199753	-6.4371675
7125000000	0.366519143	-0.261799388	-4.938471539	-15.67653116	-9.959045897	-4.734512975	0.3207398	0.0270612	0.1009475	0.3361621	-7.0723985
7125000000	0.366519143	-0.20943951	-5.312409026	-11.71139735	-10.7480083	-5.032782342	0.2942789	0.0674311	0.0841781	0.3138497	-7.2139624
7125000000	0.366519143	-0.157079633	-5.000059686	-10.20759325	-9.768199632	-5.878161111	0.3162234	0.0953324	0.1054824	0.2583354	-7.1254896
7125000000	0.366519143	-0.104719755	-4.881414868	-11.5762499	-9.64591173	-6.490931466	0.3249814	0.0695625	0.1085128	0.2243401	-7.4028866
7125000000	0.366519143	-0.052359878	-5.535998571	-10.51196078	-10.36787676	-6.851597713	0.2795118	0.08888	0.0918782	0.206462	-7.781087
7125000000	0.366519143	-4.44E-16	-6.404297334	-6.929234924	-9.885710057	-7.705971652	0.2288602	0.202804	0.1026666	0.169591	-7.545356
7125000000	0.366519143	0.052359878	-6.755640269	-5.10361119	-9.74999718	-8.435618944	0.2110746	0.3087727	0.1059254	0.1433633	-7.1605681
7125000000	0.366519143	0.104719755	-7.534333267	-4.262702355	-10.46670909	-7.631208088	0.1764277	0.3747398	0.0898109	0.1725359	-6.619649
7125000000	0.366519143	0.150779633	-9.39015167	-3.681637727	-10.3008536	-6.298029282	0.115076	0.4283869	0.0933236	0.2345293	-6.6188484
7125000000	0.366519143	0.20943951	-9.909368049	-3.70110404	-9.414055945	-5.306239272	0.1021088	0.4264711	0.1144444	0.2946697	-6.2998612
7125000000	0.366519143	0.261799388	-8.662442112	-4.072534327	-8.812012028	-4.381239655	0.1360679	0.3915133	0.1293862	0.3646498	-5.9277176
7125000000	0.366519143	0.314159265	-8.707461323	-3.127396115	-7.477993161	-3.603788358	0.1346647	0.4866989	0.1461793	0.4362605	-5.230447
7125000000	0.366519143	0.3665									

7125000000	0.366519143	2.775073511	-8.263113128	-12.89158391	-17.15563614	-7.636994631	0.1491725	0.0513856	0.0192503	0.1723061	-10.086472
7125000000	0.366519143	2.827433388	-8.796217726	-19.50080917	-10.78272348	-10.120731	0.1319405	0.0112181	0.0835079	0.0972584	-10.916157
7125000000	0.366519143	2.879793266	-8.719697314	-18.26467612	-9.497354185	-13.31579258	0.1342859	0.0149119	0.1122702	0.0466037	-11.134082
7125000000	0.366519143	2.932153143	-8.368449599	-15.25455346	-11.17438555	-14.16188681	0.1455979	0.0298225	0.0736065	0.0383541	-11.395408
7125000000	0.366519143	2.984513021	-9.006333098	-13.29876023	-13.9524753	-14.82494448	0.1257091	0.0467869	0.0402488	0.0329235	-12.117111
7125000000	0.366519143	3.036872899	-12.56911396	-14.53848417	-15.54724079	-16.51731939	0.0553463	0.0351683	0.0278789	0.0222981	-14.537917
7125000000	0.366519143	3.089232776	-18.15006545	-23.65629145	-14.66488181	-17.97608157	0.0153106	0.0043089	0.0341595	0.0159365	-17.587302
7125000000	0.366519143	3.141592654	-19.13629992	-19.90078152	-14.50141613	-19.67110973	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.41887902	-3.141592654	-19.13630003	-19.90078192	-14.50141591	-19.6711104	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.41887902	-3.089232776	-22.45574822	-14.96687628	-16.39420388	-20.25070607	0.005681	0.0318649	0.0229393	0.0094391	-17.574323
7125000000	0.41887902	-3.036872899	-17.64808671	-11.41299478	-19.74878074	-17.33647556	0.0171867	0.0722272	0.0105955	0.0184651	-15.284353
7125000000	0.41887902	-2.984513021	-14.08362037	-8.01840014	-16.82998582	-14.69350377	0.0390515	0.1578193	0.0207492	0.0339351	-12.014268
7125000000	0.41887902	-2.932153143	-13.46824344	-7.445874345	-11.8840217	-14.28078881	0.0449962	0.1800581	0.0648034	0.0373182	-10.872787
7125000000	0.41887902	-2.879793266	-15.19564506	-8.630613278	-11.01547759	-14.61043435	0.0302298	0.1370688	0.0791502	0.0345905	-11.532929
7125000000	0.41887902	-2.827433388	-16.97612592	-8.623600461	-11.19450445	-13.303103	0.0200626	0.1372903	0.0759538	0.0467401	-11.548293
7125000000	0.41887902	-2.775073511	-12.637977	-8.656099144	-9.428644024	-12.47753909	0.0544756	0.1362668	0.1140606	0.0565257	-10.441575
7125000000	0.41887902	-2.722713633	-9.406893182	-10.42424867	-8.976472343	-12.33610096	0.1146333	0.0906933	0.1265764	0.0583969	-10.106616
7125000000	0.41887902	-2.670353756	-8.729544126	-12.35530144	-10.13387369	-10.23318119	0.1339817	0.0581393	0.0969645	0.0947724	-10.178895
7125000000	0.41887902	-2.617993878	-10.45026031	-11.48752922	-12.01844463	-8.262087452	0.0901517	0.0709982	0.0682883	0.1492077	-10.301348
7125000000	0.41887902	-2.565634	-14.9230138	-9.262137659	-13.34224864	-8.552256837	0.0321883	0.1185185	0.0463207	0.1395643	-10.749564
7125000000	0.41887902	-2.513274123	-12.81880275	-7.458831806	-10.43278413	-11.4196604	0.052254	0.1795216	0.0905152	0.0721164	-10.061151
7125000000	0.41887902	-2.460914245	-7.293786516	-6.335354194	-7.289325918	-14.3943951	0.1864753	0.2325223	0.1866669	0.0363547	-7.945119
7125000000	0.41887902	-2.408554368	-4.727606359	-6.223616637	-5.809123215	-11.95713088	0.3366971	0.2385824	0.2624748	0.0637216	-6.4710586
7125000000	0.41887902	-2.35619449	-4.364245186	-7.269385775	-5.324554725	-9.395378847	0.3660796	0.187526	0.293457	0.1149376	-6.1888484
7125000000	0.41887902	-2.303834613	-5.5531558	-8.188349098	-5.087554529	-8.327828124	0.2784097	0.1517627	0.3099164	0.1469691	-6.5410947
7125000000	0.41887902	-2.251474735	-6.308536997	-7.576933239	-5.282953024	-8.418214211	0.2339625	0.1747055	0.2962816	0.143939	-6.7320923
7125000000	0.41887902	-2.199114858	-4.368522886	-7.027866235	-6.354884249	-9.347625002	0.3657192	0.1982501	0.231479	0.1162084	-6.4222868
7125000000	0.41887902	-2.14675498	-2.005127088	-7.450710378	-7.565125687	-10.81423688	0.6302129	0.1798577	0.1751812	0.0829042	-5.7342535
7125000000	0.41887902	-2.094395102	-0.884007582	-8.3486174	-6.665828303	-12.20870296	0.8158292	0.1462643	0.2154851	0.0601353	-5.0943974
7125000000	0.41887902	-2.042035225	-1.341001928	-8.861645048	-4.474753075	-12.33556232	0.7343444	0.1299677	0.356882	0.0584042	-4.9498632
7125000000	0.41887902	-1.989675347	-3.584811486	-8.200314383	-3.220242627	-10.7542833	0.4380451	0.1513452	0.4764044	0.0840566	-5.4141834
7125000000	0.41887902	-1.93731547	-8.108640385	-6.885769546	-3.133813766	-8.713467573	0.1545738	0.2048439	0.4859803	0.1344473	-6.1089107
7125000000	0.41887902	-1.884955592	-15.03348815	-6.076001502	-3.794552786	-7.056813201	0.0313799	0.2468311	0.4173926	0.1969331	-6.5143395
7125000000	0.41887902	-1.832595715	-9.854541356	-5.692744569	-4.83639238	-5.639781655	0.103406	0.2696035	0.328368	0.2729115	-6.133722
7125000000	0.41887902	-1.780235837	-4.121222401	-4.813396374	-5.633542766	-4.141550668	0.3871487	0.3301113	0.2733038	0.3853407	-6.4347169
7125000000	0.41887902	-1.72787596	-0.635733616	-3.413892904	-5.44977019	-2.680174888	0.8638267	0.4556283	0.2851169	0.5394889	-7.0010586
7125000000	0.41887902	-1.67516082	1.425840592	-2.41960163	-4.901301848	-1.626282674	1.3886221	0.5728486	0.3234967	0.6876568	-1.2892
7125000000	0.41887902	-1.623156204	2.36804531	-2.253230853	-4.97739066	-1.151939323	1.7250613	0.5952192	0.3178783	0.7670189	-0.6992021
7125000000	0.41887902	-1.57706327	2.655890498	-2.470524264	-4.968387011	-1.004261498	1.8432704	0.5661709	0.318538	0.7935492	-0.5532878
7125000000	0.41887902	-1.518436449	2.96749759	-2.246893963	-3.478151693	-0.573887552	1.9803856	0.5660883	0.4489364	0.8762161	-0.108143
7125000000	0.41887902	-1.466076572	3.581664425	-1.36565137	-1.222088714	0.31126529	2.2812162	0.7301883	0.7547292	1.0743024	0.8282449
7125000000	0.41887902	-1.413716694	3.962353685	-0.440737306	-0.264878814	1.042337211	2.4902065	0.9304961	1.0628889	1.2712581	1.5593161
7125000000	0.41887902	-1.361356817	3.560400308	-0.190822275	-0.406471655	1.186447905	2.2700741	0.9570129	1.0981133	1.3141495	1.4916904
7125000000	0.41887902	-1.308996939	2.670247879	-0.7537051	-0.292601325	0.975521895	1.8493742	0.8399684	0.9348456	1.2542635	0.8860843
7125000000	0.41887902	-1.256637081	2.555790077	-1.663294956	-0.616871925	1.072277068	1.8012789	0.6818212	0.8675973	1.2800523	0.6359502
7125000000	0.41887902	-1.204277184	3.409929995	-2.224683985	-0.165879271	1.626135793	2.1927696	0.5991445	0.9625266	1.4541646	1.1406616
7125000000	0.41887902	-1.151917306	3.939671573	-2.470313032	0.045112126	2.006359202	2.4772347	0.5661985	1.0104416	1.5872156	1.4930307
7125000000	0.41887902	-1.095574259	3.685597437	-3.44087022	-0.901957299	1.680620616	2.3364675	0.4528068	0.8124643	1.4725229	1.0331285
7125000000	0.41887902	-1.047197519	3.213914435	-5.805131125	-2.678083914	0.693974311	2.0960008	0.2627162	0.5397487	1.1732686	0.0771944
7125000000	0.41887902	-0.994837674	3.144731107	-7.700772685	-3.46540313	-0.244241585	2.0628759	0.1697942	0.4505262	0.9453135	-0.4236402
7125000000	0.41887902	-0.942477796	3.160959021	-6.580963492	-2.602224434	-0.552931425	2.0705985	0.2197372	0.5492595	0.8804544	-0.3151126
7125000000	0.41887902	-0.890117919	2.699024653	-5.36327699	-1.776066294	-0.803489036	1.861669	0.2908522	0.6643445	0.8130958	-0.4000974
7125000000	0.41887902	-0.837758041	1.827857516	-5.235609395	-1.967472168	-1.467248338	1.5233011	0.2995291	0.6357008	0.7310489	-1.0074928
7125000000	0.41887902	-0.785398163	1.611457259	-6.043559877	-2.602615809	-1.825069081	1.4492581	0.2468818	0.54921	0.6568907	-1.3905732
7125000000	0.41887902	-0.733038286	2.50760595	-7.512641619	-1.188860115	-0.646937105	1.7813965	0.1773111	0.5436336	0.7605259	-0.8846062
7125000000	0.41887902	-0.680678408	3.034838929	-8.302466471	-2.259293124	-0.558540154	2.0113326	0.1478269	0.5943889	0.879318	-0.4181056
7125000000	0.41887902	-0.628318531	2.190177106	-7.720986143	-0.39685399	-0.957650009	1.6558375	0.1690057	0.5702056	0.802112	-0.9729552
7125000000	0.41887902	-0.575958653	-0.031085066	-7.923588659	-3.830862584	-2.706662455	0.9928678	0.1613025	0.4139175	0.5362086	-2.7895308
7125000000	0.41887902	-0.523598762	-2.600099209	-9.613050552	-5.406326193	-5.046356223	0.5495283	0.1093188	0.252969	0.2879807	-5.2295225
7125000000	0.41887902	-0.471238898	-3.779171069	-11.26832433	-7.103593984	-6.738870868	0.4188735	0.0746737	0.1948232	0.2118912	-6.4769129
7125000000	0.41887902	-0.48187902	-3.789820316	-12.42586781	-6.642212395	-5.764511834	0.4178477	0.0572023	0.21666	0.2651486	-6.2119578
7125000000	0.41887902	-0.366519143	-3.814106905	-14.67890269	-6.415562579	-4.904926705	0.4155175	0.0340494	0.2282673	0.3232268	-6.0159945
7125000000	0.41887902	-0.314159265	-4.253674695	-17.76094859	-7.710980595	-4.598323316	0.3755195	0.0167458	0.1693983	0.3468707	-6.4371863
7125000000	0.41887902	-0.261799388	-4.986070145	-16.45058633	-9.863208238	-4.619601367	0.3172437	0.0226434	0.1031999	0.3451754	-7.053892
7125000000	0.41887902	-0.20943951	-5.396883992	-11.68450606	-10.37891073	-5.18848674	0.2886102	0.0678499	0.091645	0.3027968	-7.2646767
7125000000	0.41887902	-0.157079633	-9.95420324	-9.375188691	-6.148799204	-6.148799204	0.3088986	0.1010601	0.1154732	0.2427281	-7.1660834
7125000000	0.41887902	-0.104719755	-4.897785447	-11.39616943	-9.394283905	-6.667337229	0.3237587	0.0725075	0.1149666	0.2154102	-7.4073889
7125000000	0.41887902	-0.052359878	-5.495210382	-10.63217521	-10.29552797	-					

7125000000	0.41887902	2.35619449	-5.54821817	-14.35616945	-9.210132153	-4.909880386	0.2787265	0.0366761	0.1199463	0.3228583	-7.2227213
7125000000	0.41887902	2.408554368	-5.021062965	-14.51965987	-10.42908521	-4.155778306	0.3146978	0.0353211	0.0905923	0.3840804	-6.857684
7125000000	0.41887902	2.460914245	-4.536142319	-9.936576618	-12.97563459	-4.933500351	0.3518729	0.1014711	0.0504007	0.3211071	-6.8568407
7125000000	0.41887902	2.513274123	-4.774671056	-7.668948928	-16.33811037	-7.835764938	0.333068	0.1710429	0.0232375	0.0651937	-7.6198779
7125000000	0.41887902	2.565634	-5.100881634	-8.452044957	-21.28436082	-12.89719326	0.3089668	0.1428221	0.0074398	0.0513193	-8.9402323
7125000000	0.41887902	2.617993878	-6.280452464	-10.60779964	-18.31287449	-11.5612245	0.2354804	0.0869401	0.0147473	0.0698306	-9.9249617
7125000000	0.41887902	2.670353756	-8.36361223	-9.573374038	-13.86825698	-7.764919521	0.1466776	0.1103221	0.0410369	0.1673047	-9.342884
7125000000	0.41887902	2.722713633	-8.765466494	-8.804244842	-15.07853105	-6.6071051	0.1328781	0.1316969	0.0310561	0.2184185	-8.9105496
7125000000	0.41887902	2.775073511	-8.668464097	-11.01454445	-16.63351354	-7.75299257	0.1358794	0.0791672	0.0217094	0.1677648	-9.9511909
7125000000	0.41887902	2.827433388	-8.882221859	-15.80260287	-11.5725434	-10.88103949	0.1293534	0.0262869	0.0662199	0.0816387	-11.550619
7125000000	0.41887902	2.879793266	-8.660266345	-18.20741342	-10.72382531	-13.8221637	0.1361361	0.0151098	0.0938896	0.0414747	-11.447683
7125000000	0.41887902	2.932153143	-8.205212453	-15.5450168	-11.59162669	-14.02401105	0.1511746	0.0278932	0.0693166	0.0395912	-11.427043
7125000000	0.41887902	2.984513021	-8.748334136	-12.94573098	-13.94835916	-14.65313822	0.1334033	0.0507489	0.0402869	0.034252	-11.892784
7125000000	0.41887902	3.036872899	-12.20718065	-13.92850136	-15.55044363	-16.24216678	0.0601564	0.0404716	0.0278584	0.0237565	-14.19523
7125000000	0.41887902	3.089232776	-17.92442326	-22.81840152	-14.71395496	-17.8598432	0.0161272	0.0052259	0.0337757	0.0163688	-17.477691
7125000000	0.41887902	3.141592654	-19.13630003	-19.90078192	-14.50141591	-19.6711104	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.471238898	3.141592654	-19.13629991	-19.9007818	-14.50141605	-19.67110987	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.471238898	-3.089232776	-22.16929594	-15.00013734	-16.17943244	-19.70365215	0.0060683	0.0316218	0.0241022	0.0107062	-17.417309
7125000000	0.471238898	-3.036872899	-17.07732183	-11.29483221	-19.12797814	-16.58437919	0.0196005	0.0472193	0.0120982	0.0219564	-14.952762
7125000000	0.471238898	-2.984513021	-13.38512043	-7.787424701	-16.61040693	-14.34664353	0.0458657	0.1664399	0.0218253	0.0367566	-11.69271
7125000000	0.471238898	-2.932153143	-12.39745557	-7.373207853	-11.85937259	-14.70764028	0.0575777	0.1830962	0.0651723	0.0338249	-10.710015
7125000000	0.471238898	-2.879793266	-13.97826089	-8.816665382	-11.14729641	-15.10219065	0.0400105	0.1313208	0.0767839	0.0308781	-11.564518
7125000000	0.471238898	-2.827433388	-19.93299152	-8.605287568	-11.39531549	-12.2414201	0.0101555	0.1377805	0.0752518	0.059684	-11.545427
7125000000	0.471238898	-2.775073511	-14.34188821	-8.371453384	-9.434937087	-10.6876272	0.0367969	0.1454972	0.1138954	0.0853566	-10.205129
7125000000	0.471238898	-2.722713633	-8.962286702	-9.875043296	-8.660478544	-10.93280353	0.1269905	0.102919	0.135954	0.0806714	-9.5220447
7125000000	0.471238898	-2.670353756	-7.793963786	-11.60709534	-9.475611104	-10.04692014	0.1661895	0.0690702	0.128337	0.0989254	-9.513741
7125000000	0.471238898	-2.617993878	-10.12094553	-11.4446716	-11.47481579	-8.247815179	0.0972535	0.0717023	0.0172053	0.1496899	-10.11513
7125000000	0.471238898	-2.565634	-17.73025997	-9.976435727	-14.06891365	-8.04320102	0.0168645	0.1005441	0.039184	0.1569206	-11.058042
7125000000	0.471238898	-2.513274123	-13.91125532	-8.428406115	-11.82801715	-9.692330557	0.0406326	0.1436016	0.0656445	0.1073413	-10.491242
7125000000	0.471238898	-2.460914245	-7.890618623	-7.058303778	-8.198458317	-11.19970908	0.1625317	0.1968655	0.1514099	0.0758868	-8.3366616
7125000000	0.471238898	-2.408554368	-5.657729126	-6.239073313	-6.394200076	-9.948245506	0.271786	0.2295793	0.2293929	0.1011988	-6.8195501
7125000000	0.471238898	-2.35619449	-5.532640692	-6.698349819	-5.778912096	-8.311845051	0.279728	0.2138775	0.2643071	0.147508	-6.4520967
7125000000	0.471238898	-2.303834613	-6.787307898	-7.006062604	-5.174758672	-7.765175391	0.2095411	0.1992469	0.3037555	0.1672948	-6.5765664
7125000000	0.471238898	-2.251474735	-7.186931728	-6.508744689	-4.661624345	-8.211433554	0.1911203	0.2234218	0.3418516	0.1509582	-6.4428427
7125000000	0.471238898	-2.199114858	-4.787327906	-6.36005717	-5.131439965	-9.263466601	0.3320987	0.2340962	0.3068005	0.1184823	-6.0577708
7125000000	0.471238898	-2.14675498	-2.379066117	-7.112612917	-6.4275290746	-10.58055237	0.5782204	0.1949491	0.2276381	0.0874852	-5.6552537
7125000000	0.471238898	-2.094395102	-1.388468655	-8.799177612	-6.34627535	-11.8093194	0.726362	0.1318506	0.2320797	0.0659277	-5.3901946
7125000000	0.471238898	-2.042035225	-2.040303707	-10.9488276	-4.304141894	-12.096345	0.625129	0.0803743	0.3711811	0.0617926	-5.4573575
7125000000	0.471238898	-1.989675347	-4.537060787	-11.00150061	-2.843960575	-10.79230781	0.3517984	0.0794054	0.519522	0.0833238	-5.875186
7125000000	0.471238898	-1.93731547	-9.735025649	-8.337398428	-2.470517425	-8.872429889	0.1062912	0.1466426	0.5661718	0.1296454	-5.2947763
7125000000	0.471238898	-1.884955592	-20.78249295	-6.361088699	-2.76961104	-7.17732798	0.0083512	0.2311485	0.5284926	0.1915434	-6.1999883
7125000000	0.471238898	-1.832595715	-9.143786178	-5.276461333	-3.391848768	-5.676108788	0.1217927	0.2967248	0.4579469	0.2706382	-5.425577
7125000000	0.471238898	-1.780235837	-3.294396304	-4.185930918	-3.887730846	-4.111286996	0.468339	0.381423	0.4085328	0.3880354	-5.4534304
7125000000	0.471238898	-1.72787596	-0.259599887	-2.946192851	-3.94948117	-2.562896271	0.9419764	0.5074353	0.4027651	0.5542526	-2.2068626
7125000000	0.471238898	-1.675516082	1.373456717	-2.172065874	-0.009588807	-1.39987355	1.3179137	0.6064478	0.3975586	0.7244571	-1.1063712
7125000000	0.471238898	-1.623156204	2.08670955	-2.199303437	-4.600411768	-0.826974634	1.6168546	0.6026562	0.3463848	0.8266136	-0.7153896
7125000000	0.471238898	-1.570796327	2.201214371	-2.618062597	-5.002840366	-0.628718735	1.660051	0.54726	0.316021	0.8652231	-0.7204542
7125000000	0.471238898	-1.518464449	2.158207161	-2.59286342	-3.725990997	-0.250002209	1.643693	0.5504447	0.4240343	0.9440604	-0.5033775
7125000000	0.471238898	-1.466076572	2.343179978	-1.87293149	-1.49007539	0.511770098	1.7152128	0.649691	0.7095655	1.1250634	-0.214097
7125000000	0.471238898	-1.413716694	2.536800775	-1.060404664	0.017735281	1.14786803	1.7931147	0.7833566	1.004092	1.3025722	0.8663479
7125000000	0.471238898	-1.361356817	2.215091234	-0.891775391	0.200614729	1.260614729	1.6653638	0.8143713	1.0489342	1.3367847	0.8056338
7125000000	0.471238898	-1.308996939	1.672060332	-1.533033316	-0.349393312	1.073414391	1.4696233	0.7025378	0.9227003	1.2803875	0.3894278
7125000000	0.471238898	-1.256637061	2.161120596	-2.491174465	-0.141868925	1.191426889	1.6447961	0.5634853	0.9088937	1.315657	0.4642129
7125000000	0.471238898	-1.204277184	3.473617513	-0.039245672	0.266330678	1.717185267	2.2251626	0.4966786	1.0632443	1.4849729	1.1975544
7125000000	0.471238898	-1.151917306	4.201301541	-3.240795542	0.557184104	2.031694938	2.6310564	0.4741551	1.1368899	1.5965021	1.6424899
7125000000	0.471238898	-1.099557429	3.958983607	-4.272727774	-0.42296486	1.625428713	2.4882749	0.3738577	0.907201	1.4539279	1.0588737
7125000000	0.471238898	-1.047197551	6.970048122	-2.288433884	0.528617563	2.1701329	2.0090701	0.590414	1.1294363	1.0975784	
7125000000	0.471238898	-0.994837764	3.17183033	-9.085072344	-3.153452337	-0.582406669	2.0757882	0.1234505	0.4837876	0.874499	-0.5091199
7125000000	0.471238898	-0.942477692	3.135066913	-7.279598805	-2.771273602	-1.027801143	2.0582622	0.1870855	0.5926889	0.7892596	-0.4247698
7125000000	0.471238898	-0.890117919	2.754907828	-5.58384248	-1.391206476	-1.239244478	1.8857789	0.2764495	0.7259043	0.7517537	-0.4097217
7125000000	0.471238898	-0.837758041	2.159762445	-5.095511164	-1.570604545	-1.737487713	1.6442818	0.3039491	0.6965295	0.6707272	-0.8086531
7125000000	0.471238898	-0.785398163	2.015545487	-5.600604301	-2.32177099	-2.071829236	1.5905765	0.2753845	0.5858992	0.6206702	-1.1457266
7125000000	0.471238898	-0.733038286	2.559643019	-6.990581829	-2.57648902	-1.778456921	1.8028695	0.1999594	0.5525239	0.6639789	-0.9429425
7125000000	0.471238898	-0.680678408	2.844548796	-7.94679346	-2.34558738	-1.629826768	1.925107	0.160443	0.5826988	0.6870958	-0.7326286
7125000000	0.471238898	-0.628318531	1.985880469	-7.307515455	-2.676227345	-2.521081416	1.5797488	0.1858868	0.5404273	0.5596182	-1.4483213
7125000000	0.471238898	-0.575958653	-0.035074661	-7.406623098	-4.718177654	-0.9319563	0.9919563	0.1816928	0.3673704	0.3734289	-0.8282604
7125000000	0.471238898	-0.523598776	-2.091846416	-9.228441803	-6.983979334	-7.360419365	0.6177537	0.1194417	0.2002636	0.1836361	-5.5241754
7125000000	0.471238898	-0.471238898	-3.06624644	-11.04789276	-						

7125000000	0.471238898	1.93731547	-1.868887205	-9.450431678	-5.342825461	-1.316009594	0.6502963	0.1134898	0.2922251	0.7385825	-3.4809385
7125000000	0.471238898	1.989675347	-2.08999627	-9.536173226	-6.492059778	-1.760215236	0.6180169	0.1112712	0.2242818	0.6667737	-3.9245287
7125000000	0.471238898	2.042035225	-2.537418527	-8.753119593	-7.284758215	-2.449476286	0.557517	0.1332564	0.1868634	0.5689215	-4.4172404
7125000000	0.471238898	2.094395102	-3.436278179	-7.07613152	-8.83879275	-3.222022468	0.4532859	0.196059	0.1306534	0.4762092	-5.0298862
7125000000	0.471238898	2.14675498	-3.987057629	-6.336231346	-1.62402084	-4.150554625	0.3992953	0.2324753	0.0657049	0.3845427	-5.7288254
7125000000	0.471238898	2.199114858	-3.383847181	-7.029955736	-13.43120127	-5.060986334	0.4587914	0.1981547	0.0453816	0.3118181	-5.9595956
7125000000	0.471238898	2.251477335	-2.954824885	-8.997399164	-11.22471203	-5.323074101	0.5064278	0.125968	0.0754273	0.2935571	-6.014611
7125000000	0.471238898	2.303834613	-3.860377883	-11.49338158	-9.556133947	-4.782761986	0.4111139	0.0709025	0.1107609	0.3324481	-6.358124
7125000000	0.471238898	2.35619449	-5.428213472	-12.83353267	-9.70138577	-4.194963036	0.2865356	0.0520553	0.1070734	0.3806306	-6.8494923
7125000000	0.471238898	2.408554368	-5.271621403	-12.76876038	-11.92372551	-4.380805957	0.2970557	0.0528596	0.0642137	0.3646863	-7.1062556
7125000000	0.471238898	2.460914245	-4.672120511	-11.03337259	-14.97321251	-6.038437648	0.3410264	0.0788248	0.0318184	0.2489753	-7.5656206
7125000000	0.471238898	2.513274123	-5.168525469	-9.368048432	-16.97454429	-9.923544725	0.3041918	0.1156632	0.0200699	0.101776	-8.6830043
7125000000	0.471238898	2.565634	-5.661675854	-9.933144297	-18.89136727	-13.548024	0.2715391	0.1015513	0.0129081	0.0441771	-9.684141
7125000000	0.471238898	2.617993878	-6.40634491	-11.414025	-17.62666413	-9.523214819	0.2287523	0.07221	0.0172716	0.1116037	-9.6875552
7125000000	0.471238898	2.670353756	-8.344076673	-9.635730381	-14.37160403	-6.714030459	0.1464173	0.1087494	0.036546	0.2131066	-8.9892403
7125000000	0.471238898	2.722713633	-9.398583552	-8.383420548	-14.68025478	-6.369399224	0.1148528	0.1450968	0.0340388	0.2307066	-8.8215298
7125000000	0.471238898	2.775073511	-9.220240291	-9.79877984	-15.4907547	-8.238589538	0.1196674	0.1047423	0.0282439	0.1500172	-9.9710986
7125000000	0.471238898	2.827433388	-9.058978723	-13.55294176	-12.29631823	-11.82424741	0.1241944	0.0441271	0.0589343	0.0657015	-11.352555
7125000000	0.471238898	2.879793266	-8.651084744	-17.36800251	-11.21820355	-13.82199038	0.1364242	0.0183316	0.0755405	0.0414764	-11.678542
7125000000	0.471238898	2.932153143	-8.092084347	-15.61503566	-12.10224714	-13.51069793	0.1551642	0.0274471	0.0616276	0.0455881	-11.414667
7125000000	0.471238898	2.984513021	-8.525681371	-12.61741445	-14.0011934	-14.26130348	0.1404209	0.0547342	0.0397998	0.037486	-11.667876
7125000000	0.471238898	3.036872899	-11.87441889	-13.41992873	-15.6022921	-15.89166605	0.0649469	0.0454996	0.0275278	0.0257533	-13.879384
7125000000	0.471238898	3.089232776	-17.70160069	-22.11495925	-14.77324841	-17.75028021	0.0169762	0.0061447	0.0333177	0.016787	-17.373971
7125000000	0.471238898	3.141592654	-19.13629991	-19.9007818	-14.50141605	-19.67110987	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.523598776	-3.141592654	-19.13630023	-19.900782	-14.50141615	-19.67111022	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.523598776	-3.089232776	-21.89432684	-15.03527867	-15.96823109	-19.18976327	0.006465	0.0313669	0.0253033	0.012051	-17.259217
7125000000	0.523598776	-3.036872899	-16.60742298	-11.19921212	-18.63574703	-15.85336044	0.0218403	0.0758175	0.0136907	0.0259815	-14.62124
7125000000	0.523598776	-2.984513021	-12.86287466	-7.603707839	-16.48375733	-13.91181111	0.0517264	0.1736318	0.0224711	0.0406274	-14.419794
7125000000	0.523598776	-2.932153143	-11.61693274	-7.340313211	-11.91174032	-15.03222531	0.0689139	0.1844882	0.0643911	0.031389	-10.590078
7125000000	0.523598776	-2.879793266	-12.76075469	-9.037518542	-11.22555515	-15.86525215	0.0529571	0.1248096	0.0754127	0.0259106	-11.563156
7125000000	0.523598776	-2.827433388	-18.50528842	-8.61121886	-11.47626426	-11.75163743	0.0141082	0.1376823	0.0711826	0.0668092	-11.998882
7125000000	0.523598776	-2.775073511	-14.46046941	-8.057185933	-9.514284818	-9.523650553	0.0358058	0.1564161	0.1118334	0.1115925	-9.833457
7125000000	0.523598776	-2.722713633	-8.705906287	-9.124827282	-8.00260195	-9.267050748	0.134713	0.1223256	0.1412529	0.1183485	-8.8884174
7125000000	0.523598776	-2.670353756	-7.654948592	-10.63033387	-8.999171398	-8.578287557	0.1715952	0.0864901	0.1259166	0.1387303	-8.8378075
7125000000	0.523598776	-2.617993878	-10.24162814	-11.36164382	-11.01472813	-7.070537961	0.0945882	0.0730862	0.0791639	0.1963117	-9.5550974
7125000000	0.523598776	-2.565634	-16.32370532	-10.79487929	-14.76266346	-6.461556185	0.0233147	0.0832745	0.033399	0.2258626	-10.7837559
7125000000	0.523598776	-2.513274123	-14.05562428	-9.535023871	-14.01242884	-7.10940141	0.0393041	0.1113006	0.0396969	0.1945628	-10.167522
7125000000	0.523598776	-2.460914245	-9.504938763	-7.869625428	-9.542861738	-8.239714809	0.1120743	0.1633193	0.1110999	0.1499783	-8.7251308
7125000000	0.523598776	-2.408554368	-7.72239592	-6.537507689	-7.155873628	-8.672309152	0.1689509	0.221947	0.192492	0.1357591	-7.4524114
7125000000	0.523598776	-2.35619449	-7.67652014	-6.131078989	-6.357677722	-8.576310052	0.170745	0.2437205	0.2308199	0.1387935	-7.0770024
7125000000	0.523598776	-2.303834613	-8.476287039	-6.100078698	-5.549542758	-8.908874964	0.1420271	0.2454664	0.2786415	0.128562	-7.0185843
7125000000	0.523598776	-2.251474735	-7.901697744	-5.899803976	-4.52432075	-9.803726154	0.1621176	0.2570512	0.352832	0.1046231	-6.5924672
7125000000	0.523598776	-2.199114858	-5.456646816	-6.095187557	-4.534844987	-10.74593675	0.2846658	0.2457431	0.351978	0.0842183	-6.168109
7125000000	0.523598776	-2.14675498	-3.354813082	-7.164813975	-5.458330896	-11.38209083	0.4618689	0.1920961	0.2657767	0.072743	-6.0533619
7125000000	0.523598776	-2.094395102	-2.448964384	-9.063663558	-6.224069559	-11.51599582	0.5689886	0.1246005	0.2385575	0.0705343	-6.011319
7125000000	0.523598776	-2.042035225	-2.971864614	-11.58074729	-4.398695259	-10.53880806	0.5044447	0.0964905	0.3631902	0.083322	-5.9114231
7125000000	0.523598776	-1.989675347	-5.135710247	-11.47983549	-2.800224691	-8.747565447	0.3064989	0.071124	0.5247803	0.1334269	-5.8677142
7125000000	0.523598776	-1.93731547	-9.607964124	-8.108232023	-2.23236815	-7.156610574	0.1094469	0.1545884	0.5980854	0.1924593	-5.7898064
7125000000	0.523598776	-1.884955592	-18.19892654	-5.839928971	-6.0537265129	-6.0537265129	0.0151394	0.2606196	0.5878594	0.2841007	-5.7960649
7125000000	0.523598776	-1.832595715	-9.333479509	-4.793721409	-2.626338833	-5.106931635	0.1165875	0.3316102	0.5462181	0.3083567	-4.8713139
7125000000	0.523598776	-1.780235837	-3.415267961	-4.054788941	-2.739984894	-3.926298947	0.4554841	0.3931163	0.5321102	0.049208	-4.7520686
7125000000	0.523598776	-1.72787596	-0.505820971	-3.275900922	-2.585343204	-2.606107805	0.8900572	0.4703378	0.5513986	0.5487686	-2.1102565
7125000000	0.523598776	-1.675516082	0.874562413	-2.90895163	-2.776792983	-1.622493293	1.2230839	0.5116942	0.53362	0.6882571	-1.31259393
7125000000	0.523598776	-1.623156204	1.381759059	-3.334656077	-3.591059051	-1.26273515	1.3745986	0.4640175	0.4374154	0.7476985	-1.2151698
7125000000	0.523598776	-1.570796327	1.358512531	-4.131784797	-1.322771162	-1.37762605	1.3672605	0.3862082	0.358877	0.7374335	-1.4724877
7125000000	0.523598776	-1.518436449	1.064206968	-4.260401757	-3.718743151	-1.157671596	1.2776759	0.3749383	0.4247425	0.7660072	-1.4822755
7125000000	0.523598776	-1.466076572	0.809766244	-3.456382877	-1.771940655	-0.466695805	1.2049711	0.4511923	0.6649759	0.8981118	-0.9430513
7125000000	0.523598776	-1.413716694	0.689524583	-2.520700406	-0.370296505	0.202679938	1.1720671	0.5596673	0.9182699	1.0477749	-0.3411902
7125000000	0.523598776	-1.361356817	0.435434342	-2.281803557	-0.2033224	0.398186241	1.105461	0.591316	0.9542623	1.0960204	-0.2836938
7125000000	0.523598776	-1.308996939	0.363057296	-2.881436594	-0.671905882	0.311558936	1.0871907	0.5150582	0.8566618	1.074375	-0.5388123
7125000000	0.523598776	-1.256637061	1.444468774	-3.727530731	-0.505354164	0.484992901	1.3945911	0.4238839	0.8901528	1.118148	-0.1922697
7125000000	0.523598776	-1.204277184	3.057903608	-4.003543989	0.429996359	1.001485739	2.0220429	0.3977824	1.1040708	1.2593562	0.776633
7125000000	0.523598776	-1.151917306	3.869531531	-3.866294816	0.873730858	1.297530831	2.4375479	0.4105542	1.2228497	1.3481962	1.3187102
7125000000	0.523598776	-1.099557429	3.557677898	-4.630237502	-0.042923058	0.884452553	2.2686515	0.3043311	0.9901653	1.258724	0.8179904
7125000000	0.523598776	-1.047197551	2.815185761	-7.095330224	-1.911740409	-0.242987056	1.9121351	0.1951942	0.6439112	0.9455866	-0.3423085
7125000000	0.523598776	-0.994837674	2.676446948	-9.082175131	-0.927471299	-1.451153051	1.8520158	0.1235329	0.1585049	0.7159533	-0.9554035
7125000000	0.523598776	-0.942477796	2.902869536	-7.306321512	-1.996060941	-1.957921677	1.9511334	0.1859379	0.6315299	0.6371003	-0.6985342
7125000000	0.523598776	-0.89011791									

7125000000	0.523598776	1.518436449	-0.789471088	0.693814883	-0.579643185	1.274275686	0.8337827	1.1732255	0.8750557	1.3409963	0.2356727
7125000000	0.523598776	1.570796327	-0.062355957	0.872056415	-0.600492075	1.468685585	0.9857446	1.2223783	0.8708649	1.4024473	0.4935713
7125000000	0.523598776	1.623156204	0.44621701	0.825313072	-0.752414102	1.758886746	1.1082091	1.2092924	0.8409276	1.4993005	0.6611427
7125000000	0.523598776	1.675516082	-0.028726707	0.102871018	-1.646289765	1.512367887	0.9934073	1.0029681	0.6844962	1.4165659	0.1045234
7125000000	0.523598776	1.76787596	-1.26768262	-1.854056954	-3.229608429	0.600123176	0.7468472	0.6525207	0.4753781	1.1481862	-1.1481359
7125000000	0.523598776	1.780235837	-2.208510147	-4.628604126	-6.442013434	-0.453046272	0.60138	0.3446066	0.3433987	0.900939	-1.6258052
7125000000	0.523598776	1.832595715	-2.14494283	-6.856280049	-4.827776894	-0.893449951	0.6102471	0.2062306	0.3290207	0.8140574	-3.0990039
7125000000	0.523598776	1.884955592	-1.886684295	-7.175141577	-4.643221945	-0.773593559	0.6476369	0.1916399	0.3433032	0.8368366	-2.968341
7125000000	0.523598776	1.93731547	-2.03143966	-7.345965261	-7.577996941	-0.760249657	0.6264062	0.1842483	0.2768218	0.8394117	-3.1720352
7125000000	0.523598776	1.988675347	-2.351566567	-8.131881756	-7.258893663	-1.183771235	0.5818933	0.1537488	0.1879796	0.7614175	-3.7544998
7125000000	0.523598776	2.042035225	-2.798628649	-7.907544391	-8.18219193	-1.876039506	0.5249732	0.1618995	0.151978	0.6492262	-4.294346
7125000000	0.523598776	2.094395102	-3.563794496	-6.516435612	-9.589301197	-2.529569533	0.4401701	0.2230265	0.1099183	0.5585256	-4.7763957
7125000000	0.523598776	2.14675498	-4.097462642	-5.889753825	-12.74416296	-3.061881998	0.3892725	0.2576467	0.0531598	0.4940965	-5.249918
7125000000	0.523598776	2.199114858	-3.629990116	-6.8717874	-14.18313367	-3.510974611	0.4335119	0.2055045	0.0381669	0.4455562	-5.5178101
7125000000	0.523598776	2.251474735	-3.003452133	-9.921023812	-10.93892745	-3.873016534	0.500789	0.1018351	0.0805577	0.4099193	-5.6339964
7125000000	0.523598776	2.303834613	-3.443911786	-13.80469917	-8.837584177	-4.18887308	0.4524898	0.0416419	0.1306898	0.3811467	-5.9946798
7125000000	0.523598776	2.35619449	-4.87225711	-12.29957678	-9.226373934	-4.609886331	0.3256674	0.0588901	0.1194985	0.3459484	-6.7263878
7125000000	0.523598776	2.408554368	-5.1815582	-10.56578161	-12.06331995	-5.505678308	0.3032803	0.0877853	0.0621825	0.28147	-7.3593925
7125000000	0.523598776	2.460914245	-4.597850152	-10.30347811	-14.41460078	-7.531986985	0.3469085	0.0932507	0.0361859	0.176523	-7.8723448
7125000000	0.523598776	2.513274123	-5.199976891	-10.44277024	-18.0348166	-10.87099353	0.3019968	0.0903073	0.0330866	0.0818278	-8.9686496
7125000000	0.523598776	2.565634	-6.150407817	-11.91826751	-15.62587763	-11.10508181	0.2426382	0.0642944	0.0273787	0.0775339	-9.8732594
7125000000	0.523598776	2.617993878	-6.78592253	-13.11764684	-15.76151376	-7.883220039	0.2096079	0.0487793	0.0265368	0.1628088	-9.5104103
7125000000	0.523598776	2.670353756	-8.406250301	-9.990898837	-14.74374216	-6.208301757	0.1443361	0.1002098	0.0335448	0.2394252	-8.8813629
7125000000	0.523598776	2.722713633	-9.876835971	-8.202289213	-14.67222905	-6.614242499	0.1028766	0.1512764	0.0341018	0.2180599	-8.9763957
7125000000	0.523598776	2.772573511	-9.853599763	-9.05824274	-14.52642525	-9.115504142	0.1034285	0.1242155	0.0352676	0.1225885	-10.160357
7125000000	0.523598776	2.827433388	-9.324212079	-12.14555959	-12.83677693	-12.66747059	0.1168366	0.061016	0.0520382	0.0541069	-11.487451
7125000000	0.523598776	2.879793266	-8.702640049	-16.26607796	-12.2025799	-13.23936448	0.1348143	0.0236261	0.0602202	0.0431311	-11.770286
7125000000	0.523598776	2.932153143	-8.034413676	-15.43517941	-12.60417628	-12.78399035	0.1572384	0.0286076	0.0549013	0.0526746	-11.345675
7125000000	0.523598776	2.984513021	-8.344098381	-12.31095084	-14.07850333	-13.73552408	0.1464165	0.0587361	0.0390976	0.0423104	-11.448435
7125000000	0.523598776	3.036872899	-11.57657724	-12.9999569	-15.70107738	-15.50037779	0.0695572	0.0501192	0.0269807	0.0281814	-13.596018
7125000000	0.523598776	3.089232776	-17.48649262	-21.53048363	-14.8424719	-17.65074877	0.0178382	0.0070299	0.0327909	0.0171761	-17.2795477
7125000000	0.523598776	3.141592654	-19.13630023	-19.900782	-14.5041615	-19.67111022	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.575958653	3.151592654	-19.1363	-19.90078146	-14.5041615	-19.67110994	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.575958653	-3.089232776	-21.63619748	-15.07151304	-15.76298889	-18.71487459	0.0068609	0.0311063	0.0265278	0.0134435	-17.103079
7125000000	0.575958653	-3.036872899	-16.23547768	-11.1306816	-18.13977076	-15.16994695	0.0237932	0.0770782	0.015347	0.0304092	-14.358442
7125000000	0.575958653	-2.984513021	-12.50459774	-7.466049581	-16.44949508	-13.40317909	0.0561746	0.1792235	0.0226483	0.0456751	-11.19584
7125000000	0.575958653	-2.932153143	-11.0866188	-7.341600626	-12.05252671	-15.07233875	0.0778643	0.1844363	0.0623372	0.0311004	-10.509329
7125000000	0.575958653	-2.879793266	-11.68957048	-9.294460909	-11.29089793	-16.74049203	0.0677709	0.1176397	0.0742865	0.0211812	-11.5354218
7125000000	0.575958653	-2.827433388	-14.88910983	-8.64861793	-11.54551368	-11.77035175	0.0324406	0.1365017	0.0700565	0.0665219	-11.170192
7125000000	0.575958653	-2.775073511	-12.72414746	-7.715388923	-9.766373361	-9.08941591	0.0534054	0.1692237	0.055276	0.123315	-9.4742591
7125000000	0.575958653	-2.722713633	-8.609674283	-8.269212266	-8.545644981	-8.476458418	0.1377313	0.1489631	0.1397769	0.1420215	-8.4733498
7125000000	0.575958653	-2.670353756	-8.269844743	-9.58078632	-8.732968575	-7.773305404	0.1489414	0.110134	0.1338761	0.1669819	-8.5392358
7125000000	0.575958653	-2.617993878	-10.80123951	-11.14698584	-10.62431542	-6.366501168	0.0831526	0.0767894	0.0866101	0.2308066	-9.2316595
7125000000	0.575958653	-2.565634	-12.41372041	-11.43198084	-14.89930055	-5.465392777	0.0573625	0.0791133	0.0323646	0.2840091	-9.5298474
7125000000	0.575958653	-2.513274123	-11.87132619	-10.3955202	-17.75060177	-5.603660917	0.0649931	0.0912952	0.021132	0.2751908	-9.463348
7125000000	0.575958653	-2.460914245	-11.35714779	-8.508046489	-11.07314292	-6.681473024	0.0731619	0.1049283	0.0781061	0.2147102	-8.9707122
7125000000	0.575958653	-2.408554368	-10.44827503	-6.646907916	-7.835821431	-8.285048454	0.0901929	0.2164259	0.1645955	0.1484209	-8.0992339
7125000000	0.575958653	-2.35619449	-9.669336993	-5.794891734	-6.828720662	-9.98398117	0.1079062	0.2633364	0.2075534	0.1003695	-7.7008442
7125000000	0.575958653	-2.303834613	-8.960549993	-5.655576684	-5.999926012	-11.68328569	0.1270413	0.2719207	0.2511929	0.067869	-7.4592106
7125000000	0.575958653	-2.251474735	-7.672804428	-5.697037833	-4.691180844	-12.8098151	0.1708911	0.2693371	0.3395329	0.0523626	-6.8187221
7125000000	0.575958653	-2.199114858	-6.18126517	-6.117066591	-4.357768838	-12.50603112	0.2409003	0.2445082	0.3666261	0.0515651	-6.4388298
7125000000	0.575958653	-2.14675498	-4.880256678	-7.097149522	-6.434880294	-11.67760462	0.3250681	0.1951125	0.2860691	0.0679578	-6.6043204
7125000000	0.575958653	-2.094395102	-3.949159522	-8.390222609	-5.632022609	-10.748165379	0.402795	0.1448698	0.2316282	0.0841751	-6.5816359
7125000000	0.575958653	-2.042035225	-4.08397525	-9.922491269	-4.894970318	-9.170514789	0.3904833	0.1018007	0.3239686	0.1210455	-6.3018224
7125000000	0.575958653	-1.989675347	-5.908155256	-10.23844264	-3.216141073	-7.420106173	0.2565574	0.0946577	0.4768575	0.1811296	-5.9808186
7125000000	0.575958653	-1.93731547	-10.18128975	-8.00189177	-2.492072722	-6.267714596	0.0959116	0.1584203	0.5633746	0.2361721	-5.7926942
7125000000	0.575958653	-1.884955592	-20.3413132	-6.014303371	-2.415720862	-5.761703858	0.0092442	0.2503627	0.5733607	0.2653564	-5.6132951
7125000000	0.575958653	-1.832595715	-10.50477959	-5.104743716	-2.500543512	-5.353153568	0.0890271	0.3086922	0.562271	0.2915309	-5.0462181
7125000000	0.575958653	-1.780235837	-4.030798422	-4.651601096	-2.227661921	-4.508630266	0.3952939	0.3426414	0.5987338	0.354109	-3.7973334
7125000000	0.575958653	-1.72787596	-0.90309776	-4.257445132	-1.712426551	-3.450532889	0.8122509	0.3751937	0.6741513	0.4518005	-2.3780994
7125000000	0.575958653	-1.675516082	0.468820741	-4.281191479	-1.691608921	-2.74746848	1.113992	0.3731478	0.6773905	0.531194	-1.7138452
7125000000	0.575958653	-1.623156204	0.794723812	-5.166882164	-2.57840789	-2.639396887	1.2008047	0.3043069	0.5522799	0.545783	-1.8675775
7125000000	0.575958653	-1.570796327	0.585720403	-6.483466318	-3.77026468	-2.793772234	1.1443847	0.224726	0.4258311	0.5255606	-2.3647798
7125000000	0.575958653	-1.518436449	0.206759968	-6.777179949	-3.518824184	-2.422592593	1.0487597	0.2100303	0.4447517	0.5274542	-2.4488852
7125000000	0.575958653	-1.466076572	-0.127525876	-5.681589856	-1.999520401	-1.398452559	0.971063	0.2702969	0.631027	0.7246941	-1.8757449
7125000000	0.575958653	-1.413716694	-0.350621456	-4.400604579	-0.807516766	-0.478291839	0.9224394	0.3630275	0.8303254	0.895717	-1.2325758
7125000000	0.575958653	-1.361356817	-0.511819214	-3.930341541	-0.756635076	-0.086120854	0.8888287	0.4045441	0.8401107	0.9803651	-1.0876248
7125000000	0.575958653	-1.308969339									

7125000000	0.575958653	1.099557429	1.01906349	1.961351709	1.581225353	2.394610012	1.2644636	1.5708516	1.4392046	1.7356454	1.7682642
7125000000	0.575958653	1.151917306	0.795534143	2.653704902	1.042285147	1.805142092	1.2010288	1.842343	1.2712428	1.5153544	1.6360625
7125000000	0.575958653	1.204277184	0.459724905	2.396730564	1.425710584	1.245710584	1.1116613	1.7364931	0.9885851	1.3885805	1.1605259
7125000000	0.575958653	1.256637061	0.751558719	2.257574254	0.089442402	1.673646872	1.1889289	1.8817345	1.0208084	1.4701603	1.2327301
7125000000	0.575958653	1.30896939	1.228785163	2.622153677	1.232678003	2.203154178	1.3270232	1.6290077	1.3282132	1.6607927	1.8664445
7125000000	0.575958653	1.361356817	1.011332286	2.729571359	1.713695665	2.391273111	1.2622147	1.8748095	1.4837802	1.7343123	2.0106354
7125000000	0.575958653	1.413716694	-0.118523568	2.047253683	0.942114699	2.018729848	0.9730078	1.6022319	1.242257	1.5917431	1.3101884
7125000000	0.575958653	1.466076572	-1.39016951	0.84439331	-0.351312119	1.431900369	0.7260776	1.2146169	0.9222927	1.390561	0.2669137
7125000000	0.575958653	1.518436449	-1.648619605	0.002523905	-0.991875062	1.235523714	0.6841291	1.0005813	0.7958157	1.3290838	-0.2117949
7125000000	0.575958653	1.570796327	-0.841669614	-0.007751602	-0.894887343	1.558414581	0.8238213	0.9982167	0.813788	1.4316652	0.0726663
7125000000	0.575958653	1.623156204	-0.166299233	0.12560289	-0.925389315	1.850115494	0.962432	1.0293434	0.8080925	1.5311282	0.345278
7125000000	0.575958653	1.675516082	-0.417958513	-0.412612484	-1.659251689	1.542963358	0.9082474	0.9093661	0.6824563	1.4265807	-0.0803757
7125000000	0.575958653	1.72787596	-1.345798077	-1.918713512	-3.148667615	0.558807819	0.7353339	0.6428781	0.4843209	1.137315	-1.2522141
7125000000	0.575958653	1.782035837	-1.982901851	-3.979242699	-4.61890982	-0.541858666	0.6334463	0.4000145	0.3452304	0.882702	-2.476839
7125000000	0.575958653	1.832595715	-1.829104698	-5.365431354	-4.778168757	-0.964850579	0.6562805	0.2907079	0.3327999	0.8007832	-2.838775
7125000000	0.575958653	1.884955592	-1.591136223	-5.832787504	-4.400779472	-0.766530118	0.6932444	0.2610485	0.3630129	0.8381987	-2.6851105
7125000000	0.575958653	1.93731547	-1.793429986	-6.694912153	-5.204496501	-0.635126403	0.6616937	0.2140648	0.3016827	0.8639475	-2.9213811
7125000000	0.575958653	1.989675347	-2.32804643	-8.227921836	-7.04875416	-0.90358013	0.5850532	0.1503861	0.1972989	0.8121607	-3.6028971
7125000000	0.575958653	2.042035225	-3.021266763	-8.121705659	-8.158179842	-1.415635585	0.498739	0.1541095	0.1528206	0.7218325	-4.180783
7125000000	0.575958653	2.094395102	-3.679450021	-6.149075495	-9.28836772	-1.88836727	0.4286028	0.2472127	0.1177779	0.647386	-4.447606
7125000000	0.575958653	2.14675498	-3.970267519	-5.07978822	-11.84602014	-2.299981386	0.400842	0.3104711	0.0653729	0.5888462	-4.6675803
7125000000	0.575958653	2.199114858	-3.766469726	-6.014420737	-13.18690929	-2.840876795	0.4201003	0.250356	0.0480075	0.519891	-5.0921489
7125000000	0.575958653	2.251474735	-3.297090934	-9.891861186	-10.14667999	-3.669823646	0.4680486	0.1025212	0.096679	0.4295539	-5.6193151
7125000000	0.575958653	2.303834613	-3.316954292	-16.00964707	-7.859815094	-4.726895952	0.4659127	0.0250631	0.1636886	0.3367522	-6.0580379
7125000000	0.575958653	2.35619449	-4.328312413	-11.49976862	-8.258236047	-5.609342014	0.369121	0.0707984	0.1493401	0.2748311	-6.6550077
7125000000	0.575958653	2.408554368	-5.051242034	-8.787315681	-11.16778688	-6.214607972	0.3125185	0.1322113	0.0764225	0.2390778	-7.2114494
7125000000	0.575958653	2.460914245	-4.664456985	-8.536563822	-12.81343862	-7.279374835	0.3416287	0.1400695	0.0523186	0.1870951	-7.4405731
7125000000	0.575958653	2.513274123	-5.140064145	-9.675573902	-12.89162608	-8.87315973	0.3061918	0.1077563	0.0513851	0.1296236	-8.275455
7125000000	0.575958653	2.565634	-6.426960668	-12.89427164	-13.80077236	-8.82009058	0.227669	0.0513538	0.0416795	0.1312173	-9.4699879
7125000000	0.575958653	2.617993878	-7.281780298	-14.3932092	-14.43366674	-7.155362577	0.1869915	0.0363646	0.0360274	0.1925146	-9.4701935
7125000000	0.575958653	2.670353756	-8.596909663	-9.866063812	-15.30823297	-6.385845935	0.1381367	0.103132	0.0294562	0.2928346	-9.0264072
7125000000	0.575958653	2.722713633	-10.19781846	-7.920639841	-15.37147071	-7.381369588	0.0955472	0.1614121	0.0290286	0.1827524	-9.3112771
7125000000	0.575958653	2.775073511	-10.47876346	-8.570708722	-14.00985186	-10.24462494	0.089562	0.1387926	0.0397205	0.094523	-10.42419
7125000000	0.575958653	2.827433388	-9.654166285	-11.27439956	-13.09948672	-12.88723634	0.1082888	0.0745693	0.0489837	0.0514371	-11.498459
7125000000	0.575958653	2.879793266	-8.821502326	-15.28777483	-12.98032705	-12.2856187	0.1311746	0.0295953	0.0503463	0.0509797	-11.703813
7125000000	0.575958653	2.932515343	-8.035708362	-15.07496661	-12.96280994	-12.01009347	0.1571915	0.0310816	0.0505497	0.0629493	-11.223808
7125000000	0.575958653	2.984513021	-8.206706858	-12.03055104	-14.15027807	-13.15890909	0.1511226	0.026534	0.0384567	0.048318	-11.241422
7125000000	0.575958653	3.036872899	-11.31726563	-12.65947159	-15.84514075	-15.09852905	0.0738369	0.0542067	0.0260307	0.0309134	-13.49171
7125000000	0.575958653	3.089232776	-17.28321374	-21.05203521	-14.92112386	-17.56440282	0.018693	0.0078487	0.0322024	0.017521	-17.197344
7125000000	0.575958653	3.141592653	-19.1363	-19.90078146	-14.50141165	-19.67110994	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.628318531	-3.141592653	-19.13629992	-19.90078141	-14.50141608	-19.67111024	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.628318531	-3.089232776	-21.39857166	-15.10794472	-15.56572467	-18.2821629	0.0072467	0.0308465	0.0277605	0.014852	-16.951528
7125000000	0.628318531	-3.036872899	-15.95682902	-11.09242663	-16.5884205	-14.54847724	0.0253698	0.0777602	0.0170379	0.0305875	-14.110133
7125000000	0.628318531	-2.984513021	-12.29896844	-7.372298492	-17.6086061	-12.8473491	0.0588984	0.1831345	0.0223457	0.0519117	-11.01972
7125000000	0.628318531	-2.932153143	-10.78538329	-7.369828774	-12.30264007	-14.7052856	0.0834568	0.1832387	0.0588486	0.0383432	-10.464973
7125000000	0.628318531	-2.879793266	-10.87816263	-9.582797071	-11.41622558	-17.24735331	0.0816928	0.110083	0.0271734	0.018848	-11.505849
7125000000	0.628318531	-2.827433388	-12.23196459	-8.721471449	-11.74890393	-12.13787299	0.0598141	0.134231	0.0668513	0.0611241	-10.941765
7125000000	0.628318531	-2.775073511	-10.72566603	-7.370360299	-10.3079914	-9.277018858	0.0846123	0.1832162	0.0931539	0.1181131	-9.216379
7125000000	0.628318531	-2.722713633	-8.579726441	-7.427980197	-8.870166996	-8.36198042	0.1386843	0.1808015	0.1297129	0.1368927	-8.3409482
7125000000	0.628318531	-2.670353756	-9.67029335	-8.586336814	-8.712542707	-8.150241385	0.1078874	0.1384734	0.1345073	0.1531002	-8.7454454
7125000000	0.628318531	-2.617993878	-11.9121408	-10.75180517	-10.32192165	-6.796385345	0.0643852	0.0841045	0.0920042	0.2091036	-9.4273606
7125000000	0.628318531	-2.565634	-9.522676544	-11.62662884	-14.40940433	-5.53954592	0.1116175	0.0687602	0.0362323	0.2792836	-9.0667152
7125000000	0.628318531	-2.513274123	-8.998929399	-10.72487187	-18.71671678	-5.197638733	0.1259236	0.0846278	0.0134378	0.3021594	-8.8095162
7125000000	0.628318531	-2.460914245	-10.99913562	-8.907371908	-12.41090024	-6.13542941	0.0794486	0.1286065	0.0573997	0.2504066	-8.8925695
7125000000	0.628318531	-2.408554368	-10.9780713	-6.86137147	-8.32584463	-7.883113606	0.0798349	0.2059979	0.1470332	0.1628128	-8.2704776
7125000000	0.628318531	-2.35619449	-8.893155973	-5.86394989	-7.109910671	-10.29521703	0.1290281	0.2591821	0.19454	0.0934283	-7.7199863
7125000000	0.628318531	-2.303834613	-7.334276582	-5.725852486	-6.00520309	-12.15625368	0.1847449	0.267556	0.2285325	0.060866	-7.3183208
7125000000	0.628318531	-2.251474735	-6.530163231	-5.807523056	-5.009546647	-12.1361479	0.2223232	0.2625716	0.3155334	0.0611484	-6.6676639
7125000000	0.628318531	-2.199114858	-6.748351467	-6.100281746	-4.00475274	-10.89749692	0.2114291	0.245455	0.3626799	0.0813299	-6.4738634
7125000000	0.628318531	-2.14675498	-7.036062542	-6.530052533	-5.245884901	-10.06185106	0.1978763	0.2223283	0.2988213	0.0985859	-6.8951285
7125000000	0.628318531	-2.094395102	-5.855607162	-6.777098152	-6.455447127	-9.635592435	0.2598085	0.2100343	0.2261806	0.1087529	-6.9645395
7125000000	0.628318531	-2.042035225	-5.203575329	-7.30541089	-5.65011257	-8.673012885	0.3017467	0.1859769	0.2722629	0.1357371	-6.4988599
7125000000	0.628318531	-1.989675347	-6.44609772	-8.209765324	-4.081529506	-7.328947385	0.226668	0.1510162	0.3907033	0.1849717	-6.2280345
7125000000	0.628318531	-1.93731547	-9.019606902	-8.035396947	-3.26583479	-6.403958107	0.1253255	0.1572028	0.4714292	0.2288781	-6.0957912
7125000000	0.628318531	-1.884955592	-10.26460916	-6.838641104	-3.070179914	-5.96096353	0.0940891	0.2070789	0.4931534	0.25346	-5.7178935
7125000000	0.628318531	-1.832595715	-7.277489922	-5.950933458	-3.909398741	-5.341403827	0.1871764	0.2504027	0.5092138	0.2863252	-5.0977526
7125000000	0.628318531	-1.780235837	-3.31909863	-5.422104028	-2.253476589	-4.473723894	0.4656827	0.286939	0.5950622	0.3569666	-3.7042463
7125000000	0.628318531	-1.72787596	-6.629583003	-5.0							

7125000000	0.628318531	0.680678408	-8.105315275	-0.471971383	-2.221681247	-1.285225319	0.1546922	0.8970215	0.5995589	0.7438365	-2.2273468
7125000000	0.628318531	0.733038286	-4.733573775	-0.883498318	-1.571641065	-0.782080164	0.3362348	0.8159249	0.6963633	0.8352029	-1.7332184
7125000000	0.628318531	0.785398163	-3.085184864	-1.900590289	-0.244730722	-0.244730722	0.4914525	0.6455785	0.9660889	0.945207	-1.1799846
7125000000	0.628318531	0.837758041	-2.578960822	-2.519454106	0.764409629	0.301360039	0.5522096	0.559828	1.1924522	1.0718549	-0.7361323
7125000000	0.628318531	0.890117919	-2.284248267	-2.464367136	0.869538679	0.869538679	0.5909833	0.5669742	1.0753775	1.2216699	-0.6361131
7125000000	0.628318531	0.942477796	-1.831213205	-3.110305435	-0.906628871	1.536193772	0.655962	0.488618	0.8115908	1.4243587	-0.7307526
7125000000	0.628318531	0.994837674	-0.984660834	-3.33125174	-0.982978189	2.197529715	0.7971387	0.4643814	0.7974476	1.6586432	-0.3179605
7125000000	0.628318531	1.047197551	0.235264122	-0.797099056	0.44229626	2.545315309	1.0556657	0.8323195	1.107209	1.7969315	0.7846822
7125000000	0.628318531	1.099557429	0.998814185	1.563519517	1.373653077	2.381072689	1.2585817	1.433349	1.3720354	1.7302437	1.6093422
7125000000	0.628318531	1.151917306	0.922131192	2.471590397	0.796345047	1.864177972	1.2365541	1.7666847	1.2012531	1.536094	1.5689622
7125000000	0.628318531	1.204277184	0.648719099	2.45160913	-0.41949218	1.491563332	1.1611061	1.7585751	0.9079267	1.4097962	1.1705609
7125000000	0.628318531	1.256637061	0.929898992	2.485235704	-0.386556419	1.646219233	1.2387678	1.7722442	0.9148383	1.4609048	1.2926725
7125000000	0.628318531	1.308996939	1.380156046	2.93368121	0.722937992	2.081771374	1.3740913	1.9650252	1.1811194	1.6150171	1.8577249
7125000000	0.628318531	1.361356817	1.139333198	3.101330002	1.162257757	2.244585544	1.29997	2.0423633	1.3068501	1.6767123	1.9906204
7125000000	0.628318531	1.413716694	-0.011551256	2.419564174	0.323323773	1.918829009	0.9973438	1.745647	1.0772894	1.5555462	1.2838523
7125000000	0.628318531	1.466076572	-1.303294613	0.986130213	-1.004143146	1.407881021	0.7407481	1.2549113	0.7935708	1.3828915	0.1829697
7125000000	0.628318531	1.518436449	-1.615456099	-0.412024252	-1.571094214	1.214162271	0.6893732	0.9094893	0.696451	1.3225626	-0.4306631
7125000000	0.628318531	1.570796327	-0.89588742	-0.859739972	-1.296316799	1.397181306	0.8136006	0.8204007	0.7419392	1.3794886	-0.2740042
7125000000	0.628318531	1.623156204	-0.260558819	-0.733122029	-1.096841602	1.460448163	0.9417684	0.8467414	0.7768118	1.3997318	-0.0403774
7125000000	0.628318531	1.675516082	-0.47382335	-1.053795686	-1.623747688	0.919969877	0.8966391	0.7845496	0.6880583	1.2359389	-0.4513233
7125000000	0.628318531	1.72787596	-1.262638213	-2.149300619	-3.031962579	-0.227205047	0.7477151	0.6096351	0.4975122	0.949029	-1.542988
7125000000	0.628318531	1.780235837	-1.722094594	-3.451902093	-4.560995312	-1.303315125	0.6726522	0.4516581	0.349865	0.7407446	-2.5670194
7125000000	0.628318531	1.832595715	-1.506938683	-4.178197265	-4.665529089	-1.484689509	0.7068156	0.3821028	0.3415443	0.710446	-2.7146183
7125000000	0.628318531	1.884955592	-1.245278137	-4.725720612	-4.00027817	-0.995169977	0.75071	0.3368433	0.3980817	0.7952121	-2.4396382
7125000000	0.628318531	1.93731547	-1.390947319	-6.034814528	-4.401663968	-0.602935092	0.7259476	0.2491831	0.362939	0.7037252	-2.5797344
7125000000	0.628318531	1.989675347	-2.032112324	-7.86496164	-5.947486435	-0.678128774	0.6263092	0.1634948	0.2542444	0.8554352	-3.2342446
7125000000	0.628318531	2.042053225	-3.065281413	-7.115639941	-7.1903004	-1.157197312	0.4937099	0.1942835	0.190984	0.7660908	-3.8587606
7125000000	0.628318531	2.094395102	-3.786078167	-4.454371012	-8.13480068	-1.774049803	0.4182079	0.3585609	0.1536455	0.6646531	-3.9928097
7125000000	0.628318531	2.14675498	-3.744505489	-3.075175266	-9.825580531	-2.389229542	0.4222304	0.4925865	0.1040979	0.5768688	-3.9908627
7125000000	0.628318531	2.199114858	-3.664457028	-3.851027057	-11.34071556	-3.150999906	0.430085	0.4120001	0.0734393	0.4840609	-4.5606603
7125000000	0.628318531	2.251474735	-3.568468503	-7.501189439	-9.553743303	-4.246293006	0.4396966	0.1777792	0.1108219	0.3761583	-5.5891151
7125000000	0.628318531	2.303834613	-3.372650312	-13.5419518	-7.163833961	-5.355915361	0.4599758	0.004239	0.1921395	0.2913456	-6.0743502
7125000000	0.628318531	2.35619449	-4.004782331	-10.42563789	-7.335088145	-5.330888145	0.397669	0.0906643	0.184701	0.2798409	-6.2302395
7125000000	0.628318531	2.408554368	-5.122527555	-7.667319138	-10.18078146	-5.100396901	0.3074307	0.1711071	0.0959228	0.3090013	-6.5587215
7125000000	0.628318531	2.460914245	-5.121830137	-7.132828993	-11.87571285	-5.459125338	0.3074801	0.1935161	0.0649275	0.2845034	-6.7422291
7125000000	0.628318531	2.513274123	-5.337598922	-8.218897871	-12.012539089	-6.873879718	0.2925769	0.1506989	0.0629138	0.2054055	-7.4982697
7125000000	0.628318531	2.565634	-6.622918336	-11.81332139	-12.97718275	-7.856596247	0.2176247	0.065867	0.0503827	0.16381	-9.0510257
7125000000	0.628318531	2.617939878	-7.788036281	-12.81255676	-13.62945602	-7.393557586	0.1664165	0.0523292	0.0433564	0.1822402	-9.5434692
7125000000	0.628318531	2.670335756	-8.907427694	-8.642242908	-16.05469854	-7.218535702	0.1286048	0.1367023	0.0248045	0.1897346	-9.2095801
7125000000	0.628318531	2.722713633	-10.40330957	-7.249003293	-17.02955343	-8.518805079	0.0911316	0.1884081	0.0198173	0.140642	-9.5960827
7125000000	0.628318531	2.775073511	-10.98928379	-8.139605759	-13.92775567	-11.11621629	0.0796291	0.1534756	0.0404785	0.0773354	-10.568536
7125000000	0.628318531	2.827433388	-10.00675678	-10.7550495	-13.04004468	-12.2041462	0.0998445	0.0804417	0.049649	0.0601985	-11.341062
7125000000	0.628318531	2.879793266	-9.010337469	-14.58585877	-13.24315934	-11.26249311	0.1255932	0.0347868	0.0473897	0.0747774	-11.509743
7125000000	0.628318531	2.932153143	-8.098107719	-14.65210966	-13.05730977	-11.3019204	0.1549492	0.0342601	0.0494617	0.0704983	-11.06836
7125000000	0.628318531	2.984513021	-8.114759537	-11.78491286	-14.19544782	-12.5923104	0.1543562	0.0662993	0.0380588	0.050515	-11.054545
7125000000	0.628318531	3.036872899	-11.09850931	-12.39204842	-16.03331407	-14.70977243	0.0776514	0.0576494	0.0249269	0.0338083	-13.141777
7125000000	0.628318531	3.089232776	-17.09511077	-20.66925492	-15.00847975	-17.49413954	0.0195204	0.0085718	0.0315611	0.0178068	-17.129816
7125000000	0.628318531	3.141592654	-19.13629992	-19.90078141	-14.50141608	-19.67111024	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.680678408	3.141592654	-19.13630013	-19.90078194	-14.50141613	-19.67111024	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518014
7125000000	0.680678408	3.089232776	-21.18369576	-15.14353261	-15.37811257	-17.89305196	0.0076143	0.0305947	0.028986	0.0162441	-16.809991
7125000000	0.680678408	3.036872899	-15.76614608	-11.08644412	-17.27415296	-13.99600114	0.0265085	0.0778674	0.018732	0.0398474	-16.806915
7125000000	0.680678408	2.984513021	-12.23636326	-7.319798684	-16.65727827	-12.27468574	0.0597535	0.1853618	0.021591	0.0592043	-10.889616
7125000000	0.680678408	2.932153143	-10.70396594	-7.416284841	-13.97033843	-13.97033843	0.0580361	0.181289	0.0538419	0.0400831	-10.454558
7125000000	0.680678408	2.879793266	-10.3966126	-9.88939351	-11.68023541	-16.78298569	0.0912722	0.1025795	0.0679166	0.020975	-11.506676
7125000000	0.680678408	2.827433388	-10.61389365	-8.833648441	-12.21939806	-12.53139806	0.0868182	0.1308083	0.0599825	0.055829	-10.79045
7125000000	0.680678408	2.775073511	-9.257019709	-7.064423671	-11.27061769	-9.80312211	0.1186583	0.1965838	0.0746343	0.0463676	-9.087752
7125000000	0.680678408	2.722713633	-8.52036156	-6.703223524	-9.542049459	-9.44883253	0.140593	0.2136376	0.111207	0.1135316	-8.3946924
7125000000	0.680678408	2.670335756	-11.76640336	-7.734914326	-9.880104162	-9.629327844	0.0665824	0.1684646	0.1264706	0.1089099	-9.2956732
7125000000	0.680678408	2.617939878	-13.56427885	-10.20176054	-8.130100188	-8.429283216	0.0440121	0.0954606	0.0933039	0.1435276	-10.26469
7125000000	0.680678408	2.565634	-7.739556609	-11.32919939	-13.63660301	-6.533566716	0.1682846	0.0736343	0.0432852	0.2221485	-8.9675013
7125000000	0.680678408	2.513274123	-6.781239237	-10.57450164	-18.01815563	-5.434022581	0.2098341	0.0876092	0.0157828	0.2861526	-8.2435863
7125000000	0.680678408	2.460914245	-8.660224373	-9.171442542	-13.34071875	-5.566825311	0.1361374	0.1210196	0.0464079	0.2775348	-8.3780928
7125000000	0.680678408	2.408554368	-8.563448189	-7.289479118	-8.832837889	-6.686466184	0.1392051	0.1866004	0.1308327	0.2144635	-7.7520807
7125000000	0.680678408	2.35619449	-6.620094193	-6.373792009	-7.476090042	-8.059188955	0.2177663	0.2304734	0.1788097	0.156344	-7.0803215
7125000000	0.680678408	2.303834613	-5.435720125	-6.274683626	-9.900776791	-8.935874568	0.2860408	0.2357934	0.2041373	0.1277652	-6.7073606
7125000000	0.680678408	2.251474735	-5.294352405	-6.16404093	-5.443332136	-9.174818974	0.2955049	0.2418777	0.2855399	0.1209256	-6.7118924
7125000000	0.680678408	2.199114858	-6.878986384	-6.05048947	-4.577965289	-9.103362747	0.2051641	0.2482853	0.3485006	0.1229317	-6.3597384
7125000000	0.680678408	2.146									

7125000000	0.680678408	0.261799388	-8.374940597	-4.696414543	-7.251495992	-4.746129321	0.1453804	0.339124	0.1883	0.3352641	-5.9856991
7125000000	0.680678408	0.314159265	-8.585394812	-2.8181085	-7.397623644	-3.886005049	0.1385034	0.5226238	0.1820697	0.4086952	-5.0449312
7125000000	0.680678408	0.366519143	-9.894035065	-1.264818346	-6.697975619	-3.134820536	0.1024699	0.7473399	0.2138959	0.4858676	-4.1184786
7125000000	0.680678408	0.41887902	-11.07026146	-1.211254601	-5.78278375	-2.845948886	0.0781581	0.7566143	0.2640712	0.5192842	-3.9340708
7125000000	0.680678408	0.471238898	-13.13322936	-1.834505297	-4.818833076	-2.943236647	0.0486046	0.6554649	0.3296983	0.5077809	-4.1410275
7125000000	0.680678408	0.523598776	-15.50045001	-1.408523301	-3.650030825	-3.051915264	0.0281809	0.7203156	0.431516	0.4952317	-3.7728246
7125000000	0.680678408	0.575958653	-13.3961632	-0.429972749	-2.609737914	-2.848085761	0.0457492	0.9507383	0.5483101	0.5190288	-2.9669163
7125000000	0.680678408	0.628318531	-10.92665637	-0.02433065	-2.273639792	-2.287790905	0.0807857	0.9944133	0.5924286	0.5905014	-2.4831125
7125000000	0.680678408	0.680678408	-7.793304623	-0.15815217	-2.346981923	-1.551239183	0.1662147	0.9642392	0.5821459	0.6996423	-2.1963909
7125000000	0.680678408	0.680678408	-4.685966074	-0.842536784	-1.693731033	-0.831834428	0.3399409	0.8236569	0.6770596	0.8256891	-1.7614341
7125000000	0.680678408	0.785398163	-3.211627881	-2.044880932	-0.217159845	-0.236478754	0.4773503	0.6244705	0.9512267	0.9470004	-1.2493119
7125000000	0.680678408	0.837758041	-3.048091643	-2.419473005	0.728004152	0.23078498	0.4956679	0.5728655	1.182498	1.0545777	-0.8280851
7125000000	0.680678408	0.890117919	-3.069167529	-1.686423617	0.243865648	0.698319025	0.4932683	0.6781998	1.0577586	1.1744429	-0.701126
7125000000	0.680678408	0.942477796	-2.523248818	-1.766805562	-1.075262364	1.32014714	0.559339	0.6657627	0.7806813	1.3552353	-0.7558911
7125000000	0.680678408	0.994837674	-1.345022133	-2.755481017	-1.185965905	0.2026714328	0.733665	0.5302149	0.7610329	1.5946722	-0.4340122
7125000000	0.680678408	1.047197551	0.123237736	-2.088143222	0.310308558	2.522249359	1.028783	0.6182807	1.0740657	1.7874131	0.5197618
7125000000	0.680678408	1.099557429	1.048865245	-0.085927927	1.298561149	2.59058188	1.2731704	0.9804088	1.348516	1.8157589	1.3167732
7125000000	0.680678408	1.151917306	1.113350967	1.060204477	0.71742783	3.235782091	1.2922159	1.2764989	1.1796218	1.7083553	1.3486945
7125000000	0.680678408	1.204277184	0.947106645	1.415319046	-0.575170346	2.101596058	1.2436858	1.3852619	0.8759574	1.6224062	1.078297
7125000000	0.680678408	1.256637061	1.291880795	1.908095342	-0.626373238	2.213012224	1.3464433	1.5517063	0.8656905	1.6645668	1.3261241
7125000000	0.680678408	1.308996939	1.795174857	2.769688698	0.474389036	2.483042117	1.5118806	1.892208	1.1154212	1.7713493	1.9664997
7125000000	0.680678408	1.361356817	1.613863275	3.242597067	0.897090791	2.465758673	1.4500612	2.1098895	1.2294449	1.7643139	2.144272
7125000000	0.680678408	1.413716694	0.544121178	2.78653921	-0.043627389	1.960390186	1.1334754	1.899564	0.9900047	1.5705039	1.4562738
7125000000	0.680678408	1.466076572	-0.640805196	1.44865142	-1.538228021	1.218395076	0.8628186	1.3959348	0.7017416	1.3238522	0.2982466
7125000000	0.680678408	1.518436449	-0.896733852	-0.144170901	-2.145195194	0.715913426	0.813442	0.9673484	0.6102115	1.1792105	-0.4936593
7125000000	0.680678408	1.570796327	-0.268835617	-1.000654815	-1.66894704	0.58336311	0.9399753	0.7942085	0.6809344	1.1438356	-0.5073764
7125000000	0.680678408	1.623156204	0.195700348	-1.067465174	-1.182843423	0.420621495	1.0460924	0.7820841	0.7615802	1.1016947	-0.3486283
7125000000	0.680678408	1.675516082	-0.176215402	-1.28960737	-1.504779468	-0.190941178	0.9602371	0.7430863	0.7071671	0.9569867	-0.7475534
7125000000	0.680678408	1.72787596	-1.058373379	-2.009671005	-2.820139332	-1.153678436	0.7837231	0.6295539	0.5223794	0.7667118	-1.7031546
7125000000	0.680678408	1.780235837	-1.547708913	-2.671622151	-4.1637451	-1.745993905	0.7002113	0.5405524	0.3701371	0.6689607	-2.4415154
7125000000	0.680678408	1.832595175	-1.370148287	-2.939106325	-4.370873779	-1.463667466	0.7294326	0.508264	0.3655212	0.7138932	-2.3711314
7125000000	0.680678408	1.884955592	-1.083792569	-3.468726135	-3.521295044	-0.76743283	0.7791494	0.4499118	0.4444987	0.8380245	-0.2021122
7125000000	0.680678408	1.93731547	-1.077892359	-4.931128382	-3.544433199	-0.317336301	0.7802087	0.3212826	0.4421368	0.9259363	-2.0880701
7125000000	0.680678408	1.989675347	-1.628734046	-6.67812577	-4.722866765	-0.458315804	0.6872687	0.2148758	0.3370647	0.8998465	-2.7183789
7125000000	0.680678408	2.042035225	-2.854257675	-5.444831224	-6.105042317	-1.194057872	0.5182917	0.2854413	0.2451861	0.7596162	-4.7473301
7125000000	0.680678408	2.094395102	-3.766451068	-2.127197991	-7.073741156	-2.183835402	0.4201021	0.5467666	0.196167	0.6048065	-3.5461648
7125000000	0.680678408	2.146754958	-3.505863952	-1.212265608	-8.143494959	-3.017076702	0.4460809	0.7564382	0.1533383	0.4992204	-3.3369788
7125000000	0.680678408	2.199114858	-3.389513749	-1.938319499	-9.7328369771	-3.728369771	0.4581932	0.6399824	0.1063354	0.4232802	-3.9032878
7125000000	0.680678408	2.251474735	-3.623744877	-5.370013163	-9.373461388	-4.517633302	0.4341357	0.2904014	0.1155191	0.3533757	-5.2526235
7125000000	0.680678408	2.303874313	-3.49021867	-11.09576511	-6.869298999	-4.907695164	0.4476908	0.0777004	0.2056222	0.3230654	-5.1971868
7125000000	0.680678408	2.35619449	-3.98375829	-9.500610097	-6.606108743	-4.308304827	0.3995988	0.1121861	0.2184687	0.3708254	-5.6024152
7125000000	0.680678408	2.408554368	-5.476611023	-7.009427716	-6.396618088	-3.702477259	0.2833602	0.1990936	0.1165033	0.4236363	-5.9121285
7125000000	0.680678408	2.460914245	-5.968762282	-6.414990135	-11.66409925	-4.282984527	0.2530019	0.2282974	0.0681695	0.3729937	-6.3711123
7125000000	0.680678408	2.513274123	-5.914486703	-7.347065084	-11.871976829	-6.231246537	0.2561836	0.1842016	0.0657964	0.2381366	-7.208557
7125000000	0.680678408	2.565634	-6.944735307	-10.36941224	-12.3954991	-8.176675735	0.2020815	0.0918457	0.0576037	0.1521712	-8.9988632
7125000000	0.680678408	2.617993878	-8.283967553	-10.00043013	-12.8084166	-8.364493486	0.1484579	0.0999901	0.0523791	0.1457306	-9.5218243
7125000000	0.680678408	2.670353756	-9.308419141	-6.842838647	-16.31075448	-8.334893671	0.1172622	0.2068789	0.0233843	0.1467272	-9.0811103
7125000000	0.680678408	2.722713633	-10.5486845	-6.254939198	-19.79182132	-9.43962964	0.0881316	0.2368678	0.010491	0.1137724	-9.4955947
7125000000	0.680678408	2.775073511	-11.29032964	-7.667248749	-14.12398561	-11.00641914	0.0742963	0.1711099	0.0386902	0.0733155	-10.416608
7125000000	0.680678408	2.827433388	-10.32973225	-10.46861048	-12.68303426	-11.02075729	0.0926887	0.0897716	0.0539134	0.0790541	-11.031601
7125000000	0.680678408	2.869793266	-9.269027922	-14.20056721	-12.86913368	-10.38343538	0.1183306	0.038014	0.0516519	0.0915496	-11.255963
7125000000	0.680678408	2.932153143	-8.222519414	-14.27303126	-12.85411214	-10.71918532	0.1505733	0.037385	0.0518309	0.0847386	-10.90808
7125000000	0.680678408	2.984513021	-8.068173473	-11.58458748	-14.20768943	-12.70621865	0.1560209	0.0694291	0.0379517	0.0620495	-10.895743
7125000000	0.680678408	3.036872899	-10.92120819	-12.19326232	-16.26528203	-14.35125545	0.0808871	0.0603495	0.0236304	0.0367176	-12.976025
7125000000	0.680678408	3.089232776	-16.92482264	-20.37405462	-15.10338856	-17.44256793	0.020301	0.0091748	0.0308774	0.0180195	-12.787951
7125000000	0.680678408	3.141592654	-19.13630013	-19.90078194	-14.5014163	-19.67111024	0.0122003	0.0102311	0.0354698	0.0107867	-17.651801
7125000000	0.733038286	-3.141592654	-19.13630013	-19.90078163	-14.50141581	-19.67111029	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.733038286	-3.089232776	-20.99265233	-15.1770789	-15.20154043	-17.54783641	0.0079567	0.0303593	0.0301888	0.017588	-16.670929
7125000000	0.733038286	-3.036872899	-15.65790436	-11.11368411	-16.90435102	-13.51540799	0.0271775	0.0773805	0.0203699	0.0445102	-13.729797
7125000000	0.733038286	-2.984513021	-12.30877569	-7.305732808	-16.89108234	-11.721379	0.0587655	0.1859631	0.0204593	0.0672763	-10.803151
7125000000	0.733038286	-2.932153143	-10.84036717	-7.47126318	-13.2393099	-13.03360333	0.0824068	0.1790085	0.0474317	0.0497324	-10.474745
7125000000	0.733038286	-2.879793266	-10.2881551	-10.19081073	-12.14770834	-15.41871186	0.0935803	0.0957015	0.0609859	0.0287161	-11.564806
7125000000	0.733038286	-2.827433388	-9.848969477	-8.988710758	-13.0503008	-12.52356769	0.1035388	0.1262202	0.0495416	0.0595298	-10.767166
7125000000	0.733038286	-2.775073511	-8.458205384	-6.843200683	-12.79176965	-10.16569608	0.1426197	0.2068616	0.0525803	0.0625866	-10.553236
7125000000	0.733038286	-2.722713633	-8.399387369	-6.159972927	-10.60890988	-10.1183048	0.1445644	0.2421004	0.0869179	0.0973127	-8.4550045
7125000000	0.733038286	-2.670353756	-13.41797631	-7.07024132	-9.561846285	-11.25204607	0.04552	0.1963251	0.1106153	0.0749541	-9.7121068
7125000000	0.733038286	-2.617993878	-14.68607419	-9.548400241	-10.4700135	-10.58034464	0.0339932	0.1109583	0.0897426	0.0874914	-10.393538
7125000000	0.733038286										

7125000000	0.733038286	-0.157079633	-5.367797356	-8.55069252	-7.386084344	-8.440983459	0.2905496	0.1396146	0.1825541	0.1431864	-7.23593
7125000000	0.733038286	-0.104719755	-5.143599498	-10.3095274	-8.195796643	-7.54055046	0.3059427	0.0931209	0.1515027	0.1761753	-7.4068
7125000000	0.733038286	-0.052359878	-5.387524157	-11.00675895	-9.890266312	-7.108572774	0.2892328	0.0793093	0.1025589	0.1945999	-7.787808
7125000000	0.733038286	-4.446-16	-6.404297388	-6.92923482	-9.885709337	-7.705971798	0.2288602	0.202804	0.1026666	0.169591	-7.545356
7125000000	0.733038286	0.052359878	-7.305999431	-4.75244981	-9.81063626	-8.516395105	0.1859517	0.3347765	0.1044567	0.1407215	-7.178842
7125000000	0.733038286	0.104719755	-8.85178353	-4.122580375	-9.482274825	-8.003632203	0.1302632	0.3870276	0.1126607	0.1583568	-7.0536388
7125000000	0.733038286	0.157079633	-11.45788366	-4.145063682	-7.824467546	-6.575252204	0.0714845	0.3850292	0.1650263	0.2200264	-6.7697163
7125000000	0.733038286	0.20943951	-10.17562446	-4.724160745	-6.829366102	-5.507104109	0.0960368	0.3369643	0.2075216	0.2813776	-6.37376
7125000000	0.733038286	0.261799388	-8.220381619	-4.601022413	-7.0401691574	-4.81398366	0.1506475	0.3466552	0.19762	0.3300666	-5.9134065
7125000000	0.733038286	0.314159265	-8.490606389	-2.791622867	-7.149078984	-4.024096366	0.1415596	0.5258207	0.1927934	0.3959044	-5.0304333
7125000000	0.733038286	0.366519143	-9.954042682	-1.512507744	-6.417309718	-3.234807783	0.1010638	0.7059098	0.2281755	0.4748093	-4.2309499
7125000000	0.733038286	0.41887902	-11.46733478	-1.757929641	-5.568859271	-2.818121987	0.0713291	0.6671247	0.2774049	0.5226221	-4.1496791
7125000000	0.733038286	0.471238898	-13.72473044	-2.304737279	-4.714794357	-2.799451631	0.0424157	0.5882017	0.3376918	0.5248737	-4.2794696
7125000000	0.733038286	0.523598776	-15.87188188	-1.1999824	-3.58244464	-2.94060264	0.0258709	0.7585806	0.4382839	0.5080889	-3.6380698
7125000000	0.733038286	0.575958653	-13.09529453	0.126749436	-2.533806994	-2.979448393	0.049031	0.10296152	0.5579809	0.5035646	-2.7160734
7125000000	0.733038286	0.628318531	-10.35487925	0.397711544	-2.218240742	-2.711396871	0.0921536	0.10959006	0.6000341	0.5366244	-2.3587758
7125000000	0.733038286	0.680678408	-7.68922681	-0.15315913	-2.375862125	-2.112555374	0.1702462	0.9653484	0.5786471	0.614815	-2.0799551
7125000000	0.733038286	0.733038286	-4.899890484	-1.134061246	-1.784072063	-1.418252463	0.3236018	0.7701829	0.663121	0.7213977	-2.7090551
7125000000	0.733038286	0.785398163	-3.528123703	-2.023867484	-0.293215146	-0.890660555	0.4438003	0.6274993	0.9347134	0.8145804	-1.517195
7125000000	0.733038286	0.837758041	-2.75079658	-1.477001341	0.680193615	-0.561381966	0.4390278	0.7117048	1.1695515	0.8787428	-0.9704209
7125000000	0.733038286	0.890117919	-3.797022365	-0.136255035	0.190612364	-0.19786752	0.4171553	0.9691132	1.0448675	0.9554616	-0.7229639
7125000000	0.733038286	0.942477796	-3.04970092	0.145806938	-1.154642599	0.467848497	0.4954843	1.0341432	0.7665416	1.1137246	-0.6931684
7125000000	0.733038286	0.994837674	-1.583685304	-1.086109593	-1.229802992	1.387041083	0.6944348	0.7787338	0.7533897	1.1372715	-0.4541624
7125000000	0.733038286	1.047197551	-0.039722801	-2.659593353	0.34550181	2.189321638	0.9908952	0.5420516	1.0828048	1.6555114	0.2849632
7125000000	0.733038286	1.099557429	0.908080672	-2.382004876	1.390789335	2.576378388	1.23256	0.5778292	1.3774598	1.8098302	0.9670839
7125000000	0.733038286	1.151917306	1.027679144	-1.245795296	0.843153722	2.58905827	1.2669746	0.7506206	1.2142703	1.8151377	1.0097359
7125000000	0.733038286	1.204277184	0.917440402	-0.309681354	-0.451988307	2.544164677	1.2352192	0.9311762	0.9011585	1.7964555	0.8493441
7125000000	0.733038286	1.256637061	1.317435719	0.926365359	-0.545947447	2.685731832	1.3543895	1.2377603	0.8818714	1.8559795	1.2466772
7125000000	0.733038286	1.308996939	1.903205915	2.358098001	0.553770633	2.857184863	1.5499604	1.7211146	1.1359967	1.9307164	1.9987772
7125000000	0.733038286	1.361356817	1.814589888	3.186537424	0.98845522	2.671479715	1.5186545	2.0828296	1.2555833	1.8498988	2.2446613
7125000000	0.733038286	1.413716694	2.980763665	0.01450298	1.947612079	1.2145893	1.2145893	1.9864442	0.992693	1.5658898	1.5833357
7125000000	0.733038286	1.466076572	-0.214246086	1.804717648	-1.757527829	0.926553946	0.9518651	1.5152063	0.6671864	1.237814	0.386273
7125000000	0.733038286	1.518436449	-0.34551877	0.184675153	-2.538589541	0.11751011	0.9235126	1.0434401	0.5573667	1.0274271	-0.5161803
7125000000	0.733038286	1.570796327	0.289054018	-0.920243105	-1.933517679	-0.232103583	1.068822	0.8090506	0.6406904	0.9479592	-0.62166
7125000000	0.733038286	1.623156204	0.624591845	-1.14630202	-1.19911291	-0.4057916	1.1546735	0.7680152	0.7587325	0.9107954	-0.4669748
7125000000	0.733038286	1.675516082	0.058327355	-1.250033017	-1.34980393	-0.768316139	0.1013521	0.7498885	0.7328576	0.8738541	-0.707861
7125000000	0.733038286	1.72787596	-0.101897083	-1.567306731	-2.531224078	-1.260183940	0.790866	0.6970587	0.5583128	0.7481379	-1.5575724
7125000000	0.733038286	1.780235837	-1.661469397	-1.685973273	-3.80676433	-1.428988448	0.6821079	0.6782701	0.4110857	0.1796165	-0.5672229
7125000000	0.733038286	1.832595715	-1.590354236	-1.643355141	-3.881885701	-1.072106794	0.6933692	0.6849589	0.490083	0.7812487	-1.923534
7125000000	0.733038286	1.884955592	-1.290766412	-2.165531103	-0.537940678	-0.54400131	0.742888	0.607361	0.4953367	0.8822667	-1.6623913
7125000000	0.733038286	1.93731547	-1.087264833	-3.816615837	-2.87902185	-0.329203213	0.7785267	0.5142775	0.5153447	0.9269999	-1.8109007
7125000000	0.733038286	1.989675347	-1.408528538	-5.934673447	-3.797632586	-0.743460774	0.7230147	0.2549956	0.4170967	0.842663	-2.5244775
7125000000	0.733038286	2.042053225	-2.584330834	-4.769740636	-5.315918827	-1.78520758	0.5515272	0.3334463	0.2940412	0.6639692	-3.3653846
7125000000	0.733038286	2.094395105	-3.602872534	-1.759825754	-6.452236093	-2.930527861	0.4362272	0.6668335	0.2263479	0.509269	-3.755446
7125000000	0.733038286	2.14675498	-3.277804028	-0.253342495	-7.116125728	-3.578821286	0.4701318	0.9433346	0.1942618	0.4386469	-2.9107416
7125000000	0.733038286	2.199114858	-3.063272356	-0.92226745	-8.62733091	-3.887793263	0.4939384	0.806736	0.1371725	0.4085269	-3.3528487
7125000000	0.733038286	2.251474735	-3.43476719	-4.271540533	-9.521251834	-4.215343004	0.4534436	0.3739779	0.1116541	0.3788486	-4.8216954
7125000000	0.733038286	2.303834613	-3.58813698	-9.749502908	-6.898342202	-4.207383601	0.4377098	0.1059375	0.2042517	0.3795436	-5.4996553
7125000000	0.733038286	2.35619449	-4.274734548	-8.423812071	-6.054344233	-3.634147806	0.373703	0.1437536	0.248065	0.433097	-5.237895
7125000000	0.733038286	2.408554368	-6.084522651	-6.363066182	-8.55553549	-3.389808852	0.2463473	0.2310433	0.139459	0.4581621	-5.7064685
7125000000	0.733038286	2.460914245	-6.963097086	-6.254354146	-11.73184614	-4.431557783	0.2012289	0.2368997	0.0671143	0.3604493	-5.6466944
7125000000	0.733038286	2.513274123	-6.751568572	-7.484837215	-11.62887816	-6.919791457	0.2112726	0.1784499	0.0687246	0.2032455	-7.8140378
7125000000	0.733038286	2.565634	-7.472214752	-9.788608929	-11.30573142	-9.181255881	0.1789693	0.1049879	0.0740333	0.1207456	-9.2196386
7125000000	0.733038286	2.617993878	-8.795981528	-7.844040594	-11.56706957	-9.098599012	0.1319477	0.1642843	0.0697097	0.1230666	-9.1274385
7125000000	0.733038286	2.670353756	-9.782653116	-5.261352307	-15.30732307	-8.766185797	0.1051319	0.2977589	0.029463	0.1328561	-8.4958024
7125000000	0.733038286	2.722713633	-10.68406724	-5.275698	-22.22394234	-9.333571422	0.0852466	0.296777	0.0059925	0.116585	-8.9895689
7125000000	0.733038286	2.775073311	-11.34136022	-7.192529415	-14.3261147	-10.00135798	0.0734284	0.1908741	0.0369308	0.0999687	-9.9869687
7125000000	0.733038286	2.827433388	-10.57626885	-10.34664906	-12.10737858	-9.901208424	0.0875736	0.0923284	0.0615548	0.1023008	-10.658077
7125000000	0.733038286	2.879793266	-9.96223954	-14.13806306	-12.06100503	-9.759664837	0.1097429	0.083565	0.0622156	0.1056899	-11.020796
7125000000	0.733038286	2.932153143	-8.408463672	-14.00809171	-12.43219844	-10.28554486	0.1442626	0.0397366	0.0571189	0.0936366	-10.773333
7125000000	0.733038286	2.984513021	-8.065808058	-11.43988282	-14.19759907	-11.61848949	0.1561032	0.0717814	0.03804	0.0688993	-10.772567
7125000000	0.733038286	3.036872899	-10.78548475	-12.06019481	-16.54178462	-14.03476829	0.0834548	0.0622272	0.0221729	0.0304933	-12.853975
7125000000	0.733038286	3.089232776	-16.77435838	-20.16025578	-15.2052632	-17.41198418	0.0210167	0.0096377	0.0301629	0.0181469	-17.046297
7125000000	0.733038286	3.141592654	-19.13629985	-19.90078163	-14.50141581	-19.67111029	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	0.733038286	3.193629998	-19.13629998	-19.90078163	-14.50141648	-19.67111028	0.0122003	0.0102311	0.0354698	0.0107867	-17.651801
7125000000	0.733038286	3.241592654	-19.13629998	-19.90078163	-14.50141648	-19.67111028	0.0122003	0.0102311	0.0354698	0.0107867	-17.651801
7125000000	0.733038286	3.289232776	-20.82558407	-15.20722489	-15.03711653	-17.4110298	0.0082688	0.0301493	0.0313537	0.0188534	-16.544007
7125000000	0.733038286	3.33672889	-15.62656773	-1							

7125000000	0.785398163	-0.575958653	-2.595400099	-7.506819494	-3.206915376	-4.12891969	0.5501232	0.1775489	0.4778686	0.3864631	-4.0011588
7125000000	0.785398163	-0.523598776	-1.61745666	-9.82375484	-6.77570387	-4.58757156	0.6890557	0.1041417	0.2101017	0.3477305	-4.7139511
7125000000	0.785398163	-0.471238898	-1.117119539	-10.8874752	-5.583491826	-5.83491826	0.7731932	0.0815178	0.1015017	0.2764718	-5.1120805
7125000000	0.785398163	-0.41887902	-2.243179338	-9.599524208	-9.033160779	-6.509721761	0.5965984	0.1096598	0.1249349	0.2283195	-5.7898677
7125000000	0.785398163	-0.366519143	-4.41007482	-9.693909123	-7.509640567	-6.815300495	0.3622368	0.1073023	0.1774336	0.2081948	-6.7000878
7125000000	0.785398163	-0.314159265	-5.373339767	-11.03192668	-7.647734831	-7.195104378	0.290179	0.078851	0.1718805	0.190761	-7.3774385
7125000000	0.785398163	-0.261799388	-4.944913136	-11.64853205	-8.18008467	-8.045146495	0.3202644	0.0684143	0.1520518	0.1568503	-7.5846548
7125000000	0.785398163	-0.20943951	-4.982370841	-9.613125173	-7.698362805	-8.905495733	0.317514	0.1093169	0.1698884	0.128662	-7.4149357
7125000000	0.785398163	-0.157079633	-5.332641509	-8.378101316	-7.146465885	-8.693044733	0.2929111	0.1452747	0.1929094	0.1351125	-7.1771349
7125000000	0.785398163	-0.104719755	-5.190854511	-10.16774067	-8.066786329	-7.599132834	0.3026318	0.0962113	0.1560707	0.1738148	-7.3949421
7125000000	0.785398163	-0.052359878	-5.388230943	-11.01477625	-9.834296807	-7.126748673	0.2891858	0.079163	0.1038892	0.1937872	-7.7856934
7125000000	0.785398163	-4.44E-16	-6.404297673	-6.929234904	-9.88571022	-7.705971542	0.2288602	0.202804	0.1026666	0.169591	-7.5453561
7125000000	0.785398163	0.052359878	-7.384901184	-4.720210589	-9.814197723	-8.49470007	0.1826038	0.337271	0.1043711	0.1414262	-7.1801716
7125000000	0.785398163	0.104719755	-8.980896053	-4.138670818	-9.363273483	-8.004155412	0.1264475	0.3855964	0.1157904	0.1583377	-7.0654238
7125000000	0.785398163	0.157079633	-11.48255293	-4.24462335	-7.631932995	-6.563276019	0.0710796	0.376303	0.172507	0.220634	-6.7751012
7125000000	0.785398163	0.20943951	-10.02883479	-4.773869487	-6.664140964	-5.46370741	0.0993383	0.3331295	0.2155688	0.2842034	-6.325323
7125000000	0.785398163	0.261799388	-8.1485938	-4.481961692	-6.868896747	-4.815933114	0.1531583	0.3562902	0.2056413	0.3299185	-6.5294025
7125000000	0.785398163	0.314159265	-8.506536715	-2.779565889	-6.896046959	-4.12078137	0.1410413	0.5272826	0.2043597	0.387188	-5.0173137
7125000000	0.785398163	0.366519143	-10.09307008	-1.767628153	-6.129570298	-3.340085571	0.0978798	0.6653669	0.2438052	0.4634378	-4.3451837
7125000000	0.785398163	0.41887902	-11.7272802	-2.265244885	-5.354020065	-2.817020587	0.0671849	0.5935749	0.2914728	0.5227547	-4.3327171
7125000000	0.785398163	0.471238898	-13.75519063	-2.62009323	-4.60680913	-2.627501	0.0421193	0.5470042	0.3461936	0.546072	-4.3139084
7125000000	0.785398163	0.523598776	-15.77235371	-0.903395831	-3.495637177	-2.616419754	0.0264707	0.8121952	0.4471325	0.5474671	-3.3883464
7125000000	0.785398163	0.575958653	-13.10707073	0.618900478	-2.410410774	-2.6556873	0.0488982	1.1531613	0.5740622	0.5425394	-2.3682273
7125000000	0.785398163	0.628318531	-10.14138238	0.698489758	-2.101440524	-2.633768679	0.096797	1.1744891	0.6163905	0.5452845	-2.1592484
7125000000	0.785398163	0.680678408	-7.885477134	-0.341623398	-2.37260447	-2.412243895	0.1627243	0.9243526	0.5790813	0.5738199	-2.5181623
7125000000	0.785398163	0.730308286	-5.403782587	-1.592378499	-1.928587017	-2.031483523	0.2881521	0.6930461	0.6414182	0.6263999	-2.5006739
7125000000	0.785398163	0.785398163	-4.017732774	-1.680304448	-0.487442024	-1.718338651	0.396485	0.679156	0.8938318	0.6732341	-2.1001099
7125000000	0.785398163	0.837758041	-4.087701952	-0.117858837	0.497621876	-1.530465611	0.3901484	0.9732269	1.1214042	0.7029969	-0.9857213
7125000000	0.785398163	0.890119719	-4.357476061	1.477177127	0.029190108	-1.206893117	0.3666506	1.4051339	1.067439	0.7573973	-0.5355216
7125000000	0.785398163	0.942477796	-3.414412543	1.908264491	-1.259461459	-0.43821926	0.4555738	1.5517668	0.7482623	0.9040201	-0.3862365
7125000000	0.785398163	0.994837674	-2.183532311	0.898907866	-0.122334449	0.709890825	0.6553415	1.2299594	0.7546865	1.1775074	-0.2027369
7125000000	0.785398163	1.047197551	-0.40745325	-1.223892337	0.434532876	1.782118026	0.910447	0.7544158	1.1052316	1.507342	0.2912357
7125000000	0.785398163	1.09957429	0.429191086	-3.016380617	0.135256906	2.413193486	1.103873	0.4993004	1.425367	1.7430881	0.7660634
7125000000	0.785398163	1.151917306	0.510843205	-2.975826713	1.070490322	2.618873295	1.1248233	0.5039847	1.2795258	1.827626	0.7334801
7125000000	0.785398163	1.2042771084	0.381112919	-1.757251695	-0.128971314	2.689167542	1.0917201	0.6672289	0.9707399	1.8574484	0.5948174
7125000000	0.785398163	1.256637181	0.79698866	0.014398129	-0.183713882	2.843176858	1.2014311	0.0032308	0.9585805	1.924499	0.4407272
7125000000	0.785398163	1.308996939	1.470567366	1.751615445	0.920432733	2.942670955	1.402997	1.4967923	1.2360706	1.9690969	1.8362261
7125000000	0.785398163	1.361356817	1.489342962	2.7393093	1.38435459	2.647036028	1.4090756	1.879018	1.3754204	1.8935161	2.1105577
7125000000	0.785398163	1.413716694	0.618169684	2.646558283	0.365391979	1.805444015	1.1529672	1.8393138	1.0877753	1.5154939	1.478016
7125000000	0.785398163	1.46076572	-0.319865589	1.524163205	-0.158457002	0.666739388	0.9289951	1.4204185	0.7065685	1.1569339	0.2349961
7125000000	0.785398163	1.518436449	-0.303458533	-0.17955292	-2.553262284	-0.249030855	0.9325114	0.9594994	0.5554868	0.9442716	-0.716337
7125000000	0.785398163	1.570796327	-0.404253446	-1.441013086	-2.026226462	-0.649944913	1.0975526	0.7176269	0.6271586	0.8601047	-0.8310636
7125000000	0.785398163	1.623156204	0.684709173	-1.563893999	-1.19894292	-0.75629396	1.1707682	0.6976066	0.7587624	0.8401766	-0.6206654
7125000000	0.785398163	1.6751616082	-0.025783224	-1.239948796	-1.252323267	-0.937064444	0.9940808	0.7516318	0.7495089	0.805923	-0.3395878
7125000000	0.785398163	1.72787596	-1.286787899	-0.908188977	-2.29082585	-1.269910146	0.7435689	0.8112993	0.5900889	0.7466462	-1.4098462
7125000000	0.785398163	1.780238337	-2.108161431	-0.427263252	-3.87558946	-1.485098927	0.6154374	0.9063035	0.4583963	0.710379	-1.7222438
7125000000	0.785398163	1.832595715	-2.175105976	-0.104492015	-3.377190729	-1.362680346	0.6060234	0.976227	0.4594951	0.730688	-1.5919885
7125000000	0.785398163	1.884955592	-1.892918686	-0.588115279	-2.706211911	-1.106059822	0.6467078	0.8735035	0.5362642	0.7571648	-1.500454
7125000000	0.785398163	1.93731547	-1.502220594	-2.380187346	-2.516341284	-1.144151927	0.7075839	0.5780711	0.5602294	0.7683955	-1.8477901
7125000000	0.785398163	1.989673477	-1.551127112	-5.192401761	-3.258821328	-1.750400189	0.6996604	0.302524	0.4721912	0.6682823	-2.7110716
7125000000	0.785398163	2.042035325	-2.517579769	-4.983879559	-4.888168846	-2.75341305	0.5600696	0.3174037	0.3297153	0.5304674	-2.109167
7125000000	0.785398163	2.094395102	-3.456673796	-1.869395877	-6.159539398	-3.485962784	0.4511621	0.6502201	0.2421286	0.4481297	-3.4880912
7125000000	0.785398163	2.14675498	-3.128213151	-0.196072162	-6.593695946	-3.646806863	0.4866074	0.9558567	0.219094	0.8318365	-1.2020891
7125000000	0.785398163	2.199114858	-2.818270599	-0.775619409	-7.928252584	-3.772873651	0.5226043	0.8364463	0.1611294	0.4194814	-3.1433409
7125000000	0.785398163	2.251474735	-3.149018702	-4.072013091	-9.780423032	-4.311065931	0.4842818	0.3915603	0.1051859	0.3862722	-4.6619631
7125000000	0.785398163	2.303834613	-3.642165685	-8.963975515	-7.151062973	-4.319424753	0.4322982	0.1269412	0.1927053	0.3698772	-5.521361
7125000000	0.785398163	2.35619449	-4.809323717	-7.032187511	-5.696078454	-4.147356432	0.330421	0.1980529	0.2693966	0.384826	-5.2918668
7125000000	0.785398163	2.408554268	-6.873500708	-5.446150122	-7.860954277	-4.353027662	0.2052432	0.2835447	0.1636457	0.3670263	-5.9284283
7125000000	0.785398163	2.460914345	-7.74156794	-6.355582481	-1.120689066	-5.755561676	0.1669492	0.2314418	0.0686959	0.265732	-7.3706333
7125000000	0.785398163	2.513274123	-7.590653063	-8.827024399	-10.88858476	-8.153575205	0.1741545	0.1310079	0.081497	0.1529828	-8.6995412
7125000000	0.785398163	2.565634	-8.133634523	-10.33987415	-9.659954243	-9.168445293	0.1536868	0.0924725	0.1081445	0.1211032	-9.2499444
7125000000	0.785398163	2.617993878	-9.326183732	-6.577393964	-10.04466547	-8.347197299	0.1167835	0.219179	0.0989768	0.1463121	-8.3714419
7125000000	0.785398163	2.670353756	-10.32830667	-4.250344892	-13.52464323	-7.988113836	0.0927191	0.3758076	0.0444156	0.1589237	-7.7477734
7125000000	0.785398163	2.722713633	-10.84647853	-4.610224659	-20.21426548	-8.403647226	0.082291	0.3459215	0.0951758	0.1444226	-7.3002729
7125000000	0.785398163	2.775073511	-11.17846525	-6.836970291	-14.23589669	-8.918019953	0.0762348	0.2071586	0.037706	0.1282915	-9.4943566
7125000000	0.785398163	2.827433388	-10.72419436	-10.36352113	-11.427327131	-9.161333409	0.084641	0.0919704	0.0719901	0.1213016	-10.3397721
7125000000	0.785398163	2.879793266	-9.990560465	-14.40008836	-11.12993798	-9.441672462	0.1002176	0.0363071	0.0770914	0.1137189	-10.870675
7125000000	0.785398163	2.932153143	-8.653594								

7125000000	0.837758041	-0.994837674	2.849905406	-8.177803832	-0.848041756	-1.485582031	1.9274829	0.1521317	0.8226135	0.7103	-0.4424876
7125000000	0.837758041	-0.942477796	4.144015413	-8.42229045	-0.517404822	-1.278882077	2.596579	0.143804	0.8876863	0.7449237	0.3871879
7125000000	0.837758041	-0.890117719	4.197751982	-7.721120797	-0.373608166	-1.374019021	2.6289069	0.1690005	1.0898352	0.7287828	0.6225522
7125000000	0.837758041	-0.837758041	2.864449893	-7.091278556	-0.397860752	-2.006444273	1.9339489	0.1953764	1.0959382	0.6300218	-0.1600347
7125000000	0.837758041	-0.785398163	0.591949777	-7.665201322	-0.548617781	-2.862366153	1.1460273	0.1711906	0.8814207	0.5173249	-1.6813607
7125000000	0.837758041	-0.733038286	-0.980591754	-10.12137118	-1.340852437	-3.479423259	0.797886	0.097244	0.7343697	0.4488051	-2.8435076
7125000000	0.837758041	-0.680678408	-1.414491149	-10.41875705	-1.132364957	-3.862413169	0.7220228	0.090808	0.7704838	0.4109213	-3.0228346
7125000000	0.837758041	-0.628318531	-2.252992602	-7.574071238	-0.992762529	-4.151578484	0.5952518	0.1748207	0.7956531	0.384452	-3.1198582
7125000000	0.837758041	-0.575958653	-2.754028908	-7.051087572	-2.394468812	-4.372587586	0.5303922	0.1971929	0.5761733	0.365377	-3.7956843
7125000000	0.837758041	-0.523598776	-1.7797662	-8.652908932	-5.593414679	-4.910257289	0.6637788	0.1363669	0.2758408	0.3283003	-4.5629914
7125000000	0.837758041	-0.471238898	-1.282062208	-9.448251662	-8.477687455	-6.012513216	0.7443784	0.1135468	0.1419813	0.2504659	-5.0502058
7125000000	0.837758041	-0.41887902	-2.400798723	-8.95248853	-8.110338414	-6.912487208	0.5753341	0.1272774	0.1545134	0.2035876	-5.7646232
7125000000	0.837758041	-0.366519143	-4.560254286	-9.4349535	-7.070558758	-7.089001334	0.3499247	0.113895	0.1963108	0.1954789	-6.6978448
7125000000	0.837758041	-0.314159265	-5.44587352	-10.77263807	-7.405855204	-7.452521932	0.2853728	0.0837021	0.1817249	0.1797827	-7.3839073
7125000000	0.837758041	-0.261799388	-4.848681755	-11.26936949	-7.906906852	-8.38568038	0.3274401	0.0746557	0.1619233	0.1450214	-7.5138899
7125000000	0.837758041	-0.20943951	-4.814844785	-9.370046908	-7.399279667	-9.234025348	0.3300012	0.11561	0.1820003	0.1192882	-7.2879774
7125000000	0.837758041	-0.157079633	-5.282093662	-8.234035512	-6.940740506	-8.830170749	0.2963402	0.1501746	0.2022674	0.130913	-7.1013507
7125000000	0.837758041	-0.104719755	-5.237077371	-10.04330754	-7.961584405	-7.624891634	0.2994279	0.0909078	0.1598975	0.1727869	-7.3807131
7125000000	0.837758041	-0.052359878	-5.393078773	-11.00902461	-9.782913497	-7.14004989	0.2888631	0.0792679	0.1051256	0.1931767	-7.7830315
7125000000	0.837758041	-4.44E-16	-6.404297431	-6.929234932	-9.88570992	-7.70597184	0.2288602	0.202804	0.1026666	0.169591	-7.5453561
7125000000	0.837758041	0.052359878	-7.462999291	-4.692145585	-9.817985789	-8.461858148	0.1793495	0.3394575	0.1042801	0.1424998	-7.1806552
7125000000	0.837758041	0.104719755	-9.092712912	-4.16065801	-9.265075903	-7.972773684	0.1232335	0.3836491	0.1184384	0.159486	-7.0729713
7125000000	0.837758041	0.157079633	-11.47199178	-4.348096503	-7.49825361	-6.507191676	0.0712526	0.3674433	0.1778995	0.225017	-6.777305
7125000000	0.837758041	0.20943951	-9.941729186	-4.802914244	-6.566127233	-5.35987129	0.1013508	0.330909	0.2204892	0.2910803	-6.2716654
7125000000	0.837758041	0.261799388	-8.180132359	-4.350850236	-6.735320239	-4.738017194	0.1520501	0.3672104	0.2120645	0.3358909	-5.7616521
7125000000	0.837758041	0.314159265	-8.655294211	-2.778969085	-6.64533189	-4.153386496	0.1362921	0.527355	0.2165044	0.384292	-5.0016057
7125000000	0.837758041	0.366519143	-10.32934431	-2.011920346	-5.847997475	-3.435935362	0.092697	0.6922279	0.2601359	0.4533217	-4.4502638
7125000000	0.837758041	0.41887902	-11.89581974	-2.692595126	-5.160390582	-2.854527086	0.0646276	0.5379031	0.3047621	0.518295	-4.3026662
7125000000	0.837758041	0.471238898	-13.44742753	-2.805554642	-4.532046814	-2.489705586	0.0452124	0.5241367	0.3522048	0.5636759	-4.4026636
7125000000	0.837758041	0.523598776	-15.31111397	-0.655612197	-3.454104368	-2.207933504	0.0294367	0.8598818	0.4514291	0.6014599	-3.1376437
7125000000	0.837758041	0.575958653	-13.25270754	0.966531608	-2.333292069	-1.978563476	0.0472856	1.2492609	0.5843554	0.6304790	-2.0152521
7125000000	0.837758041	0.628318531	-10.1296172	0.906526831	-2.027417365	-1.867834165	0.0952147	1.2321191	0.6269866	0.650454	-1.8628989
7125000000	0.837758041	0.680678408	-8.393691859	-0.536918407	-2.422056942	-1.834092114	0.1447541	0.8837067	0.5725248	0.6555273	-2.4862217
7125000000	0.837758041	0.733038286	-6.228374511	-1.958258817	-2.176450308	-1.770415894	0.2383211	0.6370509	0.6058359	0.6652095	-2.7034583
7125000000	0.837758041	0.785398163	-4.698259329	-1.126517434	-0.844151207	-1.660746812	0.33898	0.7715219	0.8233507	0.6822214	-1.8404997
7125000000	0.837758041	0.837758041	-4.595548852	1.03059671	0.0116625201	-1.479579098	0.3470924	1.2678261	0.9272177	0.7112824	-1.5675722
7125000000	0.837758041	0.890117919	-4.76657503	2.588379359	-0.343604164	-1.092443251	0.3336895	1.8148383	0.9239311	0.777599	-0.1659274
7125000000	0.837758041	0.942477796	-3.721904634	2.997086518	-1.552369188	-0.382361988	0.4244334	1.9939242	0.6993779	0.9157223	0.0361754
7125000000	0.837758041	0.994837674	-2.219704993	2.24151703	-1.363423509	0.586401095	0.5998318	1.6755281	0.730563	1.1445641	0.1603906
7125000000	0.837758041	1.047197551	-1.04184836	0.597031079	-0.401105361	1.499698868	0.7867109	1.147369	1.0967573	1.4124396	0.4564338
7125000000	0.837758041	1.099557429	-0.392743275	-1.121983149	1.592073119	2.04935989	0.913536	1.7273278	1.4428039	1.6030091	0.7295509
7125000000	0.837758041	1.151917306	-0.389440087	-1.738401429	1.25151444	2.216441217	0.9142311	1.6701312	1.3339865	1.6651913	0.5914105
7125000000	0.837758041	1.204277184	-0.569112749	-1.042819107	0.293962893	2.221062831	0.87718	1.7865351	1.0566625	1.6676553	0.4020958
7125000000	0.837758041	1.256637061	-0.155961345	0.291023743	0.321990092	2.259090699	0.9647257	1.0693069	1.0769586	1.6823218	0.7897878
7125000000	0.837758041	1.308969639	0.614296846	1.579727614	1.457941401	2.229775139	1.1519395	1.4387083	1.3989241	1.6710041	1.5080064
7125000000	0.837758041	1.361356817	0.762104497	2.260995946	1.968310762	1.856197962	1.1918194	1.68306	1.5733708	1.5332741	1.7475188
7125000000	0.837758041	1.413716694	0.005804487	2.00985898	1.051227637	1.020279334	1.0013374	1.5884952	1.2738631	1.2648177	1.079315
7125000000	0.837758041	1.466076572	-0.812265278	0.767245195	-0.773825193	-0.057775043	0.829418	1.193231	0.8367918	0.9867849	-0.1702522
7125000000	0.837758041	1.518436449	-0.658892606	-1.155847942	-0.015454804	-0.922066621	0.8592326	1.7653289	0.6287161	0.808711	-1.1591461
7125000000	0.837758041	1.570796327	0.133774258	-2.590087495	-1.799686146	-1.271979985	1.031282	0.5507966	0.6607412	0.7461085	-1.265445
7125000000	0.837758041	1.623156204	0.40133366	-2.365481224	-1.131079115	-1.26138745	1.096815	0.5800319	0.7707119	0.7479305	-0.9752262
7125000000	0.837758041	1.675516082	-0.395836705	-1.385594818	-1.231699455	-1.287713465	0.9128855	0.7268428	0.7530608	0.7434304	-1.0565629
7125000000	0.837758041	1.72787596	-1.782086447	-0.39347756	-1.558768652	-1.558768652	0.6634243	0.9133816	0.6004892	0.6984304	-1.33281257
7125000000	0.837758041	1.780235837	-2.743183713	0.549023658	-3.134643681	-1.887183574	0.5317183	1.1347557	0.4858874	0.6475624	-1.5493177
7125000000	0.837758041	1.832595175	-2.947066405	1.077281562	-3.091620947	-1.96255725	0.5073333	1.2815282	0.4907247	0.6364207	-1.3727146
7125000000	0.837758041	1.884955592	-2.726157915	0.648684603	-2.61110351	-1.853961454	0.5383069	1.1610969	0.5481377	0.6525351	-1.4032494
7125000000	0.837758041	1.93731547	-2.204186287	-1.212825605	-1.946583835	-1.946583835	0.601979	0.7563406	0.5614807	0.6387657	-1.9406334
7125000000	0.837758041	1.989673547	-2.011890752	-4.635099573	-3.095932312	-2.436904826	0.6292322	0.3439458	0.4902378	0.5705708	-2.9371192
7125000000	0.837758041	2.042035225	-2.724600366	-6.03158121	-4.253316833	-3.032498231	0.5339984	0.2993697	0.3529135	0.4974508	-3.8887932
7125000000	0.837758041	2.094395102	-3.481564338	-2.940333464	-5.973327639	-3.311738132	0.4485838	0.5081204	0.2527361	0.4664727	-3.7780854
7125000000	0.837758041	2.146754958	-3.17926062	-1.03604528	-6.341969272	-3.452353657	0.4809212	0.7877628	0.2321684	0.4561111	-3.1147708
7125000000	0.837758041	2.19911488	-2.825297718	-1.518838579	-7.467814525	-3.893483131	0.5217593	0.7048815	0.1791507	0.407992	-3.4347451
7125000000	0.837758041	2.251474735	-3.027799384	-4.836324647	-9.927580957	-4.628473893	0.4979894	0.3283731	0.1016815	0.344471	-4.9739712
7125000000	0.837758041	2.303834613	-3.734102117	-8.773119249	-7.57978278	-5.211164177	0.423243	0.1326441	0.1745909	0.3021198	-5.8850743
7125000000	0.837758041	2.35619449	-5.469356011	-5.724210814	-5.585868394	-5.482237252	0.283834	0.2675762	0.2763205	0.2829394	-5.5642213
7125000000	0.837758041	2.408554368	-7.763563768	-4.370411549	-5.732713917	-5.995900418	0.1673569	0.3655601	0.1831397	0.2514259	-6.164168
7125000000	0.837758041	2.460914245	-8.279611276	-6.217218639	-11.3163656	-7.169772187	0.1486069	0.2389341	0.0738522	0.1918769	-7.8696721
7125000000	0.837758041	2.513274123	-8.								

7125000000	0.890117919	-1.413716694	3.547796538	-5.934348282	0.638680082	-1.955588404	2.2634956	0.2550147	1.1584252	0.6374427	0.3285822
7125000000	0.890117919	-1.361356817	3.570994615	-6.003914525	0.290458034	-2.06333121	2.2756185	0.2509623	1.0691676	0.6218231	0.2300248
7125000000	0.890117919	-1.308996939	3.028633746	-6.870408213	-0.714445894	-2.225042593	2.0084609	0.2055697	0.8483018	0.5990951	-0.3840955
7125000000	0.890117919	-1.256637061	2.614560829	-7.627291194	-0.580034587	-1.958892327	1.8258121	0.1726915	0.8749768	0.6369585	-0.5669864
7125000000	0.890117919	-1.204277184	2.396992878	-7.274170213	0.953534108	-1.362424872	1.736598	0.1873195	1.2455278	0.730731	-0.1097577
7125000000	0.890117919	-1.151917306	1.788125515	-6.465332176	2.121324585	-0.921896551	1.5094285	0.2256663	1.6639201	0.8087426	0.2199072
7125000000	0.890117919	-1.099557429	0.860380061	-6.602598721	2.254221128	-0.813780196	1.2190963	0.2186453	1.6313315	0.8091288	-0.1119567
7125000000	0.890117919	-1.047197551	1.224586286	-7.981175988	0.909113914	-0.815029145	1.3257408	0.1591778	1.2328533	0.8288904	-0.5224016
7125000000	0.890117919	-0.994837674	3.009821186	-9.270236806	-0.123746113	-0.654988224	1.9997795	0.1182977	0.9719085	0.8600054	-0.0546387
7125000000	0.890117919	-0.942477764	4.299285457	-9.091776538	0.151565108	-0.43607937	2.691092	0.1232601	1.0355153	0.9044656	0.750296
7125000000	0.890117919	-0.890117919	4.269472187	-8.318235709	0.890507697	-0.57605511	2.6726816	0.1472911	1.2275827	0.8757789	0.9019933
7125000000	0.890117919	-0.837758041	2.766660232	-7.832169694	0.799807009	-1.311342354	1.8908889	0.1647339	1.202211	0.7393767	-0.0030296
7125000000	0.890117919	-0.785398163	0.181489434	-8.373019281	-0.203534951	-2.390556644	1.042675	0.1454448	0.9542156	0.5766925	-1.6764634
7125000000	0.890117919	-0.733038286	-1.536588818	-10.12572428	-0.978456991	-3.289373608	0.7020065	0.0971466	0.7982783	0.468881	-2.8686402
7125000000	0.890117919	-0.680678408	-1.671589442	-9.592996256	-0.685015043	-3.848888229	0.6805203	0.1098248	0.8540799	0.412203	-2.8890426
7125000000	0.890117919	-0.628318531	-2.277111671	-7.129637778	-0.422467707	-4.213221689	0.5919552	0.1936583	0.9073048	0.3790337	-2.8568028
7125000000	0.890117919	-0.575958653	-2.832214037	-6.53696121	-1.619955308	-4.527210629	0.5209291	0.2219749	0.6886594	0.3525973	-3.5062604
7125000000	0.890117919	-0.523598776	-2.008750058	-7.548870725	-4.433423155	-5.182714836	0.6296874	0.1758381	0.3602945	0.3031995	-4.3503242
7125000000	0.890117919	-0.471238898	-1.538505803	-8.253934016	-6.980481855	-6.305696727	0.7016967	0.1494881	0.200425	0.2341156	-4.292118
7125000000	0.890117919	-0.41887902	-2.633632274	-8.451665638	-7.0193328	-7.022833024	0.5453016	0.1428346	0.19864	0.19848	-5.6652772
7125000000	0.890117919	-0.366519143	-4.753795586	-9.369126033	-6.4991257	-7.025785413	0.3346728	0.1156345	0.2239172	0.1983451	-6.6125992
7125000000	0.890117919	-0.314159265	-5.522053855	-10.7463715	-7.114701667	-7.390367567	0.2804107	0.0842098	0.1943255	0.1823741	-7.3205415
7125000000	0.890117919	-0.261799388	-4.753569608	-11.067579505	-7.655735914	-8.423675507	0.3346902	0.0782064	0.1715641	0.1437581	-7.3979808
7125000000	0.890117919	-0.20943951	-4.650472654	-9.190630549	-7.142252194	-9.318708613	0.3427305	0.1204861	0.1930967	0.1169847	-7.1371312
7125000000	0.890117919	-0.157079633	-5.222524063	-8.121036122	-6.770925961	-8.849290753	0.300433	0.1541333	0.210333	0.130338	-7.0105633
7125000000	0.890117919	-0.104719755	-5.282136355	-9.936860302	-7.880865247	-7.620326119	0.2963373	0.101465	0.1628971	0.1729686	-7.3656066
7125000000	0.890117919	-0.052359878	-5.401647339	-10.99028558	-7.736319906	-7.150136085	0.2882938	0.0971407	0.1062596	0.1927465	-7.7799245
7125000000	0.890117919	-4.44-1.6	-6.404297358	-6.929235195	-9.885709983	-7.705971697	0.2288602	0.202804	0.1026666	0.169591	-7.5453521
7125000000	0.890117919	0.052359878	-7.540092957	-4.668154733	-9.822513699	-8.417483028	0.1761938	0.3413379	0.1041714	0.1439633	-7.5802068
7125000000	0.890117919	0.104719755	-9.188082982	-4.18738272	-9.190655578	-7.906170203	0.1205568	0.3812955	0.1204854	0.1619508	-7.0758414
7125000000	0.890117919	0.157079633	-9.157079633	-4.454825633	-7.425305492	-6.403955494	0.0717628	0.3585233	0.1809128	0.2288782	-6.7774048
7125000000	0.890117919	0.20943951	-9.928036955	-4.816347278	-6.537331555	-5.198143207	0.1016708	0.3298804	0.221956	0.3021243	-6.2176953
7125000000	0.890117919	0.261799388	-8.327184562	-4.214625148	-6.46660627	-4.584820626	0.1469879	0.3789112	0.2164409	0.3479509	-5.6451759
7125000000	0.890117919	0.314159265	-8.9507088	-2.782982822	-6.411875565	-4.118339368	0.1273295	0.5268679	0.2284612	0.3874058	-4.9823427
7125000000	0.890117919	0.366519143	-10.6752788	-2.226839943	-5.592240933	-3.518871181	0.0855997	0.5988472	0.2759154	0.4447469	-4.5434995
7125000000	0.890117919	0.41887902	-12.04937015	-3.008439767	-5.013047489	-2.94736869	0.0623825	0.5002142	0.3152791	0.507298	-4.605557
7125000000	0.890117919	0.471238898	-13.06013467	-2.907555491	-4.524511044	-2.454060068	0.0494295	0.5119699	0.3528165	0.5683214	-4.3105435
7125000000	0.890117919	0.523598776	-14.4221514	-0.53910449	-3.505872767	-1.890293489	0.0361231	0.883262	0.44608	0.6470989	-2.983103
7125000000	0.890117919	0.575958653	-12.9735853	1.135061123	-2.368719745	-1.288362981	0.0504245	1.2986918	0.5795995	0.7432993	-1.7522108
7125000000	0.890117919	0.628318531	-10.25490429	1.050458767	-2.069272577	-0.862388275	0.0942995	1.2736376	0.6209795	0.8199005	-1.5353662
7125000000	0.890117919	0.680678408	-9.014751247	-0.541570478	-2.568304593	-0.695141472	0.1254657	0.8827606	0.5536662	0.8520908	-2.1934374
7125000000	0.890117919	0.733038286	-7.266608244	-1.939759943	-2.507236314	-0.666874268	0.1876459	0.3597702	0.5614016	0.8576549	-2.5055885
7125000000	0.890117919	0.785398163	-5.511017155	-0.543938758	-1.302906528	-0.598989913	0.2811242	0.8827294	0.7408143	0.8711662	-1.5873689
7125000000	0.890117919	0.837758041	-5.094152937	1.723428285	-0.404333322	-0.374717365	0.3094459	0.84871091	0.9111013	0.9173356	-4.4275295
7125000000	0.890117919	0.890117919	-5.070943237	3.041757557	-0.905405021	0.001827944	0.3111041	0.2104594	0.8118111	1.000421	0.1471743
7125000000	0.890117919	0.942477796	-4.039395761	3.265711955	-2.084041647	0.44785386	0.3945122	2.1211491	0.6188649	1.1086268	0.256287
7125000000	0.890117919	0.994837674	-2.769272731	2.672375216	-1.748283304	0.892437528	0.5285338	1.8502803	0.6686082	1.2281283	0.2893205
7125000000	0.890117919	1.047197551	-1.932816979	1.710955062	0.168397004	1.230278259	0.6407938	1.4828441	1.0395364	1.3274749	0.5024959
7125000000	0.890117919	1.099557429	-1.501877185	0.910989926	1.486563472	1.326255858	0.7076398	1.2333859	1.4081741	1.3751429	0.7062357
7125000000	0.890117919	1.151917306	-1.556075052	0.692247619	1.310977367	1.157301745	0.6988637	1.1728022	1.3523769	1.3035396	0.5398091
7125000000	0.890117919	1.204277184	-1.146908716	1.146908716	1.051538112	0.862149199	0.6692586	1.3022395	1.1301961	1.219593	0.9351914
7125000000	0.890117919	1.256637061	-1.28885649	1.93553707	0.796965572	0.606669958	0.7432148	1.5615421	1.2014247	1.1499913	0.659623
7125000000	0.890117919	1.308996939	-0.375640273	2.562124688	1.98780379	0.387644646	0.9171407	1.8039	1.5804486	1.0933632	1.2991955
7125000000	0.890117919	1.361356817	-0.051268769	2.665864179	2.56210412	0.059753564	0.9882643	1.8475084	1.8038915	1.0138539	1.5025879
7125000000	0.890117919	1.413716694	-0.647734988	2.041842923	1.812007455	-0.461993157	0.8614429	1.6002369	1.5177518	0.8990849	0.8622778
7125000000	0.890117919	1.466076572	-1.331281467	0.606033171	0.195376722	-1.104855509	0.7358999	1.1497497	1.0460144	0.7753797	-0.3302173
7125000000	0.890117919	1.518436449	-1.075493361	-1.450682881	-0.057494643	-1.624030674	0.7806398	0.7160308	0.7838817	0.6880135	-1.2951332
7125000000	0.890117919	1.570796327	-0.230274393	-0.301580563	-1.186171836	-1.748696683	0.9483585	0.4993665	0.7609698	0.6685445	-1.4307992
7125000000	0.890117919	1.623156204	0.032795565	-2.74261591	-0.870939981	-1.5383827	1.00758	0.5317878	0.8182877	0.7017166	-1.1642769
7125000000	0.890117919	1.675516082	-0.805509084	-1.580493869	-1.199822174	-1.398582371	0.8307093	0.6949453	0.7586086	0.7246725	-1.2364708
7125000000	0.890117919	1.72787596	-2.251323068	-0.403232095	-2.31451864	-1.602880758	0.5954807	0.9115233	0.5868784	0.6913272	-1.5719508
7125000000	0.890117919	1.780235837	-3.290565948	0.688060485	-3.227570189	-1.969346618	0.4687523	1.171672	0.4756012	0.6354265	-1.6249805
7125000000	0.890117919	1.832595715	-3.598597026	1.311860562	-3.176851822	-2.11222401	0.4366569	1.3526519	0.481188	0.6148619	-1.4186017
7125000000	0.890117919	1.884955592	-3.461767411	0.907865637	-2.84884841	-2.008680873	0.4506333	1.232499	0.5189376	0.6296974	-1.5002423
7125000000	0.890117919	1.93731547	-2.894223854	-1.063207754	-2.856764993	-2.00689178	0.5153439	0.7828512	0.5179925	0.6299569	-1.3897577
7125000000	0.890117919	1.989675347	-2.559507348	-5.112783135	-3.268359122	-2.328383309	0.5546886	0.3081213	0.4711553	0.5850078	-1.8199111
7125000000	0.890117919	2.042035225	-3.084396315	-8.477435625	-4.375698752	-2.8202595	0.4915417	0.1419896	0.3651154	0.522365	-1.4992746
7125000000	0.890117919	2.09395									

7125000000	0.942477796	-1.832595715	-3.035419905	-5.811203662	-5.444214462	-2.729185774	0.4971163	0.2623491	0.2854819	0.5334349	-4.0384781
7125000000	0.942477796	-1.780235837	-1.899223959	-5.530777966	-5.059602821	-2.463772609	0.6457696	0.279848	0.3119175	0.5670518	-3.4568219
7125000000	0.942477796	-1.72787596	-1.039197164	-4.594551926	-3.389136691	-2.13553703	0.7871913	0.3471721	0.458233	0.6115706	-2.588155
7125000000	0.942477796	-1.675516082	-0.333039578	-4.004901774	-2.075769282	-2.196820526	0.9261814	0.3976576	0.6200448	0.6030009	-1.965071
7125000000	0.942477796	-1.623156204	0.040971859	-4.290158971	-1.931472278	-2.747892839	1.0094788	0.3723781	0.6409922	0.5311421	-1.984406
7125000000	0.942477796	-1.570796327	0.419996144	-5.109433097	-2.384667666	-3.368763487	1.1015383	0.308359	0.5774751	0.4603876	-2.1329115
7125000000	0.942477796	-1.518436449	1.562187342	-5.612820673	-1.975922549	-3.382787491	1.4329094	0.274611	0.6344651	0.4589034	-1.547641
7125000000	0.942477796	-1.466076572	3.189765549	-5.384313568	-0.517962361	-2.805261441	2.0843784	0.2894467	0.8875723	0.524172	-0.2392877
7125000000	0.942477796	-1.413716694	4.275929976	-5.3688006	0.501424825	-2.332643447	2.766587	0.3208632	1.1223866	0.5844342	0.7043897
7125000000	0.942477796	-1.361356817	4.422254482	-4.96608739	0.206365383	-2.726941644	2.7683784	0.3085596	1.0486644	0.5919784	0.7165936
7125000000	0.942477796	-1.308996939	3.996930835	-6.017655887	-0.731648892	-2.296054347	2.5101119	0.2501695	0.844958	0.5893789	0.2063245
7125000000	0.942477796	-1.256637061	3.6701748	-6.772447745	-0.5770003	-1.902502163	2.328185	0.2102593	0.8755883	0.6452883	0.0639276
7125000000	0.942477796	-1.204277184	3.493606682	-6.457673593	0.891054172	-1.161445477	2.2354279	0.2260646	1.2277372	0.7653418	0.4674595
7125000000	0.942477796	-1.151917306	2.816590701	-5.75069258	2.117929638	-0.51006155	1.9127538	0.2660301	1.6285195	0.8891885	0.6971358
7125000000	0.942477796	-1.095557429	1.519321148	-5.887264729	2.100273641	-0.148268053	1.4188357	0.2577944	1.6219123	0.9664362	0.2785687
7125000000	0.942477796	-1.047197551	1.295945159	-7.061558591	1.03655181	0.064429041	1.347704	0.196718	1.2695657	1.0149459	-0.1898215
7125000000	0.942477796	-0.994837674	2.913534899	-8.10064407	0.151156904	0.316957869	1.9559308	0.1548587	1.035418	1.0757114	0.234499
7125000000	0.942477796	-0.942477796	4.208462883	-8.051152442	0.59393579	0.514703466	2.6353985	0.1566335	1.1115719	1.1258236	0.9945856
7125000000	0.942477796	-0.890117919	4.155585388	-7.67657133	1.151039496	0.298325722	2.6035057	0.170743	1.3034787	1.0711066	1.0964888
7125000000	0.942477796	-0.837758041	2.602613952	-7.546420357	1.003260357	-0.582065977	1.8207964	0.1759364	1.2598709	0.8745676	0.1401322
7125000000	0.942477796	-0.785398163	-0.011498144	-8.000489673	-0.038488849	-1.94793803	0.997356	0.1584715	0.9911768	0.6385666	-1.5714579
7125000000	0.942477796	-0.733038286	-1.596778399	-8.945744517	-0.787929663	-3.225762432	0.6923444	0.1274752	0.8340787	0.4757993	-2.7374207
7125000000	0.942477796	-0.680678408	-1.545741912	-8.388259192	-0.395793358	-4.030803585	0.7005285	0.1449353	0.9128947	0.3952935	-2.6888448
7125000000	0.942477796	-0.628318531	-2.107919934	-6.683597495	-0.00287167	-4.470195514	0.6154716	0.2146052	0.9992434	0.3572658	-2.6229523
7125000000	0.942477796	-2.8867822	-6.170447765	-0.999935657	-4.843076176	-0.5144247	0.5144247	0.2415212	0.79434	0.327863	-0.6392399
7125000000	0.942477796	-0.523598776	-2.301663203	-6.826016678	-3.44764845	-5.55594345	0.5886182	0.2076817	0.4521007	0.2782311	-1.4832571
7125000000	0.942477796	-0.471238898	-1.845463681	-7.531715321	-5.653409399	-6.580326545	0.6538131	0.1765334	0.2720564	0.1927695	-0.8077169
7125000000	0.942477796	-0.41887902	-2.890916412	-8.250921434	-5.940017505	-6.994929408	0.5139352	0.1495918	0.254682	0.1997593	-5.5363049
7125000000	0.942477796	-0.366519143	-4.959878096	-9.571094835	-5.873544474	-6.801871164	0.3191627	0.11038	0.2586101	0.2088396	-6.4927118
7125000000	0.942477796	-0.314159265	-5.604155124	-10.97624385	-6.79637569	-7.147096541	0.2751595	0.0798685	0.209104	0.1928814	-7.229564
7125000000	0.942477796	-0.261799388	-4.670872293	-11.03829617	-7.432294234	-8.239399714	0.3411244	0.0787355	0.180622	0.1998982	-7.2672606
7125000000	0.942477796	-0.20943951	-4.500230461	-9.078442577	-6.930244435	-9.195955879	0.3547946	0.1263931	0.2027569	0.1203373	-6.9814138
7125000000	0.942477796	-0.157079633	-5.160537032	-8.040665771	-6.604981803	-8.768244008	0.3047518	0.1570122	0.2168457	0.1327931	-6.9282346
7125000000	0.942477796	-0.104719755	-5.326223152	-9.488391139	-7.825005538	-7.590388078	0.2933443	0.1035526	0.1650059	0.1741651	-7.3514211
7125000000	0.942477796	-0.052359878	-5.413535724	-10.95931903	-9.694596553	-7.156407437	0.2875057	0.0801804	0.1072853	0.1924683	-7.7647991
7125000000	0.942477796	-4.446-16	-6.404297776	-6.929234943	-9.885710219	-7.705971669	0.2288602	0.202804	0.1026666	0.169591	-7.5453562
7125000000	0.942477796	0.052359878	-7.616014232	-4.648511126	-9.828257521	-8.361503372	0.1731405	0.3429137	0.1040337	0.1458309	-7.1787721
7125000000	0.942477796	0.104719755	-9.268348743	-4.217658364	-9.142112417	-7.803413743	0.1183491	0.3786467	0.1218397	0.1658283	-7.0737637
7125000000	0.942477796	0.157079633	-11.40069326	-4.564215188	-7.414434782	-6.256057278	0.072432	0.3496057	0.1813663	0.2368069	-6.7767171
7125000000	0.942477796	0.20943951	-9.993278028	-4.819433199	-6.580679452	-4.991252167	0.1001549	0.3296527	0.2197507	0.3168654	-6.1689242
7125000000	0.942477796	0.261799388	-8.595360719	-4.076222475	-6.612433066	-4.379034977	0.138186	0.391181	0.2181507	0.364835	-5.5581747
7125000000	0.942477796	0.314159265	-9.398683902	-2.782008828	-6.217297673	-4.035242829	0.1148502	0.526986	0.2389298	0.3948896	-6.3963266
7125000000	0.942477796	0.366519143	-11.12267267	-2.394949737	-5.835203008	-3.602404778	0.0772205	0.5761095	0.2893875	0.4362742	-6.4249835
7125000000	0.942477796	0.41887902	-12.22568721	-3.188852897	-4.943037622	-3.118709906	0.0599006	0.4798602	0.3210674	0.4876733	-6.7220854
7125000000	0.942477796	0.471238898	-12.74474272	-2.952331233	-4.06696405	-2.580840239	0.0531527	0.5067186	0.3462028	0.5519706	-6.3828911
7125000000	0.942477796	0.523598776	-13.29874688	-0.573667649	-3.671088426	-1.80641937	0.046787	0.8762605	0.4294288	0.6597176	-4.9839017
7125000000	0.942477796	0.575958653	-12.04612469	1.121074409	-2.539121591	-0.875839001	0.0624292	1.2945161	0.5572985	0.8173651	-1.6564149
7125000000	0.942477796	0.628318531	-9.970584674	1.13812589	-2.250424852	-0.127542373	0.1006796	1.2996086	0.5956014	0.7105939	-1.2749991
7125000000	0.942477796	0.680678408	-9.381821717	-0.259892494	-2.81402392	0.26124583	0.115297	0.9419129	0.5233107	1.0620002	-1.8004159
7125000000	0.942477796	0.730308286	-8.199229296	-1.340042513	-2.853605254	0.384537469	0.151383	0.7340567	0.1583642	1.0925813	-2.0467013
7125000000	0.942477796	0.782598196	-6.285208974	0.141260137	-1.72828157	0.465769789	0.2352226	1.0330611	0.6716946	1.1132097	-1.7306644
7125000000	0.942477796	0.837758041	-5.541583952	2.146623709	-0.895075572	0.659799607	0.2791526	1.6392481	0.8137527	1.1640723	-1.0139583
7125000000	0.942477796	0.89017919	-5.316332037	3.057021285	-1.477160738	0.930680089	0.2940132	2.0126321	0.7116786	1.2389906	-0.2799288
7125000000	0.942477796	0.942477796	-4.396245299	2.891435517	-2.697316113	1.143116861	0.3633921	1.9460032	0.5373638	1.301103	0.1576432
7125000000	0.942477796	0.994837674	-3.471996145	2.294161075	-2.260048986	1.207152981	0.4495732	1.695962	0.5942855	1.3204297	0.0649282
7125000000	0.942477796	1.047197551	-3.059217031	1.989497153	-0.175960333	1.083986105	0.4943998	1.581065	0.9602935	1.2835081	0.3335
7125000000	0.942477796	1.095557429	-2.871153682	2.008758698	1.284011246	0.749915297	0.5162792	1.5880928	1.3440057	1.188479	0.6416369
7125000000	0.942477796	1.151917306	-2.929470213	2.135606105	1.073264297	0.205325061	0.509393	1.6351613	1.340684	1.0484133	0.5438815
7125000000	0.942477796	1.204277184	-3.016420667	2.531499873	1.273170377	-0.471166949	0.4992958	1.7912244	1.1757556	0.8971872	0.3777123
7125000000	0.942477796	1.256637061	-2.376735355	3.168931551	1.110923515	-1.082651638	0.5785283	2.0744031	1.2914939	0.7793541	0.7222962
7125000000	0.942477796	1.308996939	-1.214670175	3.594796911	2.342526835	-1.414746526	0.7560195	2.2881247	1.7149548	0.7219803	1.3680609
7125000000	0.942477796	1.361356817	-0.652653172	3.449114481	2.986128996	-1.426943091	0.8604679	2.2126435	1.9888998	0.7199556	1.600156
7125000000	0.942477796	1.413716694	-1.041328706	2.639604189	2.414441774	-1.361320806	0.786805	1.8361427	1.7435892	0.7309168	1.052933
7125000000	0.942477796	1.466076572	-1.57415956	1.240250526	1.045032364	-1.514173735	0.6959596	1.3050312	1.2720472	0.7056391	0.0045329
7125000000	0.942477796	1.518436449	-1.261045885	-0.442939408	-0.093983413	-1.853421449	0.7479893	1.9030381	0.978592	0.6526162	-0.8589024
7125000000	0.942477796	1.570796327	-0.417420402	-1.615433629	-2.065687563	-0.9083599	0.9083599	0.6893768	0.9088322	0.6214859	-1.0678563
7125000000	0.942477796	1.623156204	-0.168783761	-1.666927209	-0.433155508	-2.050028494	0.9618816	0.6812512	0.9050748	0.6237307	-1.0073526
7125000000	0.942477796	1.675516082	-1.0								

7125000000	0.994837674	-2.251474735	-5.07988465	-6.807930396	-9.921344754	-5.726174299	0.3104642	0.2085484	0.1018276	0.2675362	-6.5346295
7125000000	0.994837674	-2.199114858	-5.167442394	-6.993488561	-7.955628013	-6.782508584	0.3042676	0.1998256	0.1601169	0.2097728	-6.6055704
7125000000	0.994837674	-2.14675498	-6.7001573	-8.370696777	-7.684625511	-7.677128302	0.2137885	0.1455134	0.1704266	0.1077211	-7.566831
7125000000	0.994837674	-2.094395102	-7.598720796	-10.49504601	-8.214444225	-6.651259378	0.1738313	0.0892268	0.1508536	0.2162091	-8.0263617
7125000000	0.994837674	-2.042035225	-5.208138863	-10.60120807	-7.460008474	-4.337153477	0.3014298	0.0807021	0.179473	0.0637309	-6.3062699
7125000000	0.994837674	-1.989675347	-3.727514663	-8.346379454	-5.380319428	-1.530198775	0.4238855	0.1463397	0.289713	0.551831	-4.5229628
7125000000	0.994837674	-1.93731547	-3.333966689	-6.642220245	-4.023895518	-2.843805131	0.4640912	0.2166596	0.3959227	0.6540629	-3.6382906
7125000000	0.994837674	-1.884955592	-2.560482928	-6.143080797	-4.098134438	-1.913300868	0.554564	0.2430479	0.3892123	0.6436798	-3.3948928
7125000000	0.994837674	-1.832595715	-1.361412308	-6.205352147	-4.921470296	-2.219861675	0.7309014	0.2395878	0.3219978	0.5998102	-3.2507064
7125000000	0.994837674	-1.780235837	-0.450610325	-5.665755257	-4.948112964	-2.152528021	0.9014444	0.2712842	0.3200285	0.6091822	-2.7943981
7125000000	0.994837674	-1.72787596	0.118864765	-4.524483679	-3.724503496	-1.868518582	1.0277476	0.3528187	0.4241795	0.6503515	-2.1199128
7125000000	0.994837674	-1.675516082	0.51477013	-3.789135726	-2.61311597	-1.972048738	1.1258409	0.4179135	0.5478837	0.6350313	-1.664275
7125000000	0.994837674	-1.623156204	0.641278906	-3.859642464	-2.549706294	-2.587855389	1.1591186	0.4111836	0.5559419	0.5510798	-1.7435909
7125000000	0.994837674	-1.570796327	0.796722384	-4.322323655	-3.045048657	-3.103129936	1.2013574	0.3696304	0.4960154	0.489426	-1.9442623
7125000000	0.994837674	-1.518436449	1.795847347	-4.427767191	-2.599544157	-2.784919039	1.5121147	0.3607641	0.5495986	0.526633	-1.3236897
7125000000	0.994837674	-1.466076572	3.435118204	-3.915703103	-1.047349069	-1.991094534	2.2055242	0.4059099	0.7857151	0.6322525	-1.0318057
7125000000	0.994837674	-1.413716694	4.596163264	-3.304360974	0.052212112	-1.534378742	2.8814848	0.4672657	1.0120948	0.7023638	-1.0263587
7125000000	0.994837674	-1.361356817	4.825903219	-3.289034137	-0.175480176	-1.654997365	3.0380179	0.4689177	0.9603996	0.6831251	-1.0978605
7125000000	0.994837674	-1.308996939	4.513125095	-3.925189313	-1.049701267	-1.984019884	2.8269134	0.4050243	0.7852896	0.6332833	-0.6544065
7125000000	0.994837674	-1.256637061	4.362773194	-4.475507504	-0.872281112	-1.973483419	2.7307209	0.35682	0.8152244	0.6348215	-0.5476497
7125000000	0.994837674	-1.204277184	4.380477469	-4.264964057	0.513287267	-1.527105957	2.7418756	0.3745446	1.1254565	0.703541	-0.9214299
7125000000	0.994837674	-1.151917306	3.815417403	-3.820661777	1.695384139	-0.959157647	2.4073639	0.4148908	1.4775372	0.8018336	-1.0564858
7125000000	0.994837674	-1.099557429	2.357758241	-4.09938785	1.74124285	-0.466250123	1.72098	0.3891	1.4839268	0.898204	-1.0040484
7125000000	0.994837674	-1.047197551	1.503483666	-5.267755003	0.753111284	-0.000797124	1.4136711	0.2973203	1.189354	0.9998165	-0.1097737
7125000000	0.994837674	-0.94837674	2.742928183	-6.412347414	-0.016398354	0.450112544	1.8805844	0.2284364	0.9962313	1.1092036	-0.2268149
7125000000	0.994837674	-0.942477796	3.97650766	-6.704105463	0.368540437	0.682541611	2.4983355	0.2135942	1.0885642	1.170184	-0.9345563
7125000000	0.994837674	-0.890117919	3.891641562	-6.666359306	1.089383072	0.381746894	2.4499891	0.2154587	1.2851041	1.0918794	-1.0058001
7125000000	0.994837674	-0.837758041	2.346349639	-6.740377954	0.936109746	-0.633858198	1.716465	0.2181177	1.2405406	0.8641998	-0.0357072
7125000000	0.994837674	-0.785398163	-0.055371645	-7.028424189	-0.123145444	-2.173362083	0.9873311	0.1982246	0.972043	0.6062668	-1.6054308
7125000000	0.994837674	-0.733038286	-1.246221211	-7.478383162	-0.836525685	-3.666541071	0.750547	0.1787153	0.8247977	0.4298787	-2.6281957
7125000000	0.994837674	-0.680678408	-1.128880568	-7.234860068	-0.350594258	-4.658051213	0.7711022	0.1890227	0.926703	0.3421329	-1.5395755
7125000000	0.994837674	-0.628318531	-1.824108361	-6.331885378	0.20005472	-5.177160045	0.657036	0.2327081	1.0471417	0.3035876	-2.517022
7125000000	0.994837674	-0.575958653	-2.950400199	-6.004172502	-0.601461177	-5.566601553	0.506944	0.2488014	0.8706706	0.2775491	-3.2240101
7125000000	0.994837674	-0.523598776	-2.633073452	-6.546175888	-2.711530975	-6.245262198	0.5453718	0.2215044	0.5356078	0.2373962	-1.4457305
7125000000	0.994837674	-0.471238898	-2.146375312	-7.312081441	-4.58980104	-7.052125121	0.6100458	0.1856914	0.3475521	0.1971458	-4.74841419
7125000000	0.994837674	-0.41887902	-3.11293752	-8.437207836	-4.993746021	-0.7077122541	0.488322	0.1433109	0.3166835	0.1960143	-5.4350847
7125000000	0.994837674	-0.366519143	-5.139377898	-10.11563474	-5.272841706	-6.647458267	0.3062402	0.0973723	0.2969722	0.2163985	-6.3969859
7125000000	0.994837674	-0.314159265	-5.68833199	-11.49223738	-6.909876558	-6.24979212	0.2698776	0.1079212	0.2249277	0.20371	-7.5453681
7125000000	0.994837674	-0.261799388	-4.60896427	-11.17454298	-7.241264776	-7.976354638	0.3460219	0.0763037	0.1887442	0.1593546	-6.1532999
7125000000	0.994837674	-0.20943951	-4.37289313	-9.033510811	-6.764489681	-8.953615732	0.3653513	0.1249249	0.2106449	0.1722443	-6.8394287
7125000000	0.994837674	-0.157079633	-5.1022949	-7.993456579	-6.544315612	-8.619417415	0.3088663	0.1587283	0.2215939	0.1374226	-6.847559
7125000000	0.994837674	-0.104719755	-5.369771795	-9.777267049	-7.794013517	-7.541821073	0.2904175	0.1052624	0.1661853	0.1761237	-6.745871
7125000000	0.994837674	-0.052359878	-5.428360032	-10.91684246	-9.657702084	-7.159976302	0.286526	0.0809684	0.1082006	0.1932102	-7.7728011
7125000000	0.994837674	-4.44E-16	-6.404297509	-6.929235034	-9.885710224	-7.705971605	0.2288602	0.202804	0.1026666	0.169591	-7.5453568
7125000000	0.994837674	0.052359878	-7.69062363	-4.632064721	-9.83557308	-8.294175308	0.1701914	0.3441863	0.1038571	0.1481093	-7.1763617
7125000000	0.994837674	0.104719755	-9.335224743	-4.250283083	-9.120721991	-7.666069437	0.1165407	0.3758129	0.1224413	0.1711564	-7.066644
7125000000	0.994837674	0.157079633	-11.35783887	-4.675582996	-7.466650452	-6.070974954	0.0731503	0.3407546	0.1791987	0.2471169	-6.7766669
7125000000	0.994837674	0.20943951	-10.13629941	-4.816446004	-6.700311355	-4.758940293	0.0969103	0.3298796	0.2137809	0.3342766	-6.1312337
7125000000	0.994837674	0.261799388	-8.984686732	-3.936238826	-6.648057385	-4.154544744	0.1263372	0.4039951	0.2164808	0.3841975	-5.485933
7125000000	0.994837674	0.314159265	-9.997046568	-2.765903818	-6.085560778	-3.940602626	0.100068	0.5289439	0.2462314	0.5052894	-4.9524626
7125000000	0.994837674	0.366519143	-11.63449485	-2.502910629	-5.205217949	-3.713823053	0.0686358	0.5619646	0.2985233	0.4252389	-4.3392962
7125000000	0.994837674	0.41887902	-12.40072429	-3.224962616	-4.939304086	-3.390833428	0.0575344	0.4758869	0.3206741	0.4580454	-4.840767
7125000000	0.994837674	0.471238898	-12.57173433	-2.928855794	-4.786109356	-2.899276548	0.0553129	0.5094651	0.3321919	0.5129468	-4.8286652
7125000000	0.994837674	0.523598776	-12.32838022	-0.723192872	-3.943347678	-2.010105288	0.0585008	0.8466048	0.4033344	0.6294909	-3.1472171
7125000000	0.994837674	0.575958653	-10.95721821	0.945620452	-2.829184001	-0.841590673	0.0802192	1.2432602	0.5212926	0.8238363	-1.7577515
7125000000	0.994837674	0.628318531	-9.465652274	1.149018955	-2.555654836	0.153035925	0.1130928	1.3028724	0.5551809	1.035866	-1.2392841
7125000000	0.994837674	0.680678408	-9.387175001	0.210417298	-3.132770754	0.720957995	0.1151549	1.0496433	0.486104	1.180581	-1.5004599
7125000000	0.994837674	0.733038286	-8.77387985	-0.303047671	-3.155405295	0.931547238	0.1326209	0.9325996	0.4835651	1.239238	-1.5676354
7125000000	0.994837674	0.780539816	-6.900698662	1.0672421	-1.998982632	0.104081082	0.2041409	1.2785691	0.6309729	1.2630138	-1.5675693
7125000000	0.994837674	0.837758041	-5.931859559	2.662945328	-1.174757658	1.135533284	0.2551609	1.8462671	0.7629995	1.298833	0.1737359
7125000000	0.994837674	0.890117919	-5.54136695	3.120659919	-1.812591294	1.278286282	0.2791665	2.0514739	0.6587807	1.3422352	0.34594
7125000000	0.994837674	0.942477796	-4.774904899	2.416069489	-3.094835285	1.35082102	0.3330501	1.7442428	0.4903616	1.3684111	-0.7391174
7125000000	0.994837674	0.994837674	-4.251574755	1.53731818	-2.626321401	1.318511686	0.3757012	1.4247275	0.54622	1.3547251	-0.3369705
7125000000	0.994837674	0.947197551	-4.344367283	1.675169471	-0.444251605	1.184878738	0.367759	1.4706758	0.9027654	1.3136748	0.0591747
7125000000	0.994837674	1.099557429	-4.469167647	2.20464003	1.107246095	0.917179042	0.3573413	1.661361	1.2904008	1.2351449	0.5540203
7125000000	0.994837674	1.151917306	-4.50274551	2.360502166	1.211901736	0.434465933	0.3545892	1.7220677	1.3216278	1.1052121	0.5148987
7125000000	0.994837674	1.204277184	-4.360982668	2.527500513	0.771646912	-0.260393346	0.3663547	1.7895756	1.194441	0.9418043	0.3061748
7125000000	0.994837674	1.2563601376									

7125000000	1.047197551	-2.670353756	-7.970943174	-6.766019396	-10.90289089	-8.365363935	0.15955533	0.2105708	0.081229	0.1457014	-8.2604613
7125000000	1.047197551	-2.617993878	-7.058996484	-6.574847372	-12.09718766	-8.900380042	0.1968341	0.2200469	0.0616994	0.1288137	-8.185894
7125000000	1.047197551	-2.565634	-9.595746554	-5.714143577	-12.48930972	-9.168099562	0.1097553	0.2367299	0.1439687	0.1211128	-8.5736066
7125000000	1.047197551	-2.513274123	-12.323372	-5.936649255	-12.98467054	-8.498375722	0.0585683	0.2548796	0.0502959	0.1413066	-8.7827522
7125000000	1.047197551	-2.460914245	-10.20482743	-7.92256991	-13.09600102	-7.321151732	0.0953932	0.1613404	0.049023	0.185306	-9.1092496
7125000000	1.047197551	-2.408554368	-8.148475614	-9.812248284	-12.28894662	-6.488694309	0.1531625	0.104418	0.0590344	0.2244557	-8.886061
7125000000	1.047197551	-2.35619449	-7.73859274	-8.913445836	-12.06651517	-6.447313564	0.1873329	0.1284267	0.0621367	0.2266046	-8.206601
7125000000	1.047197551	-2.303834613	-7.152534866	-7.319191538	-11.92302408	-7.197647069	0.19264	0.1853877	0.064224	0.1906493	-8.0072417
7125000000	1.047197551	-2.251474735	-6.82908962	-6.395377855	-10.1149298	-8.24766669	0.2075349	0.2293307	0.0973884	0.149704	-7.6703063
7125000000	1.047197551	-2.199114858	-6.623140233	-6.257468581	-8.41731906	-8.594790311	0.2176136	0.2367299	0.1439687	0.1382041	-7.3487763
7125000000	1.047197551	-2.14675498	-7.961768009	-6.853380333	-8.262639686	-7.599440204	0.1598907	0.2063773	0.1491887	0.1738025	-7.636774
7125000000	1.047197551	-2.094395102	-8.661942135	-8.05761851	-8.667116512	-5.68586911	0.1360836	0.1564005	0.1359216	0.2700307	-7.5793317
7125000000	1.047197551	-2.042035225	-5.756319898	-9.144659612	-7.624567016	-3.741510926	0.2658656	0.1217682	0.1727998	0.4225216	-6.0960578
7125000000	1.047197551	-1.989675347	-3.810766812	-8.710457588	-5.358777671	-2.45669139	0.4158372	0.1345719	0.2911536	0.5679771	-4.5298264
7125000000	1.047197551	-1.93731547	-2.943649508	-7.571919766	-3.827875134	-2.10630678	0.5077326	0.1749073	0.4142023	0.6157002	-3.6841864
7125000000	1.047197551	-1.884955592	-1.892617662	-7.264137891	-3.702621805	-2.585483482	0.6467527	0.1877527	0.4263221	0.5513808	-3.4385188
7125000000	1.047197551	-1.832595715	-0.598874759	-7.548995744	-4.184333006	-3.231579182	0.8711893	0.175833	0.3615403	0.4751624	-3.2704249
7125000000	1.047197551	-1.780235837	0.424371049	-6.986931113	-4.655034303	-3.110956131	1.1026485	0.2001273	0.3423707	0.4885448	-2.7928635
7125000000	1.047197551	-1.72787596	1.073757727	-5.599811367	-3.834152767	-2.513977416	1.2804888	0.2754348	0.413604	0.5605344	-1.9892883
7125000000	1.047197551	-1.675516082	1.409077817	-4.662796249	-2.99582672	-2.330890522	1.3832726	0.3417593	0.5016691	0.5846702	-1.531418
7125000000	1.047197551	-1.623156204	1.356575901	-4.498731226	-3.100013333	-2.639747095	1.3666509	0.3549171	0.4897773	0.5445344	-1.6179975
7125000000	1.047197551	-1.570796327	1.219697083	-4.542424502	-3.741153835	-2.760378634	1.3242492	0.3513642	0.4225563	0.5296713	-1.8246983
7125000000	1.047197551	-1.518436449	1.879045524	-4.120125222	-3.347398569	-2.237213961	1.5413617	0.3872465	0.4626581	0.5974184	-1.2657391
7125000000	1.047197551	-1.466076572	3.333255506	-3.181803174	-1.729277831	-1.596992801	2.1543961	0.4806397	0.6715405	0.6923102	-0.0012091
7125000000	1.047197551	-1.413716694	4.436493377	-2.277932246	-0.548905796	-1.463231843	2.7774698	0.5918434	0.8812708	0.7139648	-0.9381979
7125000000	1.047197551	-1.361356817	4.647247659	-2.000984278	-0.710134864	-1.948665039	2.9155787	0.6308144	0.8491541	0.6384597	-0.9885381
7125000000	1.047197551	-1.308996939	4.381845237	-2.360639827	-0.548905796	-2.681538903	2.7427393	0.6806789	0.702065	0.5393195	-0.5732601
7125000000	1.047197551	-1.256637061	4.423941917	-2.757222111	-1.380083494	-3.131438398	2.7694542	0.5300023	0.7277658	0.4862461	0.5254053
7125000000	1.047197551	-1.204277184	4.707155065	-2.649364088	-0.039530316	-3.116621125	2.9560754	0.5433299	0.9909391	0.4879079	-0.501691
7125000000	1.047197551	-1.151917306	4.533971257	-2.412160443	1.086349077	-2.74979034	2.7251921	0.5738309	1.2842066	0.5309101	1.067126
7125000000	1.047197551	-1.099557429	2.952556577	-2.873708117	1.100255689	-2.089502582	1.9735842	0.5159756	1.2883254	0.6180872	-0.4909497
7125000000	1.047197551	-1.047197551	1.754212267	-4.278984906	0.181373683	-1.20790634	1.4976876	0.3733374	1.0426472	0.7571978	-0.3729099
7125000000	1.047197551	-0.994837674	2.571937479	-5.833908171	-0.51781426	-0.411517152	1.8079805	0.2690812	0.8876026	0.9095955	-0.1478019
7125000000	1.047197551	-0.942477796	3.640993463	-6.44348072	-0.047277424	-0.070330033	2.3125937	0.2268046	0.989173	0.9839363	0.5235797
7125000000	1.047197551	-0.890117919	3.464175157	-6.454666862	0.738952277	-0.415407743	2.2203299	0.2262212	1.1854835	0.908781	-0.5507388
7125000000	1.047197551	-0.837758041	1.929163444	-6.435025187	0.605044776	-1.456083796	1.5592521	0.2272466	1.1494881	0.7511409	-0.3963290
7125000000	1.047197551	-0.785398163	-0.106972896	-6.444758753	-0.462746256	-2.883647111	0.9756695	0.2267379	0.898929	0.5147961	-1.8440026
7125000000	1.047197551	-0.733038286	-0.762656798	-6.568741471	-1.13076148	-4.248147593	0.8389466	0.2203565	0.7707683	0.3759977	-0.5844087
7125000000	1.047197551	-0.680678408	-0.628234757	-6.535053158	-0.498607641	-5.344615664	0.8653196	0.2202725	0.8915367	0.2921046	-2.4583648
7125000000	1.047197551	-0.628318531	-1.541137027	-6.213107549	0.171909144	-6.101635835	0.7012717	0.2391604	1.0403774	0.3543784	-2.5448917
7125000000	1.047197551	-0.575985653	-3.059327478	-6.175755993	-0.445113858	-6.623137706	0.4943872	0.2412262	0.902586	0.2176137	-3.332575
7125000000	1.047197551	-0.523598776	-2.966277471	-6.65896299	-2.245529925	-2.776549876	0.5050941	0.215826	0.5962756	0.187217	-2.469303
7125000000	1.047197551	-0.471238898	-2.379732502	-7.541910172	-3.812742909	-7.838363787	0.5781317	0.1761201	0.4154684	0.1644491	-4.7677431
7125000000	1.047197551	-0.41887902	-3.244800577	-9.04413047	-4.240745641	-7.445503343	0.4737181	0.1246198	0.3766391	0.800734	-3.5945906
7125000000	1.047197551	-0.366519143	-5.253058327	-11.07664205	-4.756776196	-6.725462367	0.2983281	0.0780433	0.3344432	0.2125464	-6.3668844
7125000000	1.047197551	-0.314159265	-5.764555399	-12.327275959	-6.192460417	-6.820480313	0.2651823	0.0585159	0.2403001	0.2079467	-7.1447366
7125000000	1.047197551	-0.261799388	-4.57230153	-11.46487085	-7.085889364	-7.762593765	0.3489553	0.0713695	0.195619	0.1673943	-7.081107
7125000000	1.047197551	-0.20943951	-4.274565345	-9.052892702	-6.644563867	-6.865871491	0.3737175	0.1243686	0.2165427	0.1353358	-6.726591
7125000000	1.047197551	-0.157079633	-5.053017148	-7.978874607	-6.488048881	-8.440008814	0.3123908	0.1592621	0.224458	0.1432185	-6.7812713
7125000000	1.047197551	-0.104719755	-5.413365452	-9.722241659	-7.787811376	-7.482349023	0.287517	0.1066046	0.1664251	0.1785522	-7.333575
7125000000	1.047197551	-0.052359878	-5.44575591	-10.86351592	-6.92548106	-7.161636515	0.2853806	0.0819688	0.1090064	0.1923267	-7.7689854
7125000000	1.047197551	-4.446-16	-6.404297362	-6.929235228	-8.985710489	-7.705971762	0.2288602	0.202804	0.1026665	0.1659591	-7.5453562
7125000000	1.047197551	0.052359878	-7.763801999	-4.619851017	-9.845011202	-8.216071967	0.1673477	0.3451556	0.1036332	0.150797	-7.1370227
7125000000	1.047197551	0.104719755	-9.390678251	-4.284058076	-9.126983167	-7.497947552	0.1150621	0.3729016	0.1222649	0.177912	-7.0545635
7125000000	1.047197551	0.150797633	-11.31517453	-4.78802976	-7.582691359	-5.89565324	0.0738725	0.3320451	0.1744741	0.2594387	-5.4377018
7125000000	1.047197551	0.20943951	-10.35012612	-4.811524033	-6.901328226	-4.523501647	0.0922545	0.3302536	0.2041114	0.3032885	-6.1104758
7125000000	1.047197551	0.261799388	-9.489871512	-3.794837434	-6.71633163	-3.946640514	0.1124638	0.4173652	0.2107835	0.4030287	-5.4377018
7125000000	1.047197551	0.314159265	-10.73564086	-2.726542617	-6.044572085	-3.875014846	0.0844182	0.3537596	0.2486329	0.4097307	-4.9602816
7125000000	1.047197551	0.366519143	-12.15102278	-2.544673031	-5.209548017	-3.881748054	0.0609393	0.5565865	0.301332	0.409096	-7.8887703
7125000000	1.047197551	0.41887902	-12.51271781	-3.126243324	-5.039329077	-3.767511774	0.0560697	0.4868281	0.313377	0.4199995	-4.9611595
7125000000	1.047197551	0.471238898	-12.56171955	-2.8056641	-5.05462415	-3.373301277	0.0554406	0.5241234	0.3122753	0.4599068	-4.7116484
7125000000	1.047197551	0.523598776	-11.78180987	-0.906045787	-4.293400779	-2.421272233	0.0663467	0.8116998	0.3721002	0.5726283	-3.4132695
7125000000	1.047197551	0.575958653	-10.2292089	0.660225444	-3.198099728	-1.079822435	0.0948591	1.1641865	0.4788396	0.779862	-2.0104788
7125000000	1.047197551	0.628318531	-9.125247423	1.054032196	-2.946707584	0.087633963	0.1223137	1.274686	0.5073752	1.020383	-1.3597
7125000000	1.047197551	0.680678408	-9.391263798	0.650849556	-3.504589057	0.77624717	0.1150466	1.1616758	0.4462118	1.1957068	-1.368793
7125000000	1.047197551	0.733038286	-9.199715027	0.752662117	-3.39824608	1.048728375	0.1202343	1.189231	0.4572119	1.2731303	-1.1921391
7125000000	1.047197551	0.785398163	-7.458001827	2.087798465	-2.090641025	1.136391429	0.179556	1.61726	0.6179252	1.2990897	-0.3232787
7125000000	1.047197551	0.837758041	-6.3114								

7125000000	1.099557429	-3.089232776	-20.25416333	-15.23125188	-14.3404445	-16.28488746	0.0094316	0.029983	0.0368091	0.023524	-16.031572
7125000000	1.099557429	-3.036872899	-16.72118507	-12.10325393	-15.36862106	-12.09262909	0.0212756	0.0616133	0.0290494	0.0617633	-13.622559
7125000000	1.099557429	-2.984513021	-16.03019338	-8.109374193	-9.553242131	-9.553242131	0.0249448	0.155477	0.0159949	0.1108347	-11.558816
7125000000	1.099557429	-2.932153143	-18.096149	-7.548771275	-18.61292128	-8.690391287	0.0155019	0.1758421	0.0137628	0.1351951	-10.701956
7125000000	1.099557429	-2.879793266	-18.06632088	-9.637392014	-16.21339165	-9.039908785	0.0156087	0.1087078	0.0239145	0.124741	-11.659419
7125000000	1.099557429	-2.827433388	-14.78546028	-9.77728482	-12.09094273	-9.680238844	0.0332242	0.105262	0.0629645	0.1076406	-11.119733
7125000000	1.099557429	-2.77053111	-12.49446548	-7.948341717	-9.329652785	-9.618754292	0.0563058	0.1603858	0.01166093	0.1091753	-9.5609054
7125000000	1.099557429	-2.722713633	-12.34513788	-7.110504687	-9.062767944	-9.208295392	0.0582755	0.1945134	0.1240861	0.119997	-9.0581541
7125000000	1.099557429	-2.670353756	-10.09830611	-7.218750475	-10.26683564	-9.130860983	0.0977618	0.1897252	0.0940408	0.1221557	-8.9990219
7125000000	1.099557429	-2.617993878	-8.819200208	-6.907768028	-11.50475782	-9.049776788	0.1312442	0.2038089	0.0707171	0.1244579	-8.7759733
7125000000	1.099557429	-2.565634	-10.85578241	-5.753848983	-12.30259603	-8.497454457	0.0821149	0.2658368	0.0588492	0.1413366	-8.6317055
7125000000	1.099557429	-2.513274123	-13.89606488	-5.568126107	-12.73835453	-7.754505145	0.040775	0.2774517	0.053231	0.1677063	-8.7033911
7125000000	1.099557429	-2.460914245	-13.20174083	-7.177864279	-12.17276048	-7.23813093	0.0478438	0.1941841	0.0606351	0.1888804	-9.1049815
7125000000	1.099557429	-2.408554368	-11.76899778	-9.36023836	-11.19971584	-7.263399297	0.0665427	0.1158714	0.0758627	0.1877846	-9.5266534
7125000000	1.099557429	-2.35619449	-10.82152563	-9.153381072	-11.13239716	-8.102017794	0.0827651	0.121524	0.0770478	0.1548097	-9.6242748
7125000000	1.099557429	-2.303834613	-9.87479329	-7.337290795	-11.56107798	-9.475007919	0.102925	0.1846167	0.0698059	0.1128494	-9.2978023
7125000000	1.099557429	-2.251474735	-8.126739105	-6.195908246	-10.35007591	-9.681548282	0.153931	0.2401094	0.0922555	0.1076082	-8.2834368
7125000000	1.099557429	-2.199114858	-6.667954189	-5.777452808	-8.728228422	-8.162152594	0.2153796	0.2643959	0.1340223	0.1526809	-7.1755987
7125000000	1.099557429	-2.14675498	-6.93781886	-5.668949462	-8.59832755	-6.642059038	0.2024035	0.2710847	0.1380914	0.1266677	-6.8389993
7125000000	1.099557429	-2.094395102	-7.909637702	-5.882723329	-8.943389366	-5.552989536	0.1618215	0.2580641	0.1275443	0.2784204	-6.8515864
7125000000	1.099557429	-2.042035225	-6.705960236	-6.367481941	-7.810944563	-4.618078547	0.213503	0.2308085	0.165541	0.3452965	-6.2198888
7125000000	1.099557429	-1.989675347	-5.244556171	-6.382533213	-5.496233591	-3.984154117	0.2989127	0.23001	0.2820828	0.3995624	-5.1907084
7125000000	1.099557429	-1.93731547	-4.315275734	-5.932798933	-3.864693563	-4.055674738	0.3702307	0.2551057	0.4010756	0.3930362	-4.4700401
7125000000	1.099557429	-1.884955592	-2.949084376	-6.102488325	-3.579919416	-4.83902671	0.5070976	0.2453303	0.4385388	0.3281688	-4.2046346
7125000000	1.099557429	-1.823955151	-1.226652106	-7.038018708	-4.134383859	-5.319972623	0.7539365	0.1977872	0.3859772	0.2937668	-3.8948151
7125000000	1.099557429	-1.780235837	0.277572524	-7.338883807	-4.345239544	-4.425678335	1.0660001	0.184549	0.3676851	0.3609376	-3.0557649
7125000000	1.099557429	-1.72787596	1.348283548	-6.402222123	-3.686377498	-3.244919029	1.3640439	0.2289696	0.4279197	0.4737051	-2.0505426
7125000000	1.099557429	-1.675516082	1.916391907	-5.650243238	-3.035066707	-2.775536912	1.5546735	0.2722549	0.4971567	0.5277772	-1.4693224
7125000000	1.099557429	-1.623156204	1.914520625	-5.630300742	-3.205201053	-2.86204461	1.5540038	0.2735079	0.4671753	0.5173633	-1.5303691
7125000000	1.099557429	-1.570796327	1.660474049	-5.578096014	-4.133311208	-2.83600251	1.4657078	0.2768155	0.3860725	0.5204749	-1.7896645
7125000000	1.099557429	-1.518436449	1.979865945	-4.720325564	-3.868634608	-2.405587928	1.5775626	0.3372623	0.4103331	0.5747	-1.3968327
7125000000	1.099557429	-1.466076572	3.061927459	-3.333109479	-2.245802574	-2.01853554	2.0239172	0.4641828	0.5962381	0.6282702	-1.3238086
7125000000	1.099557429	-1.4137116694	3.928976403	-2.125132503	-1.01461553	-2.132937647	2.4711416	0.6130371	0.7916595	0.6119363	-0.9977014
7125000000	1.099557429	-1.361356817	3.990660126	-1.635980817	-1.117531536	-2.786609729	2.5064902	0.6861229	0.7731199	0.5264281	-0.5039533
7125000000	1.099557429	-1.308996939	3.685153783	-1.815898341	-1.893598961	-3.616761304	2.3362288	0.6582793	0.6466066	0.4384834	-0.0816875
7125000000	1.099557429	-1.256637061	3.904631213	-2.111672132	-1.756807219	-4.17148656	2.457328	0.6672972	0.6826937	0.3826937	-0.1307527
7125000000	1.099557429	-1.2042777184	4.482385903	-2.0475974	-0.49847721	-4.328958346	2.8069753	0.62408	0.8915635	0.3690661	-0.626884
7125000000	1.099557429	-1.151917306	4.394803269	-1.915919499	0.52600202	-4.17423953	2.750935	0.6432919	1.1287563	0.3824512	-0.886174
7125000000	1.099557429	-1.099557429	3.209001786	-2.518553473	0.462719715	-3.665893071	2.0936312	0.5599441	1.1124282	0.4299428	-0.2076992
7125000000	1.099557429	-1.047197551	2.00100349	-4.245597891	-0.492605157	-2.775067707	1.5852594	0.7361286	0.8927698	0.527829	-0.7676703
7125000000	1.099557429	-0.994837674	2.475574457	-6.427131763	-1.176605326	-1.883088743	1.7683061	0.22766	0.7626749	0.6481733	-0.6971152
7125000000	1.099557429	-0.942477796	3.268332093	-7.40330993	-0.64037395	-1.488191947	2.1224292	0.1818315	0.8629043	0.7098721	-0.1356005
7125000000	1.099557429	-0.890117919	2.916804205	-7.206104518	0.208161404	-1.773009713	1.9574038	0.1902784	1.0490982	0.6648123	-0.1529353
7125000000	1.099557429	-0.837758041	1.378555072	-6.840753575	0.091297898	-2.538518218	1.3735849	0.2069782	1.0212446	0.5573759	-1.0248512
7125000000	1.099557429	-0.785398163	-0.195177075	-6.492728756	-0.98757523	-3.39825001	0.9560537	0.2242472	0.7966004	0.4572724	-2.1507707
7125000000	1.099557429	-0.733038286	-0.314479698	-6.369821574	-1.60750145	-2.28308396	0.9301479	0.2306842	0.6906371	0.3729234	-2.5484856
7125000000	1.099557429	-0.680678408	-0.199665966	-6.444093422	-0.852959377	-5.382898946	0.955066	0.2267726	0.8216825	0.289541	-2.4164415
7125000000	1.099557429	-0.628318531	-1.357560295	-6.455830108	-0.06023656	-6.525267509	0.7315499	0.2261606	0.9862258	0.2225734	-2.6629395
7125000000	1.099557429	-0.575958653	-3.247311032	-6.571297062	-0.515733143	-7.433633255	0.4734443	0.2202269	0.8880281	0.850663	-3.1559865
7125000000	1.099557429	-0.523598776	-3.25852136	-7.061760783	-2.036476592	-8.294022869	0.4722238	0.1967089	0.6256801	0.1481145	-4.4287574
7125000000	1.099557429	-0.471238898	-2.497634096	-8.116286964	-3.309156964	-8.854697605	0.5626478	0.1543018	0.46675	0.301758	-4.8350583
7125000000	1.099557429	-0.41887902	-3.256328174	-10.06003444	-3.698178327	-8.174660467	0.4724623	0.0986272	0.4267585	0.1522418	-5.4132824
7125000000	1.099557429	-0.366519143	-5.273315206	-12.53317711	-4.359626219	-7.122989817	0.2969398	0.0558062	0.3664691	0.193955	-6.1508821
7125000000	1.099557429	-0.314159265	-5.818208512	-13.51062453	-9.56361643	-6.958689843	0.19621263	0.0445592	0.2537253	0.2014332	-7.2030793
7125000000	1.099557429	-0.261799388	-4.561255862	-11.8901963	-6.795212558	-6.498411917	0.349844	0.0647113	0.2010422	0.170627	-7.0651336
7125000000	1.099557429	-0.20943951	-4.208571611	-9.131088794	-6.568423934	-8.464922007	0.3794398	0.1221493	0.2203726	0.1423993	-6.6536487
7125000000	1.099557429	-0.157079633	-5.016675086	-7.995278367	-6.471105131	-8.264027434	0.3150159	0.1586617	0.2253666	0.1491411	-7.3569627
7125000000	1.099557429	-0.104719755	-5.457648982	-9.681458203	-7.805617653	-7.419869962	0.2846001	0.1076104	0.1657442	0.1811394	-7.3336025
7125000000	1.099557429	-0.052359878	-5.465376947	-10.79983947	-9.597676225	-7.162231292	0.2840942	0.0831775	0.1097065	0.1922104	-7.9561182
7125000000	1.099557429	-4.44E-16	-6.404297367	-6.929235295	-9.885709999	-7.705971447	0.2288602	0.202804	0.1026666	0.169591	-7.5453561
7125000000	1.099557429	0.052359878	-7.835440395	-6.411493046	-9.856656938	-8.128059966	0.1646099	0.3458205	0.1033557	0.1538842	-7.1688529
7125000000	1.099557429	0.104719755	-9.436843066	-4.317816128	-9.606651596	-7.304568367	0.1138455	0.3700142	0.1213207	0.1860127	-7.037774
7125000000	1.099557429	0.157079633	-11.27211782	-4.900332516	-7.762971452	-5.634564626	0.0746085	0.3235689	0.1673797	0.2732395	-6.7840332
7125000000	1.099557429	0.20943951	-10.62227366	-4.808373692	-7.189716509	-4.305799196	0.0866508	0.3304933	0.1909978	0.3710394	-6.1196967
7125000000	1.099557429	0.261799388	-10.09993627	-3.653313106	-6.975195892	-3.785559747	0.0977252	0.43119	0.2006691	0.4182578	-6.0421778
7125000000	1.099557429	0.314159265	-11.59717852	-2.659963151	-6.113639759	-3.870703155	0.0692281	0.5420055	0.2447012	0.1041377	-9.960415
7125000000	1.099557429	0.366519143	-12.61530229	-2.523310557	-5.283549707	-4.119259381	0.0547608	0.5593311	0.2962409	0.3873237	-8.899062
7125000000	1.099557429	0.41887902									

7125000000	1.099557429	2.827433388	-11.20484576	-12.73291164	-9.004629668	-14.83956847	0.0757732	0.0532977	0.1257584	0.0328128	-11.432075
7125000000	1.099557429	2.879793266	-13.03817111	-18.5152651	-9.322315987	-12.08872353	0.0496801	0.1040758	0.1688876	0.0618198	-12.174139
7125000000	1.099557429	2.932153143	-10.7521698	-15.68453969	-11.93057565	-9.952801545	0.0840975	0.0270113	0.0641125	0.1010927	-11.606571
7125000000	1.099557429	2.984513021	-9.072568492	-12.47328625	-16.11799855	-10.35841236	0.1238064	0.0565811	0.0244456	0.0920786	-11.294327
7125000000	1.099557429	2.86872899	-10.93941723	-12.91930734	-17.78189176	-13.40845871	0.0805487	0.0510586	0.1010515	0.0456199	-13.284981
7125000000	1.099557429	3.089232776	-16.35022003	-20.70756577	-15.95380212	-17.90596519	0.0231728	0.0084966	0.0253875	0.0161958	-17.372365
7125000000	1.099557429	3.141592654	-19.13629986	-19.9007819	-14.50141597	-19.6711038	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.151917306	-3.141592654	-19.13630011	-19.9007815	-14.50141645	-19.67110981	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.151917306	-3.089232776	-20.20964551	-15.19669799	-14.2746079	-16.25226607	0.0095287	0.0302225	0.0373714	0.0237014	-15.984962
7125000000	1.151917306	-3.036872899	-17.0480413	-12.30144714	-15.27041142	-12.13597531	0.0197331	0.0588647	0.0297138	0.0611508	-13.729862
7125000000	1.151917306	-2.984513021	-16.87628503	-8.34187287	-17.43796811	-9.505601791	0.0205292	0.1464916	0.0180386	0.1120572	-11.291331
7125000000	1.151917306	-2.932153143	-19.93913905	-7.532388756	-17.57382166	-8.482506279	0.0101411	0.1765067	0.0174831	0.1418239	-10.630407
7125000000	1.151917306	-2.879793266	-17.2982951	-9.201763526	-15.46561656	-8.767953248	0.0186282	0.1201776	0.0284078	0.132802	-11.24916
7125000000	1.151917306	-2.827433388	-12.25977521	-9.534431319	-11.37394903	-9.518376681	0.0594323	0.1113158	0.0728795	0.1117281	-10.513968
7125000000	1.151917306	-2.775073511	-9.873809188	-8.072295258	-8.906235064	-9.653520446	0.1029483	0.1558728	0.1286401	0.1083049	-9.0678314
7125000000	1.151917306	-2.722713633	-11.18299807	-7.395990763	-8.860942035	-9.393534041	0.0761553	0.1821382	0.1299888	0.1149864	-9.0026011
7125000000	1.151917306	-2.670353756	-13.38856219	-7.669676969	-9.866952282	-9.276982085	0.0548294	0.1710143	0.1031109	0.1181141	-9.605178
7125000000	1.151917306	-2.617993878	-11.91069845	-10.72793039	-8.921489456	-9.21489456	0.0644066	0.1796395	0.0845682	0.1281891	-9.4233075
7125000000	1.151917306	-2.565634	-11.51917857	-6.118747782	-11.52767442	-8.243118548	0.0704826	0.2444135	0.0703449	0.1498608	-8.7362352
7125000000	1.151917306	-2.513274123	-12.14334558	-5.532999566	-11.93081415	-7.784489181	0.0610472	0.2797049	0.0641089	0.1665525	-8.4510954
7125000000	1.151917306	-2.460914245	-13.46919589	-6.552297891	-11.44601702	-7.778356266	0.0449863	0.2211924	0.07168	0.1667878	-8.9907264
7125000000	1.151917306	-2.408554368	-15.92172432	-8.548987632	-10.67280526	-8.242324678	0.0255757	0.1396694	0.0856484	0.1498882	-9.9915204
7125000000	1.151917306	-2.35619449	-15.83976491	-8.847156152	-10.59825554	-9.212850058	0.0206629	0.130402	0.0871314	0.1087112	-10.415943
7125000000	1.151917306	-2.303834613	-11.68441441	-7.214177572	-11.3805529	-9.989934886	0.0678514	0.189925	0.0726934	0.100232	-9.6788332
7125000000	1.151917306	-2.251474735	-7.784941818	-6.099475377	-10.62267556	-9.151640757	0.1665351	0.2455005	0.0870437	0.1215727	-8.0921183
7125000000	1.151917306	-2.199114858	-5.487966408	-5.618580483	-8.801601307	-6.79484565	0.2862023	0.274247	0.1317771	0.1706285	-6.6792887
7125000000	1.151917306	-2.14675495	-5.19187649	-5.139496531	-8.62996722	-7.034313424	0.3026086	0.3062318	0.1370883	0.197956	-6.2714105
7125000000	1.151917306	-2.094395102	-6.442129223	-4.789997245	-9.082425752	-7.095786761	0.2268752	0.3338947	0.1235527	0.1951377	-6.5882804
7125000000	1.151917306	-2.042035225	-7.549800426	-4.770498795	-6.923374345	-6.923374345	0.1758004	0.3331881	0.1579799	0.2030779	-6.6241781
7125000000	1.151917306	-1.989675347	-7.8548215	-4.541121795	-7.37777754	-6.387217782	0.1638769	0.3514696	0.2668224	0.229762	-5.969091
7125000000	1.151917306	-1.93731547	-7.430940946	-4.035348005	-4.10494277	-6.254460978	0.1806783	0.3948801	0.3886428	0.388939	-5.2248264
7125000000	1.151917306	-1.884955592	-5.546319412	-4.089952745	-3.746629828	-6.519835475	0.2788483	0.3899462	0.4220239	0.222852	-4.8357358
7125000000	1.151917306	-1.832595715	-2.988590482	-4.859048742	-4.142630453	-6.008642065	0.5025057	0.3266594	0.385245	0.2506893	-4.3612924
7125000000	1.151917306	-1.780235837	-0.712024437	-5.298241361	-4.156732183	-4.506395585	0.8487847	0.2952405	0.3839961	0.3542913	-3.2736826
7125000000	1.151917306	-1.72787596	0.952653462	-4.79906784	-3.403171107	-3.32896689	1.2452752	0.3312022	0.4567546	0.4646528	-2.0449225
7125000000	1.151917306	-1.675516082	1.883282849	-4.425486883	-2.762870588	-3.020579241	1.5428663	0.3609535	0.5293135	0.498818	-2.9343029
7125000000	1.151917306	-1.623156204	2.075453027	-4.899576867	-3.098162867	-3.247973623	1.6126692	0.3236252	0.489986	0.4733721	-1.3971403
7125000000	1.151917306	-1.570796327	1.896929853	-5.529641501	-4.038182884	-3.327216707	1.5477221	0.2799212	0.3946224	0.4648131	-2.7177959
7125000000	1.151917306	-1.518436449	2.060208308	-5.006464194	-3.897730347	-2.932191504	1.6070183	0.3157574	0.4075932	0.5090739	-1.4882685
7125000000	1.151917306	-1.466076572	2.783901949	-3.555430105	-2.53835894	-2.416299948	1.8984108	0.4410187	0.5840048	0.5732842	-0.5399948
7125000000	1.151917306	-1.413716694	3.328671503	-2.253582574	-1.109174185	-2.204520933	2.1521233	0.595174	0.7746091	0.6019327	0.132414
7125000000	1.151917306	-1.361356817	3.148203588	-1.759106038	-1.166309179	-2.380348001	2.064526	0.666944	0.7644852	0.5780497	0.0796156
7125000000	1.151917306	-1.30896939	2.69755838	-1.996902784	-1.868596729	-2.708127562	1.8610406	0.6314075	0.6503398	0.5360277	-0.3635198
7125000000	1.151917306	-1.256637061	3.003567163	-2.3635202	-1.751321829	-2.868146233	1.9969018	0.5802939	0.6681405	0.5166368	-0.2664431
7125000000	1.151917306	-1.204277184	3.82991925	-2.352658878	-0.622119679	-2.79354357	2.4154159	0.5817469	0.8665388	0.5255882	-0.0343428
7125000000	1.151917306	-1.151917306	4.006029298	-2.237908644	-0.229339021	-2.73973739	2.5153761	0.5973229	1.0542245	0.5321404	0.6995136
7125000000	1.151917306	-1.099557429	3.114084367	-2.894175531	-0.000312375	-2.928981676	2.0483701	0.5135497	0.9999281	0.5094503	0.0767292
7125000000	1.151917306	-1.047197551	2.129570076	-4.862557484	-1.071959751	-3.155273168	1.6328903	0.3263956	0.7812572	0.4835848	-0.9365315
7125000000	1.151917306	-0.994837674	2.437272329	-7.560327772	-1.788575482	-3.08958883	1.7527793	0.1753748	0.6624338	0.4905944	-1.1329187
7125000000	1.151917306	-0.942477796	2.942839485	-8.642211152	-1.22285522	-2.941506679	1.9691733	0.1367033	0.754596	0.5079832	-0.7462914
7125000000	1.151917306	-0.890117919	2.389923115	-7.93985604	-0.3442435	-2.999022082	1.7337733	0.1606995	0.9237951	0.5013001	-0.8097843
7125000000	1.151917306	-0.837758041	0.871239475	-7.182439251	-6.004999334	-3.137199168	1.2221484	0.1913181	0.899477	0.4856101	-1.5512768
7125000000	1.151917306	-0.785398163	-0.216452708	-6.654381919	-1.549975943	-3.29179717	0.9513816	0.2160537	0.6998459	0.485998	-2.3660398
7125000000	1.151917306	-0.733038286	0.056489875	-6.540030316	-2.129056634	-3.780701296	1.0130922	0.2218181	0.6124834	0.4187259	-2.4677151
7125000000	1.151917306	-0.680678408	0.092789005	-6.829274168	-1.292580541	-4.807188595	1.0215953	0.207526	0.7425778	0.3305835	-2.3990135
7125000000	1.151917306	-0.628318531	-1.312948746	-7.060247145	-4.035088089	-6.115758987	0.7391033	0.1967774	0.9056265	0.2445818	-2.8272716
7125000000	1.151917306	-0.575958653	-3.505745191	-7.168130023	-0.769446485	-7.356766333	0.4460931	0.1919495	0.837636	0.387906	-3.8209078
7125000000	1.151917306	-0.523598776	-3.457000479	-7.609834983	-2.048979954	-8.665054958	0.4511282	0.173387	0.6238814	0.1359861	-4.6080386
7125000000	1.151917306	-0.471238898	-2.484911366	-8.77959986	-3.046167467	-9.799892199	0.5642985	0.1294911	0.4958876	0.1071565	-4.9993935
7125000000	1.151917306	-0.41887902	-3.156600021	-11.41089359	-3.356243915	-9.269127119	0.4834304	0.0722621	0.4617167	0.1183279	-5.4678213
7125000000	1.151917306	-0.366519143	-5.195077961	-14.56961846	-4.092699371	-7.882724708	0.3023376	0.0349171	0.3896997	0.1628272	-6.5277646
7125000000	1.151917306	-0.314159265	-5.833901176	-15.047113	-7.782287477	-7.359660464	0.2609816	0.0312816	0.2641017	0.3668024	-7.3208808
7125000000	1.151917306	-0.261799388	-4.572703445	-12.42036731	-6.882821859	-7.766434507	0.348923	0.0572748	0.204983	0.1672465	-7.1084204
7125000000	1.151917306	-0.20943951	-4.175598047	-9.26036417	-6.534241859	-8.334921838	0.3823316	0.1185669	0.222206	0.147262	-6.6265251
7125000000	1.151917306	-0.157079633	-4.995871269	-8.03963733	-6.490659617	-8.118226095	0.3165285	0.1570412	0.2243541	0.154233	-6.7154043
7125000000	1.151917306	-0.104719755	-5.503248466	-9.652468055	-7.846524695	-7.361811685	0.2816276	0.1083311	0.1641903	0.1635772	-7.2416477
7125000000	1.151917306	-0.052359878	-5.4868916	-10.72665455	-9.573920634	-7.162614789	0.2826903	0.084593	0.1103079	0.1921934	-7.761248
7125000000	1.151917306	-4.44E-16	-6.404								

7125000000	1.151917306	2.408554368	-6.876890063	-12.48283154	-5.757988072	-8.565673851	0.2052632	0.0564569	0.2655836	0.1391338	-7.7830064
7125000000	1.151917306	2.460914245	-7.770695441	-5.943267975	-11.63329145	-7.337354829	0.1670823	0.2544915	0.0686548	0.184614	-7.7285757
7125000000	1.151917306	2.513274123	-10.08911305	-4.392375876	-10.62874116	-5.913788724	0.097969	0.0363716	0.0865219	0.2562248	-6.9657084
7125000000	1.151917306	2.565634	-12.053155	-6.123710546	-6.75258918	-5.75258918	0.0623282	0.2441344	0.2112208	0.2659394	-7.0795586
7125000000	1.151917306	2.617993878	-12.47496983	-11.27228366	-8.573595277	-6.991748225	0.0565592	0.0746056	0.1400362	0.1999057	-7.2894602
7125000000	1.151917306	2.670353756	-14.08472425	-13.93846917	-11.25134546	-8.761716096	0.0390416	0.0403788	0.0581923	0.1329929	-11.697233
7125000000	1.151917306	2.722713633	-12.2458071	-10.58524198	-12.4644859	-10.25599519	0.0596238	0.0873928	0.0720038	0.0942759	-11.061049
7125000000	1.151917306	2.775073511	-10.30632934	-10.17752549	-9.992938438	-11.90833132	0.0931895	0.0959947	0.1001627	0.0644417	-10.533161
7125000000	1.151917306	2.827433388	-11.3689893	-12.88803828	-8.830510263	-13.40822945	0.0729627	0.0514276	0.1309028	0.0405623	-11.236156
7125000000	1.151917306	2.879793266	-13.1837053	-17.38588758	-9.767722397	-11.85091496	0.0480429	0.0182562	0.105494	0.0652993	-12.271442
7125000000	1.151917306	2.932153143	-11.00704449	-16.02505873	-12.83155149	-9.937982743	0.0793041	0.0249743	0.0521009	0.1014382	-11.907475
7125000000	1.151917306	2.984513021	-9.323481665	-12.94039998	-17.07325815	-10.43666864	0.1168562	0.0508113	0.0196189	0.0904343	-11.584518
7125000000	1.151917306	3.036872899	-11.10734785	-13.31089732	-20.3034612	-13.56911845	0.0774935	0.0466563	0.0093247	0.0439631	-13.530144
7125000000	1.151917306	3.089232776	-16.38074009	-21.07395094	-16.04010197	-18.08235949	0.0230105	0.0078092	0.024888	0.0155512	-17.492211
7125000000	1.151917306	3.141592654	-19.13630011	-19.9007815	-14.50141645	-19.67110981	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.151917306	-3.141592654	-19.13630006	-19.90078173	-14.50141624	-19.67110978	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.204277184	-3.089232776	-20.17199315	-15.14934561	-14.22275907	-16.25139632	0.0096117	0.0305538	0.0378202	0.0237061	-15.947381
7125000000	1.204277184	-3.036872899	-17.38805985	-12.48635092	-15.19175524	-12.22814882	0.0182471	0.0564111	0.0302569	0.0598667	-13.851507
7125000000	1.204277184	-2.984513021	-17.69414559	-8.602288431	-16.74563463	-9.500245088	0.0170053	0.1379657	0.0211561	0.1121955	-11.421811
7125000000	1.204277184	-2.932153143	-21.73865829	-7.535503665	-16.23292422	-8.31380292	0.0067009	0.1763801	0.0238566	0.1472862	-10.527823
7125000000	1.204277184	-2.879793266	-16.38776029	-8.779312592	-14.6987403	-8.494670583	0.0229733	0.1324551	0.0338942	0.1414272	-10.825603
7125000000	1.204277184	-2.827433388	-10.76236429	-9.232571867	-11.13161278	-9.116445831	0.0839003	0.1193281	0.0770617	0.1225619	-9.9691442
7125000000	1.204277184	-2.775073511	-8.215338639	-8.11793277	-8.968700611	-9.07882137	0.1508225	0.1542434	0.1268031	0.1236283	-8.5737799
7125000000	1.204277184	-2.722713633	-9.452560489	-7.554118803	-11.27129688	-8.79759044	0.1134342	0.1756257	0.1224129	0.1318988	-8.6696306
7125000000	1.204277184	-2.670353756	-15.55304701	-7.97471734	-9.693772214	-8.836823438	0.0278417	0.1594147	0.1073057	0.1307127	-9.7393045
7125000000	1.204277184	-2.617993878	-15.9261579	-8.019047916	-9.986328231	-8.751350236	0.0255496	0.1577957	0.1003153	0.1333107	-9.8195374
7125000000	1.204277184	-2.565634	-10.90246037	-6.691395736	-10.61868434	-8.307164083	0.081237	0.2142202	0.0867225	0.1477667	-8.7790974
7125000000	1.204277184	-2.513274123	-9.295276105	-5.832710012	-11.04301824	-7.949765714	0.1176176	0.2610532	0.0786499	0.1603332	-8.1131481
7125000000	1.204277184	-2.460914245	-10.03878647	-6.40238051	-11.01052888	-7.938043047	0.0991109	0.2289612	0.0792405	0.1607666	-8.4765114
7125000000	1.204277184	-2.408554368	-12.85042785	-7.899840626	-10.66689836	-8.360483983	0.0518749	0.1621187	0.0857632	0.1458952	-8.0256885
7125000000	1.204277184	-2.35619449	-14.13707587	-8.206984631	-10.53833993	-9.233931214	0.0385738	0.1511129	0.0883418	0.1192860	-10.029024
7125000000	1.204277184	-2.30834613	-9.979487387	-8.666529532	-11.44165844	-9.855348623	0.1004734	0.2057534	0.071752	0.1033688	-9.1958486
7125000000	1.204277184	-2.251474735	-6.356392374	-5.930215928	-10.7769929	-9.256219622	0.2313986	0.2552574	0.0836219	0.1186801	-7.6386718
7125000000	1.204277184	-2.199114858	-4.406205085	-5.600312818	-8.653741897	-8.420498753	0.3625597	0.275403	0.1363408	0.1438633	-6.3913839
7125000000	1.204277184	-2.14675498	-4.224455325	-5.134093979	-8.450380745	-8.506702105	0.3780545	0.306613	0.1428769	0.1410359	-6.1592432
7125000000	1.204277184	-2.094395102	-5.587304243	-4.629637456	-9.80317324	-9.881336118	0.2762292	0.3443787	0.1230179	0.1264349	-6.5251045
7125000000	1.204277184	-2.042035225	-7.651490793	-4.45328497	-8.055484737	-8.262892678	0.1717319	0.3586506	0.1564774	0.14918	-6.7983402
7125000000	1.204277184	-1.989675347	-9.751725895	-4.15558469	-8.51858807	-6.978037766	0.1058833	0.3840975	0.2599047	0.2005378	-6.2414291
7125000000	1.204277184	-1.93731547	-10.70503657	-3.555548516	-4.348008981	-6.435700907	0.0850152	0.4410067	0.3674507	0.2272113	-5.5257689
7125000000	1.204277184	-1.884955592	-8.529188625	-3.369058833	-6.58517207	-6.458517207	0.1403076	0.4603563	0.3948391	0.2260207	-5.1515809
7125000000	1.204277184	-1.832595715	-5.131597873	-3.69501345	-4.320765321	-5.965925742	0.3067893	0.4270696	0.369763	0.2531672	-4.6954764
7125000000	1.204277184	-1.780235837	-2.165064072	-3.6330122	-4.071832261	-4.783956102	0.6074263	0.4332103	0.391573	0.3323567	-3.5542102
7125000000	1.204277184	-1.72787596	0.00049957	-2.8760589	-3.095454851	-3.935128218	1.000115	0.5156964	0.4902917	0.4040984	-2.2006663
7125000000	1.204277184	-1.675516082	1.260271241	-2.375265099	-2.50862916	-3.874266324	1.336679	0.5787267	0.5819876	0.4908013	-1.3855859
7125000000	1.204277184	-1.623156204	1.679750424	-2.783630572	-2.653866475	-4.211868568	1.4722279	0.5267893	0.5427669	0.3791518	-1.3663796
7125000000	1.204277184	-1.570796327	1.68147723	-3.65802117	-3.98148004	-4.144626813	1.4728134	0.4307228	0.4367028	0.3850679	-1.6654471
7125000000	1.204277184	-1.518436449	1.897885282	-3.738003673	-3.517425867	-3.343266674	1.5480626	0.4228629	0.4448949	0.4630985	-1.4283056
7125000000	1.204277184	-1.466076572	2.488456015	-2.746180749	-2.046127729	-2.286542566	1.7735588	0.5313515	0.6242912	0.5906711	-1.5553303
7125000000	1.204277184	-1.413716694	2.852109729	-1.694899129	-0.871455271	-1.509749587	1.9284615	0.6768875	0.8181906	0.763583	-1.0387827
7125000000	1.204277184	-1.361356817	2.504013362	-1.426094793	-0.903052416	-1.193891535	1.7799235	0.7200962	0.8122594	0.7596453	-0.7739792
7125000000	1.204277184	-1.308996939	1.861042573	-1.967723241	-1.520534546	-1.191875794	1.5349854	0.6356641	0.7046063	0.7599979	-0.5145255
7125000000	1.204277184	-1.256637061	2.051947347	-2.660547525	-1.404245592	-1.198668604	1.6039645	0.5419326	0.7237281	0.7588012	-0.4234061
7125000000	1.204277184	-1.204277184	2.953677648	-2.81845003	-0.413655033	-1.078713075	1.9740937	0.5252827	0.9091478	0.7800612	-0.1972734
7125000000	1.204277184	-1.151917306	3.308952572	-2.687088617	-0.23532525	-1.081932952	2.1423738	0.5386307	1.0556806	0.7794831	-0.5271012
7125000000	1.204277184	-1.099557429	2.681030683	-3.290776571	-0.04565624	-1.574045027	1.8539716	0.4687296	0.953989	0.695978	-0.0297771
7125000000	1.204277184	-1.047197551	1.987920762	-5.208070834	-1.429212328	-2.534757876	1.5804912	0.3014345	0.7195795	0.5578587	-1.0246035
7125000000	1.204277184	-0.994837674	2.320573943	-7.602733803	-2.590280083	-3.377093627	1.7063079	0.1736707	0.6039125	0.4950504	-1.3321122
7125000000	1.204277184	-0.942477199	2.674243656	-8.027807917	-1.622764939	-3.608789098	1.8510765	0.1574778	0.688214	0.4356333	-1.0618256
7125000000	1.204277184	-0.890117916	2.003580256	-7.051118534	-0.753232476	-3.72731501	1.5862003	0.1971915	0.8407515	0.4599672	-1.1923007
7125000000	1.204277184	-0.837758041	0.56239394	-6.378935829	-0.877627413	-2.998400929	1.1382545	0.2302006	0.8170286	0.5013718	-1.7281568
7125000000	1.204277184	-0.785398163	-0.143433819	-6.166403948	-1.957025052	-2.875778017	0.9675126	0.2417462	0.6372319	0.5157298	-2.2873958
7125000000	1.204277184	-0.733038286	0.314377805	-6.494013927	-0.935817932	-3.30513189	1.0750726	0.2241809	0.5612057	0.4671828	-2.3514381
7125000000	1.204277184	-0.680678408	0.235581881	-7.282419659	-1.676480464	-4.270984751	1.0557429	0.186964	0.6797543	0.3740258	-2.40996
7125000000	1.204277184	-0.628318531	-1.380752215	-7.786596747	-0.839912463	-5.4694949846	0.7276538	0.1664717	0.8241547	0.2837952	-3.0057958
7125000000	1.204277184	-0.57598653	-3.751096115	-7.779109998	-1.135765667	-6.698789081	0.4215901	0.1667589	0.7698807	0.2138558	-4.0558383
7125000000	1.204277184	-0.523598776	-8.119372814	-3.509663955	-8.119372814	-2.282914276	0.4456907	0.1541923	0.598647	0.1479308	-4.7828626
7125000000	1.204277184	-0.471238898	-2.369468975	-9.625349238	-2.976813107	-10.36580209	0.5794995	0.1090907	0.5038702	0.0919221	-4.93393
7125000000	1.204277184	-0.41887									

7125000000	1.204277184	1.989675347	-7.161459158	-10.57166563	-5.136227113	-7.097192545	0.1922446	0.0876665	0.3064625	0.1951105	-7.0913988
7125000000	1.204277184	2.042035225	-9.536860179	-6.762600148	-5.731915414	-7.471555395	0.1112536	0.2107366	0.2671828	0.1789965	-7.1660297
7125000000	1.204277184	2.094395102	-11.70644078	-3.265199195	-5.736128147	-8.001665973	0.0675081	0.4714982	0.2669327	0.1584285	-6.1782143
7125000000	1.204277184	2.14675498	-10.51343257	-1.702455766	-5.189987363	-8.741200112	0.0888499	0.6577008	0.3026922	0.1336226	-5.2256563
7125000000	1.204277184	2.199114648	-8.939391319	-1.811646414	-5.331448722	-9.296280525	0.1276618	0.658924	0.2929916	0.1175904	-6.1732902
7125000000	1.204277184	2.251474735	-8.422579226	-3.204366404	-8.2549056	-8.866165766	0.1437944	0.4784191	0.1494547	0.1289325	-6.4722401
7125000000	1.204277184	2.303834613	-7.875639315	-6.039041996	-11.08388577	-7.722516186	0.1630933	0.2489406	0.0779133	0.1689462	-7.8324485
7125000000	1.204277184	2.35619449	-7.015314309	-11.38113233	-6.352314806	-7.02041247	0.1988239	0.072759	0.231616	0.1985906	-7.5585312
7125000000	1.204277184	2.408554368	-6.728737295	-10.87940321	-5.964927088	-6.757872877	0.2123862	0.0816695	0.2532254	0.2100935	-7.2774925
7125000000	1.204277184	2.460914245	-7.905660987	-5.800839019	-12.12600302	-5.868259449	0.1619697	0.262976	0.0612914	0.258925	-7.2980918
7125000000	1.204277184	2.513274123	-11.11199622	-4.60800668	-12.67343996	-4.702437661	0.0774106	0.3460982	0.0540326	0.338654	-6.9026584
7125000000	1.204277184	2.565634	-13.47129828	-6.876319059	-8.218659517	-4.534916945	0.0449645	0.2052901	0.1507072	0.3519722	-7.2530305
7125000000	1.204277184	2.617993878	-13.09662437	-10.9293599	-10.37165932	-5.381334517	0.049016	0.0807354	0.0917982	0.2896453	-8.9347349
7125000000	1.204277184	2.670353756	-13.89813739	-9.977862501	-13.51344071	-6.421861865	0.0407555	0.100511	0.0445303	0.2279365	-9.8533947
7125000000	1.204277184	2.722713633	-12.11540801	-9.033409752	-10.68314856	-7.435010263	0.0614411	0.1249278	0.0854447	0.180509	-9.4661164
7125000000	1.204277184	2.775073511	-10.4780304	-10.2500883	-9.083408589	-9.131578947	0.0895771	0.0944042	0.1234978	0.1221356	-9.6898907
7125000000	1.204277184	2.827433388	-11.46815506	-12.78237637	-8.60164576	-11.39183557	0.0713156	0.0526941	0.1379861	0.0725799	-10.77055
7125000000	1.204277184	2.879793266	-13.04502048	-16.09578963	-10.37135677	-11.30104074	0.0496019	0.0245709	0.0918046	0.0741133	-12.216688
7125000000	1.204277184	2.932153143	-11.1800905	-16.32626094	-14.11482246	-9.931433608	0.0762063	0.023301	0.038772	0.1015913	-12.22083
7125000000	1.204277184	2.984513021	-9.593486282	-13.49124449	-18.27048912	-10.58995214	0.1098124	0.0447585	0.0148919	0.0872981	-11.92531
7125000000	1.204277184	3.036872899	-11.30875934	-13.77745205	-20.69944205	-13.79298332	0.0739817	0.0419039	0.0085125	0.0417543	-13.815533
7125000000	1.204277184	3.089232776	-16.43272283	-21.51662865	-16.11461269	-18.28214675	0.0227367	0.0070524	0.0244646	0.1014852	-17.625457
7125000000	1.204277184	3.141592654	-19.13630006	-19.90078173	-14.50141624	-19.67110978	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.256637061	-3.141592654	-19.1363003	-19.90078153	-14.50141645	-19.67111003	0.0122003	0.0102311	0.0354698	0.0107867	-17.651801
7125000000	1.256637061	-3.089232776	-20.13812002	-15.08962887	-14.18448822	-16.2802008	0.009687	0.0309768	0.0381553	0.0235494	-15.918935
7125000000	1.256637061	-3.036872899	-17.7260685	-12.6440103	-15.12792554	-12.36232865	0.0168808	0.0544	0.0307049	0.0580453	-13.978559
7125000000	1.256637061	-2.984513021	-18.39008258	-8.888266116	-15.94907361	-9.523878703	0.0144874	0.1291735	0.0254151	0.1115866	-11.538775
7125000000	1.256637061	-2.932153143	-23.01386518	-7.569160522	-14.84795821	-8.181335873	0.0049959	0.1570185	0.0327495	0.1520008	-10.400387
7125000000	1.256637061	-2.879793266	-15.82998088	-8.397436074	-13.98932459	-8.213981683	0.0261217	0.1446293	0.0399087	0.1508696	-10.439164
7125000000	1.256637061	-2.827433388	-10.14321423	-8.91007247	-11.20859138	-8.558239428	0.0967561	0.1285265	0.0757078	0.1393722	-9.5824948
7125000000	1.256637061	-2.775073511	-7.426346335	-8.114168384	-9.43455118	-8.197409053	0.1808695	0.1543772	0.1139057	0.1514464	-8.2347548
7125000000	1.256637061	-2.722713633	-8.090963591	-7.591589523	-9.779118727	-7.891516621	0.1552043	0.1741169	0.1052175	0.1624891	-8.2605884
7125000000	1.256637061	-2.670353756	-13.15323424	-8.032630284	-9.702117133	-8.20906563	0.0483812	0.157303	0.1070997	0.1506293	-9.3609164
7125000000	1.256637061	-2.617993878	-16.1265106	-8.342855496	-9.446032562	-8.531510301	0.0243977	0.1464585	0.1136048	0.1402326	-9.7398431
7125000000	1.256637061	-2.565634	-9.819749571	-7.25952	-9.973121858	-8.122124894	0.1042378	0.1879525	0.1066208	0.1541301	-8.641194
7125000000	1.256637061	-2.513274123	-7.314014559	-6.363773772	-10.45164664	-4.727615383	0.1856088	0.2310057	0.0901229	0.1808167	-8.9462134
7125000000	1.256637061	-2.460914245	-7.304368749	-6.667121616	-10.89645946	-7.16632621	0.1860215	0.2154209	0.0813493	0.1920292	-7.7287141
7125000000	1.256637061	-2.408554368	-9.215305041	-7.653827063	-11.09444208	-7.770428528	0.1198035	0.1716395	0.0777241	0.1670926	-8.7268482
7125000000	1.256637061	-2.35619449	-10.57211681	-7.686583846	-10.90539011	-9.198429926	0.0876573	0.1703498	0.0811822	0.1202699	-9.3981295
7125000000	1.256637061	-2.303834613	-7.927222698	-6.521678086	-11.67050115	-10.17285455	0.1611676	0.2227574	0.0680761	0.096098	-8.6320082
7125000000	1.256637061	-2.251474735	-5.196920523	-5.673319977	-10.82109917	-9.44188933	0.3022094	0.2708121	0.0827733	0.1137133	-7.1584687
7125000000	1.256637061	-2.199114858	-3.880039605	-5.415288758	-8.446635057	-8.571928862	0.4092569	0.2873897	0.1430002	0.1389335	-6.1146353
7125000000	1.256637061	-2.14675498	-3.997661509	-5.112663807	-8.258734689	-8.62963231	0.3983216	0.3081297	0.1493229	0.1370998	-6.0516583
7125000000	1.256637061	-2.094395102	-5.225900727	-4.705878733	-9.075881565	-8.732940483	0.3001995	0.3383858	0.1242258	0.1307789	-6.494186
7125000000	1.256637061	-2.042035225	-6.939695681	-4.608773147	-7.843724916	-7.65723912	0.2023161	0.3460371	0.1642962	0.167586	-6.5746118
7125000000	1.256637061	-1.989675347	-9.020839392	-4.591843373	-5.654882179	-6.79743803	0.1252899	0.3473887	0.2719642	0.2090529	-6.2265016
7125000000	1.256637061	-1.93731547	-10.91634884	-4.312138843	-4.34476802	-6.805498113	0.0809776	0.3704982	0.367725	0.2086653	-5.9012342
7125000000	1.256637061	-1.884955592	-10.18955666	-4.180549977	-4.166251514	-7.387090916	0.0957292	0.3818959	0.3831553	0.1825118	-5.8365404
7125000000	1.256637061	-1.832955715	-7.228536715	-4.218611227	-4.420495386	-7.212653802	0.1892891	0.3785636	0.3613686	0.1899917	-5.1934372
7125000000	1.256637061	-1.780235837	-4.126069093	-3.632754258	-3.96224909	-6.046218674	0.3867168	0.433236	0.4015828	0.2485296	-4.3473237
7125000000	1.256637061	-1.72787596	-1.60527427	-2.443212625	-2.78843859	-5.126791124	0.6909913	0.5697427	0.5262064	0.307129	-4.1026892
7125000000	1.256637061	-1.675516082	0.019887711	-1.635333134	-1.937616159	-4.916642262	1.0045898	0.6862252	0.6400861	0.322356	-1.782065
7125000000	1.256637061	-1.623156204	0.753941829	-1.744707537	-1.1821212951	-4.9113994423	1.1895814	0.6691589	0.6050464	0.327458	-1.5699423
7125000000	1.256637061	-1.570796327	1.054823261	-2.374194481	-3.083080024	-4.367180447	1.2749182	0.5788693	0.4916907	0.3658322	-1.6880474
7125000000	1.256637061	-1.518436449	1.53543264	-2.491256164	-3.021640136	-3.216478016	1.4241091	0.5634747	0.4986961	0.4768175	-1.3031407
7125000000	1.256637061	-1.466076572	2.290084875	-1.720216161	-1.643218746	-1.970240423	1.6943709	0.6729432	0.6849804	0.6352598	-0.3531734
7125000000	1.256637061	-1.413716694	2.747495067	-0.823228469	-0.542282194	-1.078169283	1.8825629	0.8273269	0.882616	0.7801889	-0.3868619
7125000000	1.256637061	-1.361356817	2.44510885	-0.63894471	-0.571643066	-0.714865348	1.7559449	0.8631883	0.8766691	0.8482792	0.3583302
7125000000	1.256637061	-1.308996399	1.68107526	-1.280250767	-1.118213488	-0.763138454	1.4726771	0.744689	0.7729985	0.8388188	-0.1895383
7125000000	1.256637061	-1.256637061	1.537130639	-2.107512701	-0.97666416	-0.903135015	1.424666	0.6155293	0.7986079	0.812244	-0.3964255
7125000000	1.256637061	-1.204277184	2.228132558	-2.309287836	-0.078190459	-0.90925112	1.6703722	0.5875857	0.9821571	0.8111009	0.055254
7125000000	1.256637061	-1.151917306	2.592101048	-2.094123436	0.412177711	-0.960856719	1.8163942	0.6174299	1.0995571	0.8015199	0.349192
7125000000	1.256637061	-1.099557429	2.11350726	-2.528153096	-0.202094712	-1.445993489	1.626862	0.5587077	0.9545322	0.7168044	-0.158209
7125000000	1.256637061	-1.047197551	1.662472674	-4.062547386	-1.546751093	-2.432900458	1.4663825	0.3924147	0.7303657	0.5710971	-1.0647939
7125000000	1.256637061	-0.994837674	2.130097321	-5.717364143	-2.317605158	-3.381537361	1.6330885	0.2680795	0.5864615	0.4590355	-1.3272923
7125000000	1.256637061	-0.942477796	2.48159048	-5.825719319	-1.751036318	-3.59997802	1.7707573	0.2614737	0.6681845	0.436518	-1.055467
7125000000	1.256637061	-0.890117919	1.800588831	-5.134090176	-0.916800878	-3.18078486	1.513756	0.3066133	0.8096921	0.4855033	-1.085322
7125000000	1.256637061	-0.837758041	0.444								

7125000000	1.256637061	1.570796327	-3.577659789	2.876937591	0.678654281	-1.749620751	0.4387671	1.9395178	1.1691371	0.6684023	0.228225
7125000000	1.256637061	1.623156204	-2.866143536	2.212473308	0.783213477	-1.792749024	0.5168751	1.6643602	1.1976264	0.6617975	0.0439223
7125000000	1.256637061	1.675516082	-3.391374587	0.932945333	0.045177395	-2.151993568	0.4579969	1.239637	1.0104568	0.6092572	-0.8126898
7125000000	1.256637061	1.72787596	-4.677202524	-1.160343357	-1.720418594	-2.859239879	0.3406275	0.765361	0.6729118	0.517691	-2.4094316
7125000000	1.256637061	1.780235837	-5.400118797	-4.281358391	-3.874947347	-3.755116102	0.2883953	0.3731334	0.4097371	0.4212	-4.8125556
7125000000	1.256637061	1.832595715	-5.22172719	-8.250288118	-4.808910205	-4.715545413	0.3004881	0.1496136	0.3304525	0.3376334	-5.535455
7125000000	1.256637061	1.884955592	-5.272788553	-9.552940645	-4.720444383	-5.676139523	0.2969759	0.1108424	0.3571047	0.2676363	-5.8688505
7125000000	1.256637061	1.93731547	-6.134507222	-7.737316395	-4.758346111	-6.610681379	0.2435282	0.1683714	0.3343223	0.2182387	-6.1777545
7125000000	1.256637061	1.989675347	-7.634570331	-6.648844989	-6.05555557	-7.705277538	0.1724023	0.2163294	0.2479959	0.1696181	-6.9553875
7125000000	1.256637061	2.026352225	-9.516571011	-5.096652462	-6.863024974	-9.204384983	0.1117745	0.3092678	0.2059195	0.1201051	-7.2870044
7125000000	1.256637061	2.094395102	-9.957595625	-2.681533741	-6.501666737	-10.76180045	0.1009812	0.5393201	0.2237862	0.0839112	-6.2525224
7125000000	1.256637061	2.14675498	-8.078926252	-1.253892968	-5.648387045	-11.12976038	0.155635	0.7492223	0.2723713	0.0770946	-5.0365055
7125000000	1.256637061	2.199114858	-6.942957086	-1.41980566	-5.616883825	-9.714416324	0.2021642	0.7211397	0.2743542	0.1067968	-4.8663089
7125000000	1.256637061	2.251474735	-7.458410986	-2.970855408	-8.350923964	-7.55331624	0.179539	0.5045619	0.1461866	0.1756582	-5.9948544
7125000000	1.256637061	2.303834613	-8.284072273	-5.584912577	-11.86792986	-5.813871856	0.1484543	0.2763814	0.065044	0.262188	-7.258031
7125000000	1.256637061	2.35619449	-7.606976985	-8.636464566	-5.068294085	-9.204384983	0.1735011	0.1368843	0.1928654	0.3112939	-6.9114508
7125000000	1.256637061	2.408554368	-7.114840649	-7.796364948	-6.56573455	-5.08616754	0.1943193	0.1660977	0.2205091	0.3100154	-6.5221082
7125000000	1.256637061	2.460914245	-8.634305946	-4.862674556	-12.67377987	-4.920865945	0.1369523	0.3263868	0.0540284	0.3220427	-6.7808578
7125000000	1.256637061	2.513274123	-12.67745907	-4.483330425	-14.68266922	-4.460179448	0.0539826	0.3561739	0.0344456	0.3580816	-6.9751335
7125000000	1.256637061	2.565634	-14.70528608	-7.203762577	-9.923065829	-4.542715897	0.0338432	0.1903811	0.1017873	0.3513407	-7.7124546
7125000000	1.256637061	2.617993878	-13.39118086	-9.421042186	-12.43727013	-5.08748395	0.0458017	0.1142604	0.0570523	0.3099214	-8.8021983
7125000000	1.256637061	2.670353756	-13.44540608	-7.520625736	-13.24765553	-5.416130515	0.0452334	0.1769854	0.0473407	0.287334	-8.5628789
7125000000	1.256637061	2.722713633	-11.85417469	-7.75990543	-9.478570593	-5.903775786	0.0652503	0.1674979	0.1127569	0.2568162	-8.2223178
7125000000	1.256637061	2.775073511	-10.63617658	-10.18310138	-8.092700486	-7.434806081	0.0863739	0.0958716	0.1551422	0.1805715	-8.8780974
7125000000	1.256637061	2.827433388	-11.45824584	-12.49035366	-8.318244693	-9.91082604	0.0714785	0.0563592	0.1472908	0.1207405	-10.254849
7125000000	1.256637061	2.879793266	-12.67133803	-15.03113767	-11.08237393	-10.76553391	0.0540588	0.0313969	0.0779404	0.0838391	-12.08948
7125000000	1.256637061	2.932153143	-11.27799586	-16.65386318	-15.8822415	-9.983251718	0.0745076	0.021608	0.0258093	0.1038664	-12.550987
7125000000	1.256637061	2.984513021	-9.882442971	-14.12690786	-19.65016281	-10.82762105	0.1027438	0.0386642	0.1018389	0.0826491	-12.311845
7125000000	1.256637061	3.036872899	-11.54262178	-14.3229481	-20.869103	-14.07762111	0.0701032	0.0369577	0.0081863	0.0391087	-14.135365
7125000000	1.256637061	3.089232776	-16.50532458	-22.03731932	-16.17564231	-18.50227239	0.0223598	0.0062556	0.0241232	0.014118	-17.769157
7125000000	1.256637061	3.1461592654	-19.1363003	-19.90078153	-14.50141645	-19.67111003	0.0122003	0.1012311	0.0354698	0.0107867	-17.651801
7125000000	1.308996939	3.1451592654	-19.1363002	-19.90078163	-14.50141612	-16.7110991	0.0122003	0.1012311	0.0354698	0.0107867	-17.6518
7125000000	1.308996939	-3.089232776	-20.10503762	-15.01858299	-14.15910638	-16.33641146	0.009761	0.0314878	0.0383786	0.0232662	-15.897544
7125000000	1.308996939	-3.036872899	-18.04490866	-12.75975848	-15.07396923	-12.52994786	0.0156859	0.0529693	0.0310887	0.0558477	-14.100738
7125000000	1.308996939	-2.984513021	-18.85024266	-9.194980464	-15.10667864	-9.562152457	0.0130309	0.1203665	0.0308555	0.1106075	-11.629493
7125000000	1.308996939	-2.932153143	-23.08360816	-7.643048567	-13.56346955	-8.060177032	0.0049163	0.172066	0.0440203	0.156289	-10.253829
7125000000	1.308996939	-2.879793266	-15.68247138	-8.073988274	-13.30348098	-7.944499979	0.0270242	0.1558121	0.0464464	0.1605277	-10.12066
7125000000	1.308996939	-2.827433388	-10.29851072	-8.592868026	-11.50546698	-7.989858278	0.0933574	0.1382653	0.0707055	0.1588599	-9.3818189
7125000000	1.308996939	-2.775073511	-7.437261871	-8.091852763	-10.20678326	-7.359382373	0.1804155	0.1551725	0.0953502	0.18368	-8.1345462
7125000000	1.308996939	-2.722713633	-7.393157047	-7.556876858	-10.76282309	-7.095835332	0.182257	0.1755142	0.0838914	0.195175	-9.7803353
7125000000	1.308996939	-2.670353756	-10.36281625	-7.867250085	-9.882402872	-7.68232151	0.0919853	0.1634086	0.1027448	0.1705171	-8.7888703
7125000000	1.308996939	-2.617993878	-12.97826576	-8.303357056	-9.123366113	-8.123745077	0.0503702	0.1477965	0.119857	0.1540372	-9.2806199
7125000000	1.308996939	-2.565634	-9.233298863	-7.591967728	-9.767128593	-7.410753468	0.1193802	0.1741018	0.1055084	0.1815201	-8.3380383
7125000000	1.308996939	-2.513274123	-6.467060389	-6.905054124	-10.2964121	-6.414142147	0.2255766	0.2309363	0.0934026	0.128342	-7.267211
7125000000	1.308996939	-2.460914245	-5.970756135	-7.177298398	-11.07390491	-6.220080285	0.2528858	0.1915447	0.0780925	0.2387767	-7.2050432
7125000000	1.308996939	-2.408554368	-7.637123815	-7.788115238	-11.79421629	-7.28009559	0.1723009	0.1661535	0.0661574	0.1870641	-8.2978532
7125000000	1.308996939	-2.35619449	-9.469182291	-7.566418108	-11.52150949	-9.161433421	0.1130009	0.175129	0.0704448	0.1212988	-9.2093316
7125000000	1.308996939	-2.303834613	-7.228568406	-6.547262954	-11.93735902	-9.467300496	0.1892968	0.2214303	0.0640097	0.1130498	-8.3284028
7125000000	1.308996939	-2.251474735	-4.686093579	-5.64832322	-10.83789952	-7.965950106	0.3399309	0.2723753	0.0824539	0.1597368	-6.7834953
7125000000	1.308996939	-2.199114858	-3.592511712	-5.18081627	-8.392675643	-7.160566929	0.4372691	0.3033321	0.144788	0.1922481	-5.6957288
7125000000	1.308996939	-2.14675498	-3.646951323	-4.837650151	-8.231157248	-5.70153842	0.4318221	0.3282729	0.1502741	0.194785	-6.669151
7125000000	1.308996939	-2.094395102	-4.288064253	-4.462840462	-9.057151337	-8.170110111	0.3725577	0.3578623	0.1242467	0.1562414	-5.9900113
7125000000	1.308996939	-2.04305225	-5.205757353	-4.311869232	-7.051347651	-7.785083964	0.3015951	0.3705212	0.1772771	0.1665297	-5.9519919
7125000000	1.308996939	-1.989675347	-6.642263998	-4.492291284	-5.232406071	-7.341557021	0.2166574	0.3554437	0.2997501	0.1844354	-5.7827818
7125000000	1.308996939	-1.93731547	-8.430158602	-4.902849626	-6.309930496	-7.670028082	0.1435437	0.3233814	0.3944579	0.1710004	-5.8821895
7125000000	1.308996939	-1.884955592	-9.500536969	-5.513172958	-3.979214086	-8.021926594	0.112188	0.2809847	0.4000171	0.1576912	-6.2393383
7125000000	1.308996939	-1.832595715	-8.932398527	-5.884283594	-4.276413797	-7.132754964	0.1278675	0.2579714	0.3735585	0.1935194	-6.2300049
7125000000	1.308996939	-1.780235837	-6.644942409	-5.121009517	-3.747942543	-5.564624154	0.2165239	0.3075382	0.4218963	0.2776755	-5.144085
7125000000	1.308996939	-1.72787596	-3.64666252	-3.609291569	-4.906358184	-4.426076256	0.4318508	0.4535829	0.5629392	0.3609404	-3.4889712
7125000000	1.308996939	-1.675516082	-1.384096554	-2.545666536	-1.606449389	-3.906436093	0.7270936	0.5564592	0.6908043	0.406777	-2.2527612
7125000000	1.308996939	-1.623156204	-0.167436787	-2.400025566	-1.822079187	-3.646264912	0.96218	0.5754365	0.6573437	0.4318904	-1.8262462
7125000000	1.308996939	-1.570796327	0.540394135	-2.726216687	-2.690326937	-3.217687598	1.1325031	0.5337997	0.538224	0.4768447	-1.7372891
7125000000	1.308996939	-1.518436449	1.397905926	-2.610145814	-2.644793938	-2.494912708	1.3797188	0.5482586	0.543902	0.5630004	-1.1991849
7125000000	1.308996939	-1.466076572	2.440157352	-1.719115474	-1.349909698	-1.688523996	1.753944	0.6731137	0.7328399	0.6778719	-1.079811
7125000000	1.308996939	-1.413716694	3.077919851	-0.70957941	-0.327383369	-1.143254068	2.0313838	0.8492627	0.9281575	0.7685544	0.5855492
7125000000	1.308996939	-1.361356817	2.865658218	-0.367089448	-0.369576991	-1.105177236	1.934487	0.9189483	0.918422	0.773223	0.58568212
7125000000	1.308996939	-1.308996939	2.013661067	-0.780023233	-0.868961089	-1.544295629	1.5898864	0.8355985	0.8186608	0.7007618	-0.0602316
7125000000	1.308996939	-1.25663706									

7125000000	1.308996939	1.151917306	-5.436753831	3.129772764	1.878523552	0.950925153	0.2859727	2.055783	1.5411764	1.2447798	1.0786363
7125000000	1.308996939	1.204277184	-4.959395637	3.053509417	0.625842585	-0.076564685	0.3191585	2.019998	1.155006	0.9825248	0.4889678
7125000000	1.308996939	1.256637061	-3.562962696	3.260603479	0.304578883	-0.321469828	0.4402544	2.1186555	1.0726496	0.928652	0.56925
7125000000	1.308996939	1.308996939	-2.1142098	3.948095257	1.031326229	0.294594806	0.6145808	2.4824043	1.268039	1.0701865	1.3312763
7125000000	1.308996939	1.361356817	-1.642253052	4.512056019	1.419417806	0.811700223	0.6851327	2.8262176	1.3865699	1.1855384	1.8351384
7125000000	1.308996939	1.413716694	-2.35584793	4.522982428	0.875387595	0.732522755	0.5813199	2.8333371	1.2231361	1.183729	1.6299
7125000000	1.308996939	1.466076572	-3.451285008	4.104704474	0.023731192	0.212088866	0.4517223	2.5731817	1.006341	1.0500474	1.039118
7125000000	1.308996939	1.518436449	-3.611015537	3.594631653	-0.184987972	-0.224479269	0.43541	2.2880376	0.9582994	0.9496249	0.6364967
7125000000	1.308996939	1.570796327	-2.737802775	3.06718669	0.237314368	-0.264796621	0.5323775	2.0263696	1.0561642	0.9408499	0.5650096
7125000000	1.308996939	1.623156204	-2.199972421	2.229771909	0.489693056	-0.227240204	0.6025634	1.6710029	1.1193588	0.9490213	0.3562446
7125000000	1.308996939	1.675516082	-2.913303469	0.805189477	-0.080672902	-0.550472891	0.5112928	1.2037019	0.9815958	0.8809529	-0.4847507
7125000000	1.308996939	1.72787596	-4.53345453	-1.219671095	-1.708721256	-1.362574032	0.3520907	0.7551494	0.6747265	0.7307059	-2.019241
7125000000	1.308996939	1.780235837	-5.548118216	-3.580225333	-3.927879465	-2.519422994	0.2787329	0.4385079	0.4047735	0.559832	-3.762737
7125000000	1.308996939	1.832595715	-5.352966476	-5.18868914	-5.207864876	-3.769120175	0.2915435	0.3027827	0.3014488	0.419844	-4.8292985
7125000000	1.308996939	1.884955592	-5.273473008	-4.561750267	-5.080606219	-4.964133937	0.2969291	0.3498042	0.3104126	0.3188501	-4.9621068
7125000000	1.308996939	1.93731547	-5.931821128	-3.242762307	-5.542623915	-6.257555834	0.2551631	0.4739404	0.2790857	0.2367252	-5.0692049
7125000000	1.308996939	1.989675347	-6.864477107	-2.79585593	-7.209001896	-8.064116047	0.2058507	0.5253085	0.1901515	0.1561667	-5.695184
7125000000	1.308996939	2.042053225	-7.652909748	-2.637387876	-8.015869152	-10.75039322	0.1716758	0.5448302	0.1579113	0.0841377	-6.2044296
7125000000	1.308996939	2.094395102	-7.584611731	-1.557183687	-7.372968897	-13.56157762	0.1743969	0.6986853	0.1831062	0.0404095	-5.6057731
7125000000	1.308996939	2.14675498	-6.40697208	-0.482892372	-6.433884608	-12.92487332	0.2287193	0.8947687	0.2273063	0.0509932	-4.553778
7125000000	1.308996939	2.199114858	-5.835006582	-0.683472798	-6.284567425	-9.807297762	0.2609152	0.8543832	0.2352574	0.104537	-4.3916929
7125000000	1.308996939	2.251474735	-6.892809995	-2.438122516	-8.882642696	-7.058163911	0.2045121	0.5704108	0.1293409	0.1968718	-5.6021918
7125000000	1.308996939	2.303834613	-8.600711336	-5.414988783	-13.41217865	-5.191829503	0.1380158	0.2874095	0.045808	0.3025639	-7.1356037
7125000000	1.308996939	2.35619449	-8.34282212	-7.977022097	-8.384987842	-4.32115784	0.1464596	0.1593301	0.1450445	0.3697729	-6.8794767
7125000000	1.308996939	2.408554368	-8.027455758	-6.589559359	-7.480047345	-4.311929345	0.1574905	0.2193027	0.1786468	0.7035161	-6.3546957
7125000000	1.308996939	2.460914243	-10.12518272	-4.260559959	-13.21955111	-4.697890968	0.0971587	0.3749247	0.047648	0.3390087	-6.6819823
7125000000	1.308996939	2.513274125	-14.72001742	-4.279296486	-15.80722851	-5.195612643	0.0337286	0.3733106	0.0262589	0.3023004	-7.3541912
7125000000	1.308996939	2.565634	-14.9493981	-6.986361902	-11.54034025	-5.892498891	0.0319934	0.2001538	0.07014	0.2574839	-8.540495
7125000000	1.308996939	2.617993878	-13.25188881	-8.062902024	-13.74228234	-6.133189443	0.0472946	0.1562103	0.0422447	0.2436021	-9.1243892
7125000000	1.308996939	2.670353756	-12.81960822	-6.281107085	-16.63474218	-5.503923769	0.0522443	0.2354449	0.0686319	0.2815838	-7.9730407
7125000000	1.308996939	2.721271363	-11.48207211	-7.092112312	-8.176917808	-5.355719083	0.0710874	0.1953389	0.1521627	0.2913586	-7.9583357
7125000000	1.308996939	2.775073511	-10.74439548	-10.11957521	-7.18094511	-6.659917565	0.0842482	0.0972842	0.1914038	0.2157785	-8.321551
7125000000	1.308996939	2.827433388	-11.33721394	-12.13493595	-8.024586692	-9.159831637	0.0734985	0.0611655	0.1575953	0.1213436	-9.8547647
7125000000	1.308996939	2.879793266	-12.17792046	-14.34510665	-11.82521524	-10.47923417	0.0605631	0.0367696	0.0656869	0.0895523	-11.996751
7125000000	1.308996939	2.932153143	-11.32619134	-17.10365496	-18.27815548	-10.14760578	0.0736853	0.019482	0.0148657	0.0966584	-12.909605
7125000000	1.308996939	2.984513021	-10.19161324	-20.93592996	-11.15970157	-11.15970157	0.0956839	0.0327694	0.0080613	0.0765649	-12.735183
7125000000	1.308996939	3.036872899	-11.80777747	-15.5158165	-20.73042794	-14.41604327	0.0659511	0.0319773	0.008452	0.0361739	-14.480796
7125000000	1.308996939	3.089232776	-16.59756774	-22.63622317	-16.22198846	-18.73852445	0.0218899	0.0054498	0.0238672	0.0133705	-17.9198
7125000000	1.308996939	3.141592654	-19.1363002	-19.90078163	-14.50141612	-19.67110991	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.361356817	-3.141592654	-19.13630022	-19.90078151	-14.50141612	-19.67110991	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.361356817	-3.089232776	-20.06996597	-14.93783655	-14.14604831	-16.41753996	0.0098402	0.0320787	0.0384942	0.0228163	-15.882566
7125000000	1.361356817	-3.036872899	-18.32644798	-12.81992976	-15.02498545	-12.72047215	0.0147013	0.0522405	0.0314414	0.0534506	-12.046715
7125000000	1.361356817	-2.984513021	-18.98526723	-9.513968862	-14.26186386	-9.600335126	0.012632	0.1118415	0.0374812	0.1096394	-11.681396
7125000000	1.361356817	-2.932153143	-21.91375523	-7.764903142	-12.40257747	-7.95009183	0.0064361	0.1673053	0.0575099	0.1602879	-10.092847
7125000000	1.361356817	-2.879793266	-15.78507044	-7.820284806	-12.69346412	-7.713522169	0.0263933	0.1651853	0.0537818	0.1692964	-9.8437114
7125000000	1.361356817	-2.827433388	-11.18059689	-8.294029664	-11.89972445	-7.522876749	0.0761974	0.1481143	0.0645695	0.1768937	-9.3288387
7125000000	1.361356817	-2.775073511	-8.27345373	-8.068443737	-11.1508806	-6.73102272	0.1488177	0.1560111	0.0767206	0.2122745	-8.2840232
7125000000	1.361356817	-2.722713633	-7.441585308	-7.512108365	-7.210635457	-6.549599092	0.180236	0.1773328	0.0628586	0.2213299	-7.9468918
7125000000	1.361356817	-2.7670353756	-8.76344166	-7.604871844	-10.30178021	-7.275661599	0.13294	0.1735852	0.0932872	0.1756259	-8.3337183
7125000000	1.361356817	-2.617993878	-10.77206749	-8.023149738	-9.368806375	-7.564318907	0.0837131	0.1576468	0.115643	0.1752137	-8.7597162
7125000000	1.361356817	-2.565634	-9.412243033	-7.621888889	-10.06025754	-6.579370678	0.1144921	0.1279064	0.0986221	0.2198173	-8.7079312
7125000000	1.361356817	-2.513274123	-6.729485833	-7.205414793	-10.59794011	-6.535879354	0.2123496	0.1903086	0.0871377	0.2731568	-7.1956235
7125000000	1.361356817	-2.460914245	-5.908821799	-7.6013363	-11.47948797	-6.12621179	0.256518	0.1737266	0.0711297	0.2675339	-7.1618547
7125000000	1.361356817	-2.408554368	-7.707887796	-8.031257164	-12.54671757	-7.049293095	0.1695162	0.1573527	0.0556395	0.1972744	-8.3879469
7125000000	1.361356817	-2.35619449	-10.61783547	-7.71558971	-8.482045373	-7.049293095	0.0867394	0.1692158	0.0608501	0.1418389	-9.4058397
7125000000	1.361356817	-2.303834613	-7.89707707	-7.009585727	-12.19844052	-7.718660917	0.1622902	0.1990863	0.0602776	0.1690962	-8.3065601
7125000000	1.361356817	-2.251474735	-4.727368436	-6.161311369	-11.04202847	-6.306709551	0.3367155	0.2420298	0.0786678	0.234061	-6.5195123
7125000000	1.361356817	-2.199114858	-3.301670489	-5.382210084	-8.647565799	-6.1268503	0.4675553	0.289587	0.1365348	0.2439579	-5.4605705
7125000000	1.361356817	-2.14675498	-2.969097117	-4.800143005	-8.45302069	-7.252385468	0.5047662	0.3311202	0.14279	0.1894355	-5.347555
7125000000	1.361356817	-2.094395102	-3.201452897	-4.273635496	-9.171324018	-8.195248501	0.47847	0.3737975	0.1210229	0.1515218	-5.5097995
7125000000	1.361356817	-2.042053225	-3.894429182	-3.771540307	-7.267045538	-7.494095342	0.4079032	0.4196011	0.187627	0.1780699	-5.2534302
7125000000	1.361356817	-1.989675347	-5.108010716	-3.562637713	-4.82444141	-6.50553167	0.3084601	0.4042874	0.3292728	0.2235879	-5.8757999
7125000000	1.361356817	-1.93731547	-6.646595443	-3.970549312	-3.614563476	-6.104386689	0.2164415	0.400816	0.4350545	0.2452231	-4.889409
7125000000	1.361356817	-1.884955592	-8.297484514	-5.012009656	-7.008872879	-5.71483773	0.1479965	0.3153545	0.4384571	0.2682351	-5.3885794
7125000000	1.361356817	-1.832595715	-9.717705765	-5.996704581	-3.5951409124	-4.796646108	0.106716	0.2513739	0.4025864	0.3313869	-5.6381006
7125000000	1.361356817	-1.780235837	-8.596147102	-5.791848915	-3.489109167	-3.637702071	0.1381609	0.2635209	0.4478051	0.4327427	-4.4909414
7125000000	1.361356817	-1.72787596	-4.893170863	-4.675583388	-2.73494931	-2.712711259	0.3241029	0.3407545	0.5924484	0.5354623	-4.4853588
7125000000	1.361356817	-1.675516082	-2.033586								

7125000000	1.361356817	0.73038286	-10.68063701	1.704281364	-3.689245215	0.302470945	0.0854941	1.4805672	0.4276372	1.0721291	-1.1551225
7125000000	1.361356817	0.785398163	-11.75799053	2.493119547	-1.061595926	1.271262976	0.0667115	1.7754643	0.7831418	1.3400663	-0.0377474
7125000000	1.361356817	0.837758041	-10.01014796	3.771635455	0.808788301	2.227358337	0.0997666	2.3777355	1.2046998	1.6700745	1.2647854
7125000000	1.361356817	0.890117919	-7.634645326	4.481295932	1.04959659	2.603362313	0.1723993	2.8062709	1.2733848	1.8211102	1.813551
7125000000	1.361356817	0.942477796	-6.240108227	4.476770451	0.507434404	2.503578898	0.2376781	2.8033482	1.1239408	1.7392335	1.6910111
7125000000	1.361356817	0.994837674	-5.757039977	3.99474863	0.785881354	2.068213198	0.2656451	2.508851	1.1983623	1.6099831	1.4479503
7125000000	1.361356817	1.047197551	-5.798022873	3.337652505	1.967256074	1.947468758	0.2631466	2.1565784	1.5793032	1.5658382	1.429028
7125000000	1.361356817	1.099557429	-6.058582796	2.680489482	2.574211326	1.81558745	0.2478231	1.8537405	1.8089274	1.5190034	1.326994
7125000000	1.361356817	1.151917306	-6.259833711	2.105893895	1.859829642	1.353290937	0.366601	1.6240126	1.5345568	1.3656176	0.7561885
7125000000	1.361356817	1.204277184	-5.689118623	1.919081271	0.515878789	0.857143778	0.2698287	1.5556365	1.1261283	1.2181882	0.1805333
7125000000	1.361356817	1.256637061	-4.139175991	2.516579845	0.09371306	1.031511679	0.3855515	1.7850812	1.0218127	1.2680902	0.4732731
7125000000	1.361356817	1.308996939	-2.628027821	3.522116209	0.733523792	1.729232492	0.5460058	2.2501508	1.1840018	1.4890979	1.3586828
7125000000	1.361356817	1.361356817	-2.135597639	4.159113882	1.021226598	2.16057119	0.6115616	2.6056219	1.2650936	1.644588	1.8517833
7125000000	1.361356817	1.413716694	-2.85139028	4.126036076	0.328291799	1.961693113	0.518634	2.5858517	1.0785224	1.5709751	1.579086
7125000000	1.361356817	1.466076572	-4.03685755	3.597417154	-0.664330065	1.304940555	0.3947584	2.2895056	0.8581575	1.3504983	0.8750811
7125000000	1.361356817	1.518436449	-4.395278641	2.907830235	-0.924936123	0.715716099	0.363473	1.9533633	0.8081768	1.1791569	0.3182943
7125000000	1.361356817	1.570796327	-3.624659512	2.136854996	-0.436671698	0.53960202	0.4304404	1.6356316	0.9043423	1.1322966	0.1139225
7125000000	1.361356817	1.623156204	-3.074958685	0.961699184	-0.035693704	0.450901064	0.492611	1.2478717	0.9918149	1.109405	-0.1753626
7125000000	1.361356817	1.675516082	-3.815717394	-0.921177073	-0.40260384	-0.083492527	0.4153634	0.8088766	0.9076943	0.9809588	-1.0889578
7125000000	1.361356817	1.72787596	-5.48224341	-3.189354652	-1.907791193	-1.269984073	0.282993	0.4798047	0.644497	0.7464515	-2.6886547
7125000000	1.361356817	1.780235837	-6.153221476	-4.468976375	-4.13175915	-2.832531871	0.2424811	0.3573571	0.3862105	0.520891	-4.2396415
7125000000	1.361356817	1.832595715	-5.359931971	-3.761616402	-5.630684666	-4.071519816	0.2910763	0.4205701	0.2734838	0.3916048	-4.6320967
7125000000	1.361356817	1.884955592	-4.82395315	-2.15267713	-5.72096404	-4.663348978	0.3293098	0.6091613	0.2678574	0.3417158	-4.1227661
7125000000	1.361356817	1.93731547	-5.029697304	-0.971893695	-6.373229142	-5.176926353	0.3140728	0.7994856	0.2305033	0.3036039	-3.8519094
7125000000	1.361356817	1.989675347	-5.479710951	-0.771479238	-8.207314292	-6.198968023	0.283158	0.8372441	0.1511014	0.2399403	-4.7913927
7125000000	1.361356817	2.042035225	-5.972430563	-1.213568165	-8.795528951	-7.889768237	0.2527883	0.7562113	0.1319615	0.1625636	-4.8694075
7125000000	1.361356817	2.094395102	-6.325522455	-1.104504064	-8.2040718	-9.920263121	0.2330493	0.7754425	0.1512143	0.101853	-5.0115242
7125000000	1.361356817	2.14675489	-6.061834723	-0.436980204	-7.490097137	-11.04224665	0.2476376	0.904278	0.1782339	0.0786639	-4.5320653
7125000000	1.361356817	2.19714858	-5.975780996	-0.636130385	-7.289357381	-10.18840252	0.2525933	0.8637478	0.1866656	0.0957546	-4.5631636
7125000000	1.361356817	2.251474735	-7.190225943	-2.45461581	-9.8667922	-8.252977818	0.1909754	0.5682487	0.1031147	0.149521	-5.9693965
7125000000	1.361356817	2.303834613	-9.074300739	-5.797566351	-16.17566351	-6.231212454	0.123757	0.2631742	0.0241237	0.2381654	-7.8967837
7125000000	1.361356817	2.35619449	-9.226160424	-8.505373617	-9.832437385	-4.784125541	0.1195044	0.1410673	0.1039337	0.2332437	-7.5892125
7125000000	1.361356817	2.408554368	-9.49423463	-6.67388216	-14.84944216	-4.320093589	0.1123509	0.2150858	0.1440475	0.3698202	-7.1070684
7125000000	1.361356817	2.460914245	-12.33752861	-4.352452964	-13.61998896	-4.896137292	0.0583777	0.3670749	0.0434511	0.3238816	-7.0290437
7125000000	1.361356817	2.513274123	-15.67369292	-4.36387161	-16.64845577	-6.398702839	0.0270789	0.3661111	0.0216349	0.2291552	-7.9318761
7125000000	1.361356817	2.565634	-13.89691504	-6.740235354	-12.95759308	-8.375745366	0.040767	0.2118246	0.0506105	0.1453535	-9.0026787
7125000000	1.361356817	2.617993878	-12.81657741	-7.429845284	-13.68494857	-8.400188827	0.0522808	0.1807239	0.0432664	0.1445377	-7.9797525
7125000000	1.361356817	2.670353756	-12.11048684	-5.962007325	-9.923498932	-6.393177874	0.0615108	0.2533957	0.1017778	0.2294469	-7.9175927
7125000000	1.361356817	2.722713633	-11.02506195	-6.990889666	-7.088351045	-5.549480189	0.0789758	0.1999452	0.1955082	0.2786224	-7.2523531
7125000000	1.361356817	2.775073511	-10.79034127	-10.08781441	-6.47202869	-6.659624307	0.0833616	0.0979983	0.2253186	0.2157931	-8.0794307
7125000000	1.361356817	2.827433388	-11.15014275	-11.8420819	-7.784775595	-9.138203456	0.0767336	0.0654322	0.1665415	0.1219494	-6.9792873
7125000000	1.361356817	2.879793266	-11.68783379	-14.10247107	-12.49494781	-10.57214011	0.067798	0.0388824	0.0562996	0.0876569	-12.030151
7125000000	1.361356817	2.932153143	-11.36254991	-17.77845228	-21.32136177	-10.47490103	0.073071	0.0166784	0.0073767	0.0896417	-13.30758
7125000000	1.361356817	2.984513021	-10.52343479	-15.63552406	-21.46427277	-11.59516875	0.0886455	0.0273197	0.007138	0.0692601	-13.179478
7125000000	1.361356817	3.036872899	-12.10282473	-15.66708469	-20.26648868	-14.79846705	0.0616194	0.0271201	0.0094048	0.0331248	-14.838973
7125000000	1.361356817	3.089232776	-16.70834132	-23.30983469	-16.25305621	-18.98538377	0.0213386	0.0046668	0.0236971	0.0126317	-18.073342
7125000000	1.361356817	3.141592654	-19.13630022	-19.90078151	-14.5014163	-19.6711098	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.413716694	-3.141592654	-19.13630018	-19.90078155	-14.50141629	-19.67110982	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.413716694	-3.089232776	-20.03045552	-14.8495613	-14.14450857	-16.52085611	0.0099301	0.0327374	0.038508	0.02228	-15.873064
7125000000	1.413716694	-3.036872899	-18.55339168	-12.81404614	-14.97650087	-12.92125411	0.0139528	0.0523113	0.0317943	0.0510358	-14.285993
7125000000	1.413716694	-2.984513021	-18.78576892	-9.83195403	-13.44402552	-9.624188689	0.0132258	0.1039452	0.0452478	0.1090388	-11.683578
7125000000	1.413716694	-2.932153143	-20.21222914	-7.939958061	-11.36744191	-7.849697007	0.0095231	0.1606957	0.0729887	0.1640704	-9.9216914
7125000000	1.413716694	-2.879793266	-15.83134815	-7.64422894	-12.06393226	-7.542817977	0.0261135	0.1720193	0.0621737	0.1760833	-9.621861
7125000000	1.413716694	-2.827433388	-12.7063748	-8.019222502	-12.2636819	-7.207435461	0.0536244	0.1577894	0.0593789	0.1902201	-9.3834705
7125000000	1.413716694	-2.775073511	-10.08364451	-8.041951596	-12.07825912	-6.340175966	0.0980924	0.1569657	0.0619689	0.2322643	-8.6225721
7125000000	1.413716694	-2.722713633	-8.325282338	-7.503698123	-13.50920086	-6.242845154	0.1470523	0.1776766	0.0445378	0.2375284	-8.1899219
7125000000	1.413716694	-2.670353756	-8.278864507	-7.378029818	-11.10300431	-6.998478471	0.1486324	0.182893	0.077571	0.1959561	-8.1766199
7125000000	1.413716694	-2.617993878	-9.703873578	-7.730939882	-9.997045308	-7.06847339	0.1070564	0.1686188	0.1006081	0.1964051	-8.4455136
7125000000	1.413716694	-2.565634	-10.12408019	-7.508468878	-10.88457783	-6.062816215	0.0971834	0.1774815	0.0815722	0.2475816	-8.2153623
7125000000	1.413716694	-2.513274123	-8.004858621	-7.180182949	-11.345955	-5.385067927	0.1583121	0.1914175	0.0733507	0.2893965	-7.4928924
7125000000	1.413716694	-2.460914245	-7.042199353	-7.584069296	-12.06569459	-5.706541863	0.1975969	0.1744187	0.0621485	0.2687478	-7.5515877
7125000000	1.413716694	-2.408554368	-9.239394751	-7.904369522	-13.18624078	-6.871505407	0.1191408	0.1620179	0.0480149	0.2055178	-8.7956540
7125000000	1.413716694	-2.35619449	-14.33763439	-7.545022699	-12.68697876	-7.495316237	0.036833	0.1759939	0.0538644	0.1780198	-9.5398196
7125000000	1.413716694	-2.303834613	-9.524581368	-7.272302901	-12.52419102	-6.512925347	0.1115686	0.1874001	0.0559218	0.2232068	-8.5095912
7125000000	1.413716694	-2.251474735	-5.166643301	-6.937081216	-11.56208694	-5.640163262	0.3043236	0.2024379	0.0697897	0.2728875	-6.7929791
7125000000	1.413716694	-2.199114858	-3.255220213	-6.203281233	-9.230195918	-5.99635368	0.4725829	0.2397021	0.1193934	0.2513995	-5.6740028
7125000000	1.413716694	-2.14675489	-2.713888714	-5.482500776	-8.892226463	-7.245484519	0.5353171	0.2829762	0.1290557	0.1885699	-5.467161
7125000000	1.413716694	-2.094395102									

7125000000	1.413716694	0.314159265	-17.96443469	-2.059260228	-9.429280498	-4.599505207	0.0159793	0.6224063	0.1140439	0.3467764	-5.6098099
7125000000	1.413716694	0.366519143	-15.97947806	-1.99517248	-8.341997108	-4.172486275	0.0253278	0.6316591	0.1464874	0.3826056	-5.2797897
7125000000	1.413716694	0.41887902	-13.38012325	-1.818568205	-7.664173801	-3.175500249	0.0459185	0.6578747	0.1712311	0.4813378	-4.6968435
7125000000	1.413716694	0.471238896	-13.55240315	-1.031053119	-6.258331296	-2.145216181	0.0441326	0.7886689	0.2366829	0.6102087	-3.7683007
7125000000	1.413716694	0.523598776	-16.3789135	0.008489957	-4.43105491	-1.263858029	0.0230202	1.0019568	0.3604911	0.7475052	-2.7307459
7125000000	1.413716694	0.575958653	-16.2913847	1.185374704	-3.305156926	-0.705647355	0.0234888	1.1318248	0.4671801	0.850032	-1.7807305
7125000000	1.413716694	0.628318531	-11.16134937	2.070188839	-3.520698735	-0.61622994	0.0765359	1.6017157	0.4445597	0.8677148	-1.2500735
7125000000	1.413716694	0.680678408	-8.869243172	2.175435636	-4.217184386	-0.744762763	0.1297405	1.6502265	0.378688	0.8424104	-1.2478452
7125000000	1.413716694	0.73038286	-9.011529509	1.881965059	-3.270678354	-0.407341153	0.1255588	1.5423982	0.4709038	0.9104705	-1.1785539
7125000000	1.413716694	0.785398163	-9.707826465	2.323123086	-0.84886567	-0.554652111	0.106959	1.7073097	0.8224574	1.1362273	-0.2537855
7125000000	1.413716694	0.830758041	-8.865809731	3.405009808	0.832613699	1.437874672	0.1298431	2.1902868	1.2113269	1.3924752	0.9025206
7125000000	1.413716694	0.891117919	-7.287317586	4.171124741	0.938175854	1.724367472	0.1867533	2.6128379	1.2411309	1.4874307	1.4052005
7125000000	1.413716694	0.942477796	-6.034111612	4.421375229	0.284577645	1.515852863	0.2492234	2.767818	1.067721	1.4177031	1.3849733
7125000000	1.413716694	0.994837674	-5.365321985	4.35899245	0.503878378	1.364202621	0.2907152	2.7283447	1.1230209	1.369053	1.3918097
7125000000	1.413716694	1.047197551	-5.443665953	4.001119269	1.700202954	1.556455773	0.2855179	2.5125339	1.4791775	1.4310196	1.5444291
7125000000	1.413716694	1.099557429	-6.276399908	3.155072672	2.343118543	1.688298943	0.2357002	2.067794	1.7151885	1.4751286	1.3781375
7125000000	1.413716694	1.151917306	-7.371457082	1.85471001	1.665431701	1.407181708	0.18317	1.5327489	1.4673858	1.3826688	0.5747339
7125000000	1.413716694	1.204277184	-7.528499474	0.970838668	0.90320268	0.997614017	0.1766648	1.2505005	1.0887553	1.258234	-0.2542031
7125000000	1.413716694	1.256637061	-6.271330151	1.611289853	-0.005314114	1.117142629	0.2359755	1.4492022	0.9987771	1.2933446	-0.024717
7125000000	1.413716694	1.308996399	-4.845264689	2.936632123	0.642165417	1.714325124	0.3276978	1.9663608	1.1593553	1.4839953	0.9143913
7125000000	1.413716694	1.361356817	-4.418516705	3.743180175	0.892541549	2.084700908	0.3615333	2.3676528	1.2281578	1.6161069	1.4406418
7125000000	1.413716694	1.413716694	-5.244490505	3.762543403	0.090767294	1.843580791	0.2989172	2.3782327	1.0211199	1.5288261	1.1620047
7125000000	1.413716694	1.466076572	-6.582880406	3.210166385	-1.094636422	1.134828426	0.2196403	2.0941927	0.7772064	1.2986223	-0.4937105
7125000000	1.413716694	1.518436449	-6.950854828	2.420084143	-1.537357305	0.479681873	0.2017969	1.745856	0.7018823	1.1167814	-0.2613417
7125000000	1.413716694	1.570796327	-5.895025255	1.46941718	-0.772915154	0.211350971	0.2573342	1.4026255	0.7784584	1.094869	-0.5944778
7125000000	1.413716694	1.623156204	-5.002652105	-0.040389866	-0.570300518	-0.044937694	0.3160347	0.990743	0.8769401	0.9897061	-1.005319
7125000000	1.413716694	1.67516082	-5.383883726	-2.644555427	-0.772915154	-0.868794894	0.2894754	0.5439318	0.8369673	0.8186919	-0.2602351
7125000000	1.413716694	1.72787596	-6.375292609	-5.933226667	-2.104367605	-2.384074738	0.2303938	0.2550808	0.6159752	0.5775539	-3.7700834
7125000000	1.413716694	1.780235837	-6.015600327	-6.27603759	-4.242390197	-3.76546592	0.250288	0.2357199	0.3764965	0.4201974	-4.9393427
7125000000	1.413716694	1.832595715	-4.646419671	-3.837435929	-5.7866917	-3.834729491	0.343505	0.4132914	0.263834	0.4135491	-4.4559412
7125000000	1.413716694	1.884955592	-3.891774247	-1.766335999	-6.050836901	-3.258011947	0.4081526	0.6658347	0.2482655	0.4722792	-3.481088
7125000000	1.413716694	1.93731547	-4.017909094	-0.574732017	-6.842601726	-3.135747073	0.3964689	0.8764058	0.2068902	0.485764	-3.0866014
7125000000	1.413716694	1.989675347	-4.609275684	-0.379241067	-0.972338853	-3.723388919	0.3459971	0.9163086	0.140372	0.4242884	-3.4031239
7125000000	1.413716694	2.042035225	-5.467252653	-1.056128899	-8.850632664	-4.889736049	0.2839715	0.7841283	0.1302977	0.3243593	-4.1942945
7125000000	1.413716694	2.094395102	-6.513642402	-1.705446194	-6.889146039	-6.382695454	0.22317	0.6752357	0.1352338	0.2300014	-5.0043632
7125000000	1.413716694	2.14675498	-7.197782575	-1.580705418	-8.484848196	-7.985281653	0.1906434	0.6949114	0.1417474	0.1590274	-5.2785462
7125000000	1.413716694	2.199114858	-7.551574012	-1.851912007	-8.312847819	-9.763931909	0.1757287	0.6258431	0.1474739	0.1058661	-5.9798056
7125000000	1.413716694	2.251474735	-8.608821598	-3.709459367	-10.98749561	-10.78922985	0.1377583	0.4256514	0.0796619	0.0833289	-7.4085186
7125000000	1.413716694	2.303834613	-10.13175191	-7.186798243	-20.63986811	-8.572040564	0.0970119	0.1911262	0.00863	0.13893	-9.6287437
7125000000	1.413716694	2.35619449	-10.56617367	-9.46458948	-10.81849848	-5.828410908	0.0877774	0.1131204	0.0828228	0.2613117	-8.5637678
7125000000	1.413716694	2.408554368	-11.52747159	-7.242161025	-8.818904403	-4.650292591	0.0703482	0.1887052	0.1312531	0.3427447	-7.3692569
7125000000	1.413716694	2.460914245	-13.95558474	-4.959371683	-13.32733358	-5.077404864	0.04022	0.3192	0.0464801	0.3106415	-7.4681865
7125000000	1.413716694	2.513274123	-13.46492273	-4.830536813	-17.69004893	-6.92539465	0.0450306	0.328811	0.0170214	0.2029834	-8.2835888
7125000000	1.413716694	2.565634	-12.17675988	-6.832432899	-14.3414694	-10.01217545	0.0605793	0.2073751	0.0367985	0.09972	-9.517046
7125000000	1.413716694	2.617993873	-12.26200665	-7.584729663	-12.92512086	-10.55997788	0.0594018	0.1743922	0.0509903	0.0879027	-10.307158
7125000000	1.413716694	2.670353756	-11.36530797	-6.383448598	-8.690819508	-7.491690311	0.0730246	0.2299615	0.1349566	0.1781685	-8.1240089
7125000000	1.413716694	2.722713633	-10.51194839	-7.315075848	-6.35834196	-6.229726453	0.0888802	0.1855634	0.2312948	0.238247	-7.3049559
7125000000	1.413716694	2.775073511	-10.78892823	-10.0492269	-6.037392751	-7.338314592	0.0833887	0.0988729	0.2490352	0.1845732	-5.1257097
7125000000	1.413716694	2.827433388	-10.96906858	-11.72583282	-7.654844585	-9.866635345	0.0800006	0.0672073	0.1715993	0.1031185	-9.7682401
7125000000	1.413716694	2.879793266	-11.29606564	-14.3587368	-12.96525669	-11.12492658	0.0741982	0.0366544	0.0505213	0.0771805	-12.244726
7125000000	1.413716694	2.923153143	-11.42873606	-18.76288474	-23.51358458	-11.0095297	0.0719658	0.0132957	0.0044529	0.0792587	-13.742423
7125000000	1.413716694	2.984513021	-10.88095393	-16.46720074	-20.66384709	-12.13931102	0.0816403	0.0225569	0.0085825	0.0611309	-13.618012
7125000000	1.413716694	3.038232776	-12.42595337	-16.47119635	-19.53811434	-15.20630225	0.0572011	0.0225362	0.0111221	0.0301557	-15.192201
7125000000	1.413716694	3.089232776	-16.83640731	-24.04690031	-16.26893365	-19.23593173	0.0207185	0.0039383	0.0236106	0.0119236	-18.2252383
7125000000	1.413716694	3.141592654	-19.13630018	-19.90078155	-14.50141629	-19.67110982	0.0122003	0.0102311	0.0354698	0.1078667	-17.6518
7125000000	1.413716694	3.141592654	-19.13630031	-19.90078141	-14.50141585	-19.67111025	0.0122003	0.0102311	0.0354698	0.1078667	-17.6518
7125000000	1.413716694	3.089232776	-19.98449735	-14.75639159	-14.1535343	-16.64336665	0.0100358	0.0334479	0.0216602	0.0216602	-15.868211
7125000000	1.413716694	3.038232776	-18.71165187	-12.73692746	-14.9248747	-13.11770045	0.0134535	0.0532485	0.0321746	0.0407787	-14.328113
7125000000	1.413716694	3.089232776	-18.306598	-10.70004627	-12.67227313	-9.621044534	0.014687	0.0974096	0.0540471	0.1091778	-11.628829
7125000000	1.413716694	2.932153143	-18.53614336	-8.170206832	-10.45327869	-7.755177232	0.0140083	0.152398	0.0900891	0.1676804	-9.7451411
7125000000	1.413716694	2.879793266	-15.5164658	-7.552759366	-11.045066289	-7.441557991	0.0280772	0.1756807	0.0716034	0.1802371	-9.4347781
7125000000	1.413716694	2.827433388	-14.44886859	-7.773921152	-12.50520293	-7.046588503	0.0359015	0.1696983	0.0561668	0.1793973	-9.4247164
7125000000	1.413716694	2.775073511	-13.19200182	-7.995054416	-12.76893304	-6.154824451	0.0479512	0.1586699	0.0528575	0.2423916	-9.0146854
7125000000	1.413716694	2.722713633	-15.468835	-7.5468835	-15.18096303	-6.125990727	0.0948597	0.1759186	0.0303322	0.0084602	-6.6557055
7125000000	1.413716694	2.670353756	-8.852661506	-7.264276561	-12.84264425	-9.589896162	0.1302368	0.1877467	0.0564593	0.2060679	-8.382497
7125000000	1.413716694	2.617993873	-9.566037334	-7.585729666	-11.202093	-6.808631501	0.1105086	0.1714352	0.0758212	0.2085148	-8.4879763
7125000000	1.413716694	2.565634	-10.67158019	-7.475323753	-12.26953454	-5.965195553	0.0856726	0.1788412	0.0592989	0.2532098	-8.4086772
7125000000	1.413716694	2.513274123									

7125000000	1.466076572	-0.104719755	-5.82548704	-9.530188465	-8.472164399	-7.387307443	0.2614877	0.1114246	0.142162	0.1825027	-7.5846782
7125000000	1.466076572	-0.052359878	-5.63886327	-10.10935956	-9.489217302	-7.202322999	0.2729692	0.0975133	0.1124808	0.1904442	-7.7378204
7125000000	1.466076572	-4.44E-16	-6.404297459	-6.92923506	-9.885709969	-7.705971856	0.2288602	0.202804	0.1026666	0.169591	-7.545351
7125000000	1.466076572	0.052359878	-8.281275493	-4.6673874	-10.00946651	-7.345561847	0.1485499	0.3413982	0.0997823	0.1842654	-7.1332137
7125000000	1.466076572	0.104719755	-9.694381842	-4.484617543	-9.995973248	-5.775925277	0.1072906	0.3560723	0.1000928	0.2644889	-6.8405868
7125000000	1.466076572	0.157079633	-10.70869979	-5.501313754	-10.65168482	-4.452969071	0.0849435	0.281753	0.080606	0.3586766	-6.9280404
7125000000	1.466076572	0.20943951	-12.18270957	-5.078403433	-12.07734857	-4.075412143	0.0604963	0.3105701	0.0619819	0.391254	-6.8597344
7125000000	1.466076572	0.261799388	-14.82279085	-3.124041239	-12.08203119	-4.427824731	0.0329398	0.487075	0.0619151	0.3607593	-6.2769143
7125000000	1.466076572	0.314159265	-18.92145217	-2.033334835	-10.3334519	-4.491912672	0.012819	0.6261329	0.0926093	0.3554747	-5.6581607
7125000000	1.466076572	-17.1340021	-2.003078181	-8.913882856	-3.669112214	-3.669112214	0.0193464	0.6305103	0.1284138	0.4296242	-5.2003091
7125000000	1.466076572	0.41887902	-14.27049317	-1.886075877	-7.707630213	-2.712434601	0.0374068	0.6477276	0.1695263	0.5354964	-4.5899612
7125000000	1.466076572	0.471238898	-13.96532528	-1.01528865	-5.90605762	-2.077343471	0.0401298	0.7915368	0.2570037	0.6198201	-3.6944742
7125000000	1.466076572	0.523598776	-16.14098292	0.081732548	-3.971748083	-1.616602218	0.0243165	1.0189978	0.4007054	0.6891913	-2.7302617
7125000000	1.466076572	0.575958653	-16.15391004	1.150411329	-2.854270437	-1.265814286	0.0242443	1.3032902	0.5182902	0.7471685	-1.8825862
7125000000	1.466076572	0.628318531	-11.02114461	1.968118226	-0.327241129	-1.205829015	0.079047	1.573301	0.4980534	0.7575601	-1.3847134
7125000000	1.466076572	0.680678408	-8.391224137	2.175831043	-3.613098182	-1.312975837	0.1448364	1.6503768	0.4352013	0.7390987	-1.2937475
7125000000	1.466076572	0.733038286	-7.925225606	1.996367065	-2.739034728	-0.95385932	0.1612417	1.583568	0.5322265	0.8028124	-1.1353062
7125000000	1.466076572	0.785398163	-7.912681452	2.255897816	-0.71049752	-0.005887393	0.1617081	1.6810854	0.867551	0.9986453	-0.3280434
7125000000	1.466076572	0.837758041	-7.303544981	2.984158734	0.791276593	0.834452917	0.1860568	1.9879977	1.1998519	1.21184	0.5935005
7125000000	1.466076572	0.890117919	-6.455246789	3.509098755	0.693735407	1.122240461	0.226191	2.243163	1.173204	1.2948637	0.946251
7125000000	1.466076572	0.942477796	-5.401348316	3.784972096	-0.1429934	1.010177168	0.2883136	2.3905466	0.9676107	1.261879	0.8887552
7125000000	1.466076572	0.994837674	-4.319780468	4.093623918	-0.020481351	0.989222577	0.3698469	2.5666248	0.9952951	1.2558051	1.1290414
7125000000	1.466076572	1.047197551	-3.89784886	4.239830881	1.239142824	1.19186942	0.4075821	2.6545022	1.3301918	1.3157911	1.5442909
7125000000	1.466076572	1.095957426	-4.491676428	3.718724611	2.006903748	1.188058635	0.3554941	2.3543578	1.5874146	1.314637	1.470502
7125000000	1.466076572	1.151917309	-5.7875296	2.327005984	1.475785287	0.691796253	0.2637831	1.7088368	1.4046837	1.1726803	0.5594987
7125000000	1.466076572	1.204277184	-6.77641518	0.796723614	0.351835762	0.050978558	0.2100673	1.2013578	1.0843852	1.0118074	-0.5704774
7125000000	1.466076572	1.256637061	-6.595791952	0.92197853	0.126605409	0.065145489	0.2189882	1.2365106	1.0295811	1.0151134	-0.1296796
7125000000	1.466076572	1.308996939	-5.914916572	2.315138124	0.84517626	0.741500228	0.2561582	1.7047135	1.2148359	1.1861784	0.3756056
7125000000	1.466076572	1.361356817	-5.907858849	3.308593632	1.118766481	1.25028753	0.2565749	2.1421968	1.2938283	1.3336097	0.9918061
7125000000	1.466076572	1.413716694	-6.92442498	3.490224073	0.280894529	1.139371828	0.2030287	2.2336875	1.0668158	1.2999815	0.7949903
7125000000	1.466076572	1.466076572	-8.160368534	3.0916857	-0.061793219	0.556724254	0.1527436	2.0378329	0.7831062	1.1367695	-0.182962
7125000000	1.466076572	1.518436449	-8.043586548	2.483914496	-1.77102116	0.01520496	0.1569066	1.7717052	0.6718772	1.0035702	-0.4527567
7125000000	1.466076572	1.570796327	-6.587995922	1.768135749	-1.386213285	-0.24226642	0.2193817	1.9024969	0.7267393	0.9457435	-0.7130191
7125000000	1.466076572	1.623156204	-5.479411217	0.549168172	-0.80732399	-0.655082088	0.2831776	1.1347934	0.8303623	0.8599868	-1.0953425
7125000000	1.466076572	1.675516082	-5.484517556	-1.736631311	-0.862216668	-1.171493262	0.2828448	0.6704004	0.8199329	0.6733625	-2.1356632
7125000000	1.466076572	1.72787596	-5.881241406	-5.021916145	-2.028642382	-3.185192964	0.2581522	0.314636	0.6268098	0.4802647	-3.706862
7125000000	1.466076572	1.780235837	-5.261099103	-6.425553689	-3.997924148	-3.651313362	0.2977763	0.2277428	0.3982975	0.4313886	-4.7005494
7125000000	1.466076572	1.826595715	-3.982114736	-4.651895152	-4.661486997	-2.821557616	0.39975	0.3246182	0.283913	0.5222089	-4.1215154
7125000000	1.466076572	1.884955592	-3.343646541	-2.847848724	-5.858890589	-2.173272194	0.463058	0.5190571	0.2594842	0.6062794	-3.3536655
7125000000	1.466076572	1.93731547	-3.718064576	-1.696969813	-2.304724247	-2.304724247	0.4248088	0.6765549	0.2153373	0.5828035	-3.21868
7125000000	1.466076572	1.989673547	-4.834785995	-1.334170528	-7.946069526	-3.050311052	0.3284894	0.7355005	0.1604697	0.4954147	-3.6665329
7125000000	1.466076572	2.042035225	-6.411173663	-1.922226477	-8.4022070167	-8.4022070167	0.2284981	0.6423583	0.1535465	0.3960892	-4.4962163
7125000000	1.466076572	2.094395102	-8.298519933	-3.020502891	-8.494447219	-4.97223664	0.1479613	0.4988267	0.1414345	0.3185558	-5.5811711
7125000000	1.466076572	2.146754988	-9.839390691	-3.544634691	-8.84711482	-6.260027408	0.1037674	0.4421163	0.1304033	0.3259505	-4.614751
7125000000	1.466076572	2.199114858	-10.2150976	-4.025584181	-8.78716617	-8.93285674	0.0951678	0.3957668	0.1322158	0.127854	-7.2641631
7125000000	1.466076572	2.251474735	-10.46606778	-5.978386963	-11.0052285	-13.00215508	0.0898242	0.252444	0.0693342	0.0500939	-9.3770568
7125000000	1.466076572	2.303834613	-11.32289662	-9.306159826	-24.98874892	-10.11844478	0.0737412	0.1173232	0.0031705	0.0973096	-11.373551
7125000000	1.466076572	2.35619449	-12.15324533	-10.01994265	-10.77027281	-6.230311645	0.0609082	0.0995419	0.0845859	0.2382149	-9.1788748
7125000000	1.466076572	2.408554368	-13.12615116	-7.574837994	-8.364917933	-4.812937862	0.0486838	0.1747898	0.1457145	0.3301461	-7.9735714
7125000000	1.466076572	2.460914245	-12.37389691	-5.658585954	-11.90643099	-5.025070597	0.0578909	0.2717324	0.0644699	0.3144075	-7.517917
7125000000	1.466076572	2.513274123	-10.36597716	-5.465080165	-17.03783178	-6.281486535	0.0919184	0.2841136	0.0197796	0.2354243	-0.8106834
7125000000	1.466076572	2.565634	-10.46651025	-7.183113791	-15.10379371	-8.529167021	0.089815	0.2912884	0.030876	0.1403803	-9.4646525
7125000000	1.466076572	2.617993878	-11.67942651	-8.34710133	-12.23577013	-9.758265338	0.0679293	0.1463153	0.0597616	0.105724	-10.225848
7125000000	1.466076572	2.670353756	-10.6053388	-7.363148824	-8.024567695	-7.853534209	0.0868994	0.1835207	0.1575953	0.1639255	-8.2971562
7125000000	1.466076572	2.722713633	-9.978790757	-7.863299147	-6.026399147	-7.030062203	0.1004896	0.1635574	0.2496355	0.1981499	-7.4968229
7125000000	1.466076572	2.775073511	-10.77595746	-9.994173717	-5.902634297	-8.599897418	0.0836381	0.1001342	0.2568837	0.1380417	-8.3960819
7125000000	1.466076572	2.827433388	-10.86721436	-11.89122173	-7.665423771	-11.45301236	0.081899	0.0646961	0.1711818	0.0715647	-10.117292
7125000000	1.466076572	2.879793266	-11.06501468	-15.19541362	-13.12083384	-12.71536432	0.0782526	0.0302314	0.0487435	0.060032	-12.65059
7125000000	1.466076572	2.932153143	-11.56323624	-20.05822343	-21.64021193	-11.79116408	0.0697712	0.0098668	0.0068545	0.0662039	-14.1822195
7125000000	1.466076572	2.984513021	-11.2668998	-17.27484996	-18.92382241	-12.78924398	0.0746982	0.018729	0.012812	0.0526109	-14.010725
7125000000	1.466076572	3.036872899	-12.77473457	-17.36044563	-18.6472146	-15.6113623	0.0527869	0.0183635	0.0136546	0.0274703	-15.5177756
7125000000	1.466076572	3.089232776	-16.98044057	-24.82140674	-16.2704271	-19.4818979	0.0200429	0.030295	0.0236025	0.011267	-18.3708718
7125000000	1.466076572	3.141592654	-19.13630031	-19.90078141	-14.50141585	-19.67111025	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.518436449	-3.145192654	-19.13630011	-19.90078151	-14.50141585	-19.67110995	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.518436449	-3.089232776	-19.93062072	-14.66132478	-14.17222294	-16.78181921	0.010161	0.0341875	0.0382629	0.0209806	-15.867336
7125000000	1.518436449	-3.036872899	-18.7926393	-12.58999399	-14.86767776	-13.29393893	0.0132049	0.0550808	0.0326011	0.0468388	-14.326039
7125000000	1.518436449	-2.984513021	-17.7373914	-10.38418871	-11.59888201	-9.580977826	0.0168369	0.0915337	0.0636959	0.1101291	-15.515097
7125000000	1.518436449	-2.932153143	-17.10043711								

7125000000	1.518436449	-0.523598776	-2.788870703	-7.633806659	-2.456170671	-10.44768484	0.5261541	0.1724326	0.5680453	0.0902052	-4.6953229
7125000000	1.518436449	-0.471238898	-2.750022246	-9.9441761	-3.12651457	-13.34421535	0.5308817	0.1012937	0.4867977	0.0462997	-5.3563235
7125000000	1.518436449	-0.41887902	-3.098038017	-12.08834685	-3.506440664	-18.17215539	0.4900001	0.0618252	0.4460216	0.015233	-5.9641629
7125000000	1.518436449	-0.366519143	-4.113668115	-12.99129087	-4.30656932	-16.3386807	0.3878227	0.0502193	0.3709737	0.0232344	-6.8180615
7125000000	1.518436449	-0.314159265	-5.040817666	-14.86386033	-5.535522728	-12.69286106	0.3132696	0.0326298	0.2795424	0.0537915	-7.7004102
7125000000	1.518436449	-0.261799388	-4.851201395	-14.85469161	-6.555725756	-11.10198103	0.3272502	0.0326987	0.2210179	0.0775893	-7.8346723
7125000000	1.518436449	-0.20943951	-4.550244479	-10.53174407	-6.889190605	-10.22357621	0.3507321	0.088476	0.2046826	0.0949822	-7.334902
7125000000	1.518436449	-0.157079633	-5.274987456	-8.636751174	-7.463878489	-8.808421394	0.2968255	0.1368752	0.1793132	0.1315703	-7.3014616
7125000000	1.518436449	-0.104719755	-5.887753497	-9.481867833	-8.613726493	-7.47609926	0.2577654	0.1126713	0.1376028	0.1788093	-7.6519884
7125000000	1.518436449	-0.052359878	-5.665394009	-9.981228591	-9.479636405	-7.220201828	0.2713068	0.1004332	0.1127292	0.1896618	-7.7315177
7125000000	1.518436449	-4.44E-16	-6.404297577	-6.92923539	-9.885709813	-7.705971988	0.2288602	0.202804	0.1026666	0.169591	-7.5453563
7125000000	1.518436449	0.052359878	-8.333842076	-4.693888519	-10.04066307	-7.227678481	0.1467627	0.3393213	0.0990681	0.1893355	-7.1304549
7125000000	1.518436449	0.104719755	-9.750793321	-4.496532735	-10.15821642	-5.591671169	0.105906	0.3550968	0.0964225	0.2759516	-6.8121855
7125000000	1.518436449	0.157079633	-10.58712607	-5.53042339	-11.20253359	-4.389414192	0.0873549	0.2798761	0.0758135	0.3639641	-6.9518181
7125000000	1.518436449	0.20943951	-12.08077886	-5.167967782	-13.12977965	-4.211809224	0.061933	0.3042308	0.0486432	0.379157	-7.0225917
7125000000	1.518436449	0.261799388	-15.03725523	-3.1910381	-13.24800413	-4.588662939	0.0313527	0.4796188	0.0473369	0.3476432	-6.4495504
7125000000	1.518436449	0.314159265	-19.69883563	-2.053538514	-11.15874141	-4.276658676	0.0107181	0.6232268	0.0765819	0.3753374	-6.5700499
7125000000	1.518436449	0.366519143	-18.37854787	-2.059554341	-9.254496844	-3.17842206	0.014526	0.6223641	0.1187272	0.481014	-5.0981971
7125000000	1.518436449	0.41887902	-15.35343749	-2.050627009	-7.529133479	-2.395881174	0.0291512	0.6236448	0.176639	0.5759859	-4.5425357
7125000000	1.518436449	0.471123898	-14.53357604	-1.106890075	-5.485649388	-2.20678917	0.0352081	0.750166	0.2827711	0.6015921	-3.729959
7125000000	1.518436449	0.523598776	-15.73585357	0.103902	-3.5361505	-2.123844999	0.0266941	1.0242128	0.4429808	0.6132189	-2.7837349
7125000000	1.518436449	0.575958653	-15.90279061	1.052263716	-2.437194422	-1.803339579	0.0256874	1.2741671	0.5705327	0.6601856	-1.9884115
7125000000	1.518436449	0.628318531	-11.46311419	1.668960659	-2.54882185	-1.564094372	0.0713984	1.4685748	0.5560551	0.6957544	-1.5589535
7125000000	1.518436449	0.680678208	-8.591981284	1.890900717	-3.004270139	-1.513007069	0.1382935	1.545575	0.5006947	0.7058287	-1.4110327
7125000000	1.518436449	0.730388486	-7.484768388	1.947826624	-2.102251202	-1.042301379	0.1784527	1.5659672	0.6024318	0.7866288	-1.0603299
7125000000	1.518436449	0.785398163	-6.726242661	2.283641443	-0.384827185	-0.016187039	0.2125082	1.6918589	0.9152027	1.0037342	-0.1962116
7125000000	1.518436449	0.831758041	-6.011513812	2.697666276	-0.742762138	0.953366966	0.2505236	1.8610868	1.1865231	1.2454798	-0.5534138
7125000000	1.518436449	0.890117919	-5.581033205	2.697643002	0.451862291	1.315575452	0.2766284	1.8610768	1.1096505	1.3538095	0.6080783
7125000000	1.518436449	0.942477796	-4.73222123	2.5227036	-0.531818911	1.190423195	0.3363395	1.7876001	0.8834625	1.315353	0.3370063
7125000000	1.518436449	0.994837674	-3.257397967	2.881547277	-0.477592449	0.96087713	0.472346	1.9415775	0.8958613	1.2476635	0.5665908
7125000000	1.518436449	1.041971557	-2.210669791	3.524775757	-0.880283807	0.829447001	0.601081	2.2515292	1.2246692	1.2104444	1.2121096
7125000000	1.518436449	1.095574299	-2.186668353	3.554254553	1.821200991	0.553829931	0.6044121	2.2668639	1.5209681	1.1360122	1.4052818
7125000000	1.518436449	1.151917306	-2.921516732	2.570431889	-1.507509053	-0.045341674	0.5103267	1.8073539	1.414982	0.989614	1.7028143
7125000000	1.518436449	1.204277184	-3.564230943	1.024944991	0.623270434	-0.492045153	0.4401259	1.2661772	1.1543222	0.8928849	-0.2762239
7125000000	1.518436449	1.256697061	-3.482016554	0.534700389	0.565786072	-0.002371343	0.4485371	1.1310194	1.1391349	0.999451	-0.3173256
7125000000	1.518436449	1.308996393	-3.145794419	1.558602451	1.347051531	1.057168371	0.4846415	1.4317271	1.363657	1.2756068	0.5648886
7125000000	1.518436449	1.361356817	-3.383142289	2.522968664	1.652564763	1.748324781	0.4588659	1.7877092	1.4630409	1.4956586	1.1438365
7125000000	1.518436449	1.413716694	-4.409073246	2.738481671	0.82206705	1.736950212	0.3623203	1.8765999	1.2083888	1.4917465	0.9716204
7125000000	1.518436449	1.466076572	-5.518502092	2.390178565	-0.607174254	1.2360451	0.2860401	1.7338753	0.869526	1.3292434	0.2256083
7125000000	1.518436449	1.518436449	-5.552265995	1.93623364	-0.434634991	0.720440691	0.2784668	1.5617926	0.7186816	1.1804404	-0.2926023
7125000000	1.518436449	1.570796327	-4.615308542	1.540607084	-0.198296396	0.370849968	0.3455168	1.4258069	0.7604494	1.0891432	-0.4234251
7125000000	1.518436449	1.623156204	-3.988144141	0.769364325	-0.586053953	-0.219597237	0.3991955	1.1938134	0.8737649	0.950693	-0.683557
7125000000	1.518436449	1.675516082	-4.346722754	-0.974777167	-0.544892861	-1.43316916	0.3675596	0.7989559	0.8820856	0.7189242	-1.5996842
7125000000	1.518436449	1.72787596	-5.178217576	-3.747214241	-1.563268089	-2.845511917	0.3035137	0.4219671	0.6977072	0.5193365	-1.3169351
7125000000	1.518436449	1.780235837	-5.167573226	-5.687767372	-3.341958955	-3.167582687	0.3042585	0.2699127	0.4632379	0.4822161	-4.2032351
7125000000	1.518436449	1.832595715	-4.270864484	-5.099520205	-4.728315404	-2.569474704	0.3740361	0.390637	0.3366421	0.553417	-4.0528738
7125000000	1.518436449	1.884955592	-3.825612089	-4.01968844	-5.232624102	-2.333999333	0.4144182	0.3963065	0.2997351	0.5842518	-3.7296421
7125000000	1.518436449	1.93731547	-4.51879343	-3.205960187	-5.967508676	-2.754035376	0.3532813	0.4779737	0.2529443	0.5303914	-3.9399755
7125000000	1.518436449	1.989675347	-6.229606754	-2.764596934	-3.397821449	-3.397821449	0.2382535	0.5291031	0.2072749	0.4573175	-4.4613243
7125000000	1.518436449	2.042035222	-8.524752468	-3.130582689	-7.02551447	-3.806036965	0.140451	0.4863419	0.1983575	0.4162903	-5.0813401
7125000000	1.518436449	2.094395195	-10.68070268	-4.324400541	-7.718087932	-4.189041595	0.0854928	0.3694536	0.1691185	0.3811499	-5.9894806
7125000000	1.518436449	2.14675498	-11.24014016	-5.272312281	-8.365814777	-5.433850368	0.0751599	0.2970084	0.1456862	0.286164	-6.9679395
7125000000	1.518436449	2.199114858	-10.29753838	-5.816611608	-8.390344318	-8.775550676	0.0933783	0.2620227	0.1448657	0.1325699	-8.0076841
7125000000	1.518436449	2.251474735	-9.871616527	-7.611579657	-11.13946882	-13.5103904	0.1030003	0.1733173	0.0769225	0.0443502	-10.026242
7125000000	1.518436449	2.303834613	-10.64803979	-10.63174501	-21.12386129	-9.227260216	0.0861382	0.086462	0.0077199	0.1194747	-11.2523625
7125000000	1.518436449	2.356194499	-11.81541999	-10.21663782	-9.925492882	-5.776008875	0.0658352	0.0951341	0.1017304	0.2644838	-8.8008919
7125000000	1.518436449	2.408554368	-11.72636199	-7.623474203	-7.448357099	-4.767649379	0.0671992	0.1728433	0.1799552	0.3336069	-7.2491648
7125000000	1.518436449	2.460914245	-9.475790265	-6.04997506	-9.965721555	-4.859739337	0.1128291	0.2483147	0.1007924	0.3266704	-7.0523426
7125000000	1.518436449	2.513274123	-8.01430483	-5.863227713	-13.67715396	-5.481852902	0.1579681	0.2952252	0.0428829	0.2871737	-7.2859405
7125000000	1.518436449	2.565634	-9.131003229	-7.385048445	-13.62438383	-6.723692424	0.1221517	0.1825976	0.0434072	0.212633	-8.5326003
7125000000	1.518436449	2.617993878	-11.12781788	-9.237070117	-11.48557013	-7.828844905	0.0771291	0.1192046	0.0710302	0.1648601	-9.6635114
7125000000	1.518436449	2.670353756	-9.862991357	-8.590609123	-7.821304922	-7.308542763	0.103205	0.1383372	0.1651466	0.1858428	-8.2934847
7125000000	1.518436449	2.722713633	-9.47526103	-8.42324396	-6.085276602	-7.557528949	0.1128428	0.1437724	0.2463405	0.1754879	-7.7056928
7125000000	1.518436449	2.775073511	-10.79897658	-10.00254648	-6.062534633	-10.24006302	0.083196	0.0999414	0.2475977	0.0946227	-8.0616517
7125000000	1.518436449	2.827433388	-10.90458263	-12.43687778	-7.815292862	-14.18268617	0.0811973	0.0570574	0.1653753	0.0381708	-10.682868
7125000000	1.518436449	2.879793266	-11.03385695	-16.72654253	-15.96327106	-13.95311998	0.078816	0.0212494	0.0512078	0.0402428	-13.198551
7125000000	1.518436449	2.932153143	-11.79743581	-21.35402219	-18.22994758	-12.85671858	0.0661084	0.0073215	0.1050316	0.0517998	-14.5512233
7125000000	1.518436449	2.98451									

7125000000	1.570796327	-0.942477796	1.802063386	-3.953005067	-1.844188913	-5.270072039	1.5142805	0.4024385	0.6540051	0.2971617	-1.4449815
7125000000	1.570796327	-0.890117919	1.679863823	-4.255422458	-1.03819693	-5.536169868	1.4722663	0.3753684	0.7873726	0.2795008	-1.3749471
7125000000	1.570796327	-0.837758041	0.546236225	-4.994588232	-1.016124301	-5.30301817	1.1340276	0.3166221	0.7913846	0.2949159	-1.9774806
7125000000	1.570796327	-0.785398163	-0.542285077	-6.662462657	-1.1351098913	-5.45440126	0.8826154	0.2156521	0.7326391	0.284813	-2.7660187
7125000000	1.570796327	-0.733038286	-0.133694497	-8.232074664	-1.40392129	-6.455718387	0.9696847	0.1502424	0.769061	0.2621664	-2.7671788
7125000000	1.570796327	-0.680678408	0.4838198	-7.619711421	-0.457683664	-8.203794738	1.117846	0.1729931	0.8999889	0.5152239	-2.3246346
7125000000	1.570796327	-0.628318531	-0.08079093	-6.346211062	-0.07784077	-9.738339135	0.9815692	0.2399917	0.9380283	0.1062120	-2.4838427
7125000000	1.570796327	-0.575958653	-1.626927894	-6.164932749	-1.002749462	-10.18172599	0.6875546	0.2418281	0.7938255	0.0959019	-3.4220099
7125000000	1.570796327	-0.523598776	-2.758085843	-7.360410094	-2.137370412	-10.72617151	0.5298969	0.1836365	0.6113121	0.0846020	-4.5301096
7125000000	1.570796327	-0.471238898	-2.933092748	-9.5369869	-2.925582074	-12.846683181	0.5089683	0.1112503	0.5098493	0.0519179	-5.2944775
7125000000	1.570796327	-0.41887902	-3.196683455	-11.14876168	-3.47803722	-16.3220357	0.4789957	0.076758	0.4489482	0.0232326	-5.9005603
7125000000	1.570796327	-0.366519143	-4.041340344	-11.79720184	-4.335003566	-15.43281156	0.3943356	0.0661119	0.3685527	0.0286232	-6.6876332
7125000000	1.570796327	-0.314159265	-4.959962278	-13.82881038	-5.477225426	-12.46721295	0.3191566	0.0414113	0.2833201	0.0566603	-7.5662191
7125000000	1.570796327	-0.261799388	-4.87469609	-14.5887802	-6.466367941	-11.22640357	0.3254846	0.0347634	0.2256125	0.075398	-7.8168877
7125000000	1.570796327	-0.20943951	-4.623829942	-10.54957884	-6.961848635	-10.66422048	0.3448395	0.0881134	0.2012867	0.0858179	-7.4469277
7125000000	1.570796327	-0.157079633	-5.359135137	-8.658038441	-7.681916416	-9.15444623	0.2911297	0.132066	0.170533	0.1214942	-7.4511203
7125000000	1.570796327	-0.104719755	-5.951732789	-9.416670909	-8.756364917	-7.589163946	0.2539959	0.1143755	0.1331568	0.1742142	-7.7227879
7125000000	1.570796327	-0.052359878	-5.691571603	-9.847275386	-9.470004975	-7.242020359	0.2696763	0.1035792	0.1129795	0.1887113	-7.7279079
7125000000	1.570796327	-4.44E-16	-6.40429754	-6.929234951	-9.885710013	-7.705971852	0.2288602	0.202804	0.1026666	0.169591	-7.5453561
7125000000	1.570796327	0.052359878	-8.382266758	-4.725873531	-10.07368294	-7.112360162	0.1451354	0.3368315	0.0983177	0.1944303	-7.129181
7125000000	1.570796327	0.104719755	-9.8192694	-4.507740224	-10.31736308	-5.424338622	0.1042493	0.3541816	0.0929531	0.2867914	-6.7872512
7125000000	1.570796327	0.157079633	-10.46974078	-5.540676902	-11.72389906	-4.351668538	0.0897482	0.2792109	0.0670982	0.3671412	-6.9723707
7125000000	1.570796327	0.20943951	-11.88571882	-5.261438217	-14.14521386	-4.364724668	0.0647781	0.297753	0.0385016	0.3660391	-7.1722395
7125000000	1.570796327	0.261799388	-15.02789828	-3.302539136	-14.31282546	-4.697486037	0.0314203	0.4674618	0.037044	0.3390404	-6.6006863
7125000000	1.570796327	0.314159265	-20.20919554	-2.123516764	-11.76790812	-3.996139055	0.0095297	0.6132652	0.0665594	0.3984613	-5.6554073
7125000000	1.570796327	0.366519143	-19.47243145	-2.157562614	-9.329591285	-2.76229281	0.0112916	0.6084764	0.1166919	0.5293839	-4.9967985
7125000000	1.570796327	0.41887902	-16.40208978	-2.299681556	-7.230259259	-2.229309771	0.0228977	0.5888868	0.1892233	0.5985067	-4.5608258
7125000000	1.570796327	0.471238898	-15.065035	-1.331245811	-5.107284808	-2.467089069	0.0311528	0.7359959	0.3085116	0.5666189	-3.8661298
7125000000	1.570796327	0.523598776	-15.1109947	0.042947674	-3.190280839	-2.619094799	0.0308248	1.009381	0.4797104	0.54713	-2.8659276
7125000000	1.570796327	0.575958653	-15.30291807	0.948226914	-2.119720657	-2.08806119	0.0294923	1.2440066	0.6138015	0.6182924	-2.0314951
7125000000	1.570796327	0.628318531	-12.35128243	1.31418396	-2.17737768	-1.505263664	0.0581931	1.3533758	0.6057065	0.700883	-1.6679491
7125000000	1.570796327	0.680678408	-9.66279244	1.408023345	-5.226496568	-1.210787603	0.1131672	1.3829368	0.5594162	0.7566957	-1.5301133
7125000000	1.570796327	0.733038286	-7.467149006	1.688857218	-1.780418962	-0.96553188	0.1699359	1.4753183	0.663679	0.8716551	-0.9955253
7125000000	1.570796327	0.785398163	-6.211512911	2.329506737	-0.214631794	0.540670143	0.2392482	1.7098211	0.9517805	1.1325751	0.0361399
7125000000	1.570796327	0.837758041	-5.21335676	2.76444155	0.693439918	1.483568369	0.3010678	1.8899232	1.1731242	1.4072033	0.7657841
7125000000	1.570796327	0.890117919	-4.877305438	2.420329532	0.283598043	1.742410689	0.3252891	1.7459546	1.0674801	1.4936233	0.637411
7125000000	1.570796327	0.942477796	-4.210557006	1.475428732	-0.7594724213	1.358526807	0.3792663	1.4045683	0.839562	1.3672649	-0.0101509
7125000000	1.570796327	0.994836764	-2.597432665	1.128425521	-0.680778813	0.787450134	0.5498658	1.2967091	0.8549134	1.1987953	-0.109638
7125000000	1.570796327	1.047197551	-1.18719438	1.859724908	0.78316328	0.532522303	0.7608176	1.5345198	1.1976125	1.1304523	0.6290168
7125000000	1.570796327	1.099557429	-0.76273142	2.399323588	1.882928509	0.508260695	0.8389322	1.7375302	1.5427404	1.1241547	0.1650485
7125000000	1.570796327	1.151917306	-1.084958832	1.9959821	1.777289087	0.427303848	0.7789402	1.5834272	1.5056669	1.1033934	0.9442117
7125000000	1.570796327	1.204277184	-1.346070736	0.941573478	1.114884622	0.565525058	0.7334879	1.2421022	1.2926724	1.1390755	0.4211636
7125000000	1.570796327	1.256637061	-1.067387321	0.459550373	1.190951285	1.3448611	0.7820982	1.1161166	1.315513	1.3629553	0.5806362
7125000000	1.570796327	1.308996939	-0.716325553	1.150139948	2.001942849	2.352888519	0.8479445	1.3032088	1.5856024	1.7195014	1.3799091
7125000000	1.570796327	1.361356817	-0.974191379	1.897014147	2.31863131	2.884241535	0.7990627	1.5477521	1.7055377	1.9427874	1.7573897
7125000000	1.570796327	1.413716694	-2.001308734	1.950447368	1.501237724	2.701623616	0.6307672	1.5695125	1.4129402	1.8627834	1.3619746
7125000000	1.570796327	1.466076572	-3.194825884	1.42629789	0.03788642	2.024478396	0.4792007	1.3887683	1.0087618	1.5938514	0.483041
7125000000	1.570796327	1.518436449	-3.559829205	0.892190693	-0.871958244	1.304802897	0.4405722	1.2280585	0.8180958	1.3504555	-0.1804758
7125000000	1.570796327	1.570796327	-3.068174357	0.67101901	-0.670296386	0.731184322	0.4933812	1.1670834	0.8569794	1.1833642	-0.376342
7125000000	1.570796327	1.623156204	-2.828476961	0.261329272	-0.046949658	-0.066427445	0.5213775	1.0620206	0.9892477	0.9848209	-0.5091915
7125000000	1.570796327	1.675516082	-3.61543063	-1.079793919	0.052260146	-1.463927858	0.4349676	1.7987671	1.012106	1.7138504	-1.335958
7125000000	1.570796327	1.72787596	-5.086354347	-3.419295971	-0.860462572	-3.062197396	0.310002	0.4550618	0.8202642	0.4940606	-2.8412431
7125000000	1.570796327	1.780235837	-5.817176892	-4.900251848	-2.500414703	-3.630417303	0.2619885	0.3235749	0.5622871	0.4334692	-0.0402048
7125000000	1.570796327	1.832595715	-5.378050718	-4.125760837	-3.864489566	-3.230973072	0.2898644	0.3867443	0.4107249	0.4572287	-0.0822263
7125000000	1.570796327	1.884955592	-5.170120853	-3.173883537	-4.491543866	-2.927912946	0.30408	0.481517	0.3555049	0.5095757	-3.8439771
7125000000	1.570796327	1.93731547	-6.049304839	-2.783640172	-5.54321687	-2.865561254	0.2483531	0.5267881	0.3051883	0.5169444	-3.9868059
7125000000	1.570796327	1.989675347	-7.734783077	-2.816554039	-5.739821734	-2.75777499	0.1684697	0.5228109	0.2666968	0.5299379	-4.2948179
7125000000	1.570796327	2.042035122	-9.241399745	-5.327062908	-5.964888341	-2.681467236	0.1190858	0.4439088	0.2532277	0.5393284	-4.6994425
7125000000	1.570796327	2.094395102	-9.27989344	-5.216220569	-6.798232677	-3.15461818	0.118035	0.3008693	0.2090147	0.8857959	-5.5528599
7125000000	1.570796327	2.14675498	-7.988965447	-6.806058548	-7.442133854	-4.853386768	0.1588925	0.2086384	0.1802132	0.3270855	-6.6013652
7125000000	1.570796327	2.199114858	-7.089158482	-7.095715759	-7.382913947	-8.908794111	0.1954718	0.1951769	0.1826874	0.1285644	-7.5578445
7125000000	1.570796327	2.251474735	-7.339323118	-8.17807306	-9.744228744	-13.17003586	0.1845303	0.1521222	0.1060662	0.0481944	-9.1105533
7125000000	1.570796327	2.303834613	-8.425076128	-10.14633768	-16.21218455	-8.504375065	0.1437118	0.0785898	0.0239211	0.1411115	-10.139741
7125000000	1.570796327	2.35619449	-9.253338165	-10.74443881	-9.104779857	-5.652812195	0.1187589	0.0842473	0.1228916	0.2720939	-8.2536498
7125000000	1.570796327	2.408554368	-8.905574347	-7.6624947	-6.655947961	-4.840436336	0.1286597	0.1712973	0.2159759	0.3280623	-6.7572001
7125000000	1.570796327	2.460914245	-7.338809536	-6.043839197	-8.30514549	-4.721285146	0.1845521	0.2486658	0.1477357	0.3371875	-6.3915055
7125000000	1.570796327	2.513274123	-6.605339391	-5.82119071	-10.36237441	-5.035762653	0.2185074	0.2617465	0.0919946	0.3136344	-5.6468364
7125000000	1.570796327	2.565634	-8.3								

7125000000	1.623156204	-1.361356817	2.129483169	-1.070221508	-0.219699243	-0.97838568	1.6328576	0.7815879	0.9506706	0.7982914	0.1738893
7125000000	1.623156204	-1.308996939	1.734950496	-1.60693874	-1.071552294	-1.46523464	1.4910598	0.6907265	0.7813485	0.7136356	-0.3659348
7125000000	1.623156204	-1.256637061	1.489501365	-2.042468161	-1.259339152	-2.195857983	1.409127	0.6248175	0.7482834	0.6031345	-0.7245483
7125000000	1.623156204	-1.204277184	1.664860875	-1.773801085	-0.561401901	-2.555666335	1.4671891	0.6646911	0.8787388	0.5551794	-0.499032
7125000000	1.623156204	-1.151917306	1.739456175	-1.036088466	-0.2411383	-2.459469075	1.4926075	0.787755	0.9459892	0.567164	-0.296666
7125000000	1.623156204	-1.099557429	1.383693356	-0.649969797	-1.161522176	-2.517455627	1.375211	0.8609944	0.7653282	0.5600856	-0.504125
7125000000	1.623156204	-1.047197551	1.092790627	-1.080826279	-2.780041271	-3.200216037	1.2861128	0.7976818	0.5272249	0.4786063	-1.146917
7125000000	1.623156204	-0.994837674	1.576618393	-2.102035265	-3.463930195	-4.307596207	1.4376787	0.6163061	0.4504089	0.3708859	-1.433799
7125000000	1.623156204	-0.942477796	2.276864086	-3.02538847	-2.639157827	-4.957863929	1.6892208	0.4982659	0.5446083	0.3193108	-1.1756004
7125000000	1.623156204	-0.890117919	2.1854259	-3.623651643	-1.679231937	-4.735442785	1.654027	0.434145	0.6793238	0.3609001	-1.1019622
7125000000	1.623156204	-0.837758041	1.05141052	-4.518836472	-1.523838329	-4.398381363	1.2739168	0.3532778	0.7040705	0.3632134	-1.7158527
7125000000	1.623156204	-0.785398163	-0.125917275	-6.063444758	-1.686243702	-4.675916826	0.9714228	0.2475458	0.6782279	0.3407284	-2.522145
7125000000	1.623156204	-0.733038286	0.090616328	-7.196596381	-1.290324947	-5.884992636	1.0210844	0.1906955	0.7429635	0.2579293	-2.5714281
7125000000	1.623156204	-0.680678408	0.585961324	-6.665036142	-0.485610976	-8.036805718	1.1444482	0.2155244	0.8942087	0.1571518	-2.1980278
7125000000	1.623156204	-0.628318531	0.049257099	-5.808490315	-0.208005393	-10.30580342	1.0114046	0.2625131	0.9532339	0.0932008	-2.3650571
7125000000	1.623156204	-0.575958653	-1.367307654	-5.878352286	-0.807470693	-10.94428923	0.7299099	0.258324	0.8303342	0.0804583	-3.2352898
7125000000	1.623156204	-0.523598776	-2.554975975	-7.136940787	-1.856292926	-10.84347929	0.5552677	0.192333	0.6521849	0.0823478	-4.308798
7125000000	1.623156204	-0.471238898	-2.932081024	-9.111051992	-2.711260815	-12.04524752	0.5090869	0.1237143	0.5356411	0.0624418	-5.1219585
7125000000	1.623156204	-0.41887902	-3.210405554	-10.26651311	-3.407973289	-14.66901303	0.4774847	0.0904478	0.4562498	0.034127	-5.7597256
7125000000	1.623156204	-0.366519143	-3.985029882	-10.78631893	-4.322664646	-14.66499462	0.3994818	0.0834388	0.3696031	0.0341586	-6.5429279
7125000000	1.623156204	-0.314159265	-4.901958322	-12.90962705	-5.402751996	-12.18913127	0.3234478	0.0511726	0.2882205	0.0604069	-7.427729
7125000000	1.623156204	-0.261799388	-4.879774805	-14.13731197	-6.375041338	-11.20203346	0.3251042	0.0385717	0.2304071	0.0758222	-7.7604664
7125000000	1.623156204	-0.20943951	-4.69028534	-10.46495111	-7.036787998	-11.05881933	0.339603	0.0898473	0.1978432	0.0783642	-7.5346589
7125000000	1.623156204	-0.157079633	-5.451573173	-8.636448288	-7.908258365	-9.545506895	0.2849896	0.1368848	0.1618729	0.1110323	-7.6020734
7125000000	1.623156204	-0.104719755	-6.016830557	-9.332995758	-7.724612733	-10.95776041	0.2502171	0.1166005	0.1289426	0.1688646	-7.7948342
7125000000	1.623156204	-0.052359878	-5.717155472	-9.70810811	-9.459947567	-7.267761933	0.2680924	0.1069521	0.1132414	0.1875961	-7.7218915
7125000000	1.623156204	-4.44E-16	-6.404297715	-6.92923509	-9.885710237	-7.705971693	0.2288602	0.202804	0.1026666	0.169591	-5.5453662
7125000000	1.623156204	0.052359878	-8.425849675	-4.763716302	-10.10831165	-7.000687328	0.1436862	0.3339092	0.0975369	0.1994947	-7.1296741
7125000000	1.623156204	0.104719755	-9.901806123	-4.520027962	-10.46882243	-5.274851421	0.1022868	0.3531809	0.0897672	0.2968348	-6.7671195
7125000000	1.623156204	0.157079633	-10.36580734	-5.533857496	-12.2117533	-4.337212897	0.091922	0.2796496	0.0600931	0.3683653	-6.9895372
7125000000	1.623156204	0.20943951	-11.62073344	-5.352228931	-14.989717632	-4.522776041	0.0688536	0.291593	0.0316973	0.3529575	-7.298446
7125000000	1.623156204	0.261799388	-14.79606741	-3.455053262	-1.05578514	-4.745463616	0.0331431	0.4513305	0.0312043	0.3353155	-6.7213378
7125000000	1.623156204	0.314159265	-20.35470809	-2.245081054	-12.05429327	-3.698724668	0.0092157	0.5963372	0.0623119	0.4267048	-5.6281662
7125000000	1.623156204	0.366519143	-20.09625242	-2.286239163	-9.205519656	-2.450877638	0.0097808	0.5907124	0.1200737	0.568738	-4.9170435
7125000000	1.623156204	0.41887902	-16.99541166	-2.594463378	-6.937564188	-2.193721372	0.0199737	0.5502419	0.2024154	0.6034313	-4.6342812
7125000000	1.623156204	0.471238898	-15.19076591	-1.68440833	-4.841229426	-2.775599941	0.0302638	0.6785146	0.3280024	0.5277643	-4.0767191
7125000000	1.623156204	0.523598776	-14.12682641	-0.136803885	-2.980664368	-2.932165792	0.0386649	0.9689897	0.5034236	0.5090769	-2.9665726
7125000000	1.623156204	0.575958653	-13.97263739	0.850184254	-1.947534686	-1.987574623	0.0400623	1.2162376	0.6386259	0.6327651	-1.9933661
7125000000	1.623156204	0.628318531	-12.91548879	1.061350429	-1.977240316	-1.027148431	0.0511036	1.2768358	0.6342726	0.7893783	-1.6247624
7125000000	1.623156204	0.680678408	-10.75548464	0.927942865	-2.258948913	-0.510736448	0.0840333	1.2382099	0.5944334	0.8890503	-1.5476548
7125000000	1.623156204	0.733038286	-8.529499032	1.276650857	-1.570794556	0.122140919	0.1402976	1.3417299	0.6964991	1.0285232	-0.959543
7125000000	1.623156204	0.785398163	-6.364637133	2.271888305	-0.169834008	1.099231149	0.2309597	1.6872865	0.961649	1.2880215	-0.1785905
7125000000	1.623156204	0.837758041	-4.9422663	3.034135155	0.620716118	1.809500998	0.3204597	2.0110067	1.1536435	1.5168761	0.9708247
7125000000	1.623156204	0.890117919	-4.409444357	2.888860931	0.18862134	1.768365491	0.3622893	1.9448499	1.0443865	1.052763	0.8405848
7125000000	1.623156204	0.942477796	-3.819343808	1.831459279	-0.25833329	1.05071274	0.4150167	1.5246469	0.8269262	1.2377121	0.03435
7125000000	1.623156204	0.994837674	-2.363433344	0.696358739	-0.699724946	0.410152193	0.5803055	1.7139129	0.8511884	1.0990444	-0.3333612
7125000000	1.623156204	1.047197551	-0.946242862	0.580256337	0.839735749	0.632142884	0.8042216	1.1429458	1.213315	1.1566828	0.3313868
7125000000	1.623156204	1.099557429	-0.396279052	0.947886807	2.045922913	1.209253446	0.9127926	1.2439092	1.601741	1.3210685	0.7031694
7125000000	1.623156204	1.151917306	-0.490143871	0.817968064	2.080308788	1.4429808547	0.8932759	1.2072489	1.6144733	1.3940091	1.0628341
7125000000	1.623156204	1.204277184	-0.459928605	0.288582521	1.568590612	1.484822713	0.8995124	1.068706	1.4350237	1.4076098	0.8016199
7125000000	1.623156204	1.256637061	0.001778136	0.310297762	1.739569836	1.849523508	1.0004095	1.074063	1.4926466	1.5309195	1.0534313
7125000000	1.623156204	1.308996939	0.385138896	1.147155216	2.576090141	2.441734296	1.0927326	1.3023134	1.8074613	1.754581	1.7297405
7125000000	1.623156204	1.361356817	0.122128588	1.882910619	2.888176172	2.653841625	1.0285203	1.542734	1.9445433	1.842401	2.012741
7125000000	1.623156204	1.413716694	-0.875470606	1.9526365	0.207996385	2.173826638	0.8174345	1.5677025	1.6136139	1.6496153	1.4968628
7125000000	1.623156204	1.466076572	-2.061451099	1.462571616	0.60474373	1.182131001	0.6220924	1.4004163	1.1494084	1.3128439	1.0769302
7125000000	1.623156204	1.518436449	-2.573822405	0.926450102	-0.340768891	0.151191118	0.5528633	1.2377844	0.9245345	1.0354261	-0.2795828
7125000000	1.623156204	1.570796327	-2.32990582	0.730539126	-0.150103682	-0.708294465	0.5848028	1.1831884	0.9660278	0.849514	-0.4774858
7125000000	1.623156204	1.623156204	-2.28977408	0.485854838	0.50332623	-1.785262368	0.5902318	1.1183699	1.1228781	0.6629393	-0.58685
7125000000	1.623156204	1.675516082	-3.20501268	-0.536179995	-0.68828885	-3.443076495	0.478078	0.883857	1.1609911	0.525769	-1.2849691
7125000000	1.623156204	1.72787596	-4.789001592	-2.452142977	-0.203428106	-5.033812783	0.3319708	0.5685723	0.9542391	0.3137753	-2.6588907
7125000000	1.623156204	1.780235837	-5.795474568	-3.789697647	-1.785005175	-5.085783027	0.263301	0.4178595	0.6629709	0.3100428	-3.8347874
7125000000	1.623156204	1.832595715	-5.864559513	-3.162344541	-3.199655523	-4.076763863	0.2591457	0.4827981	0.7486681	0.3911322	-3.947639
7125000000	1.623156204	1.884955592	-5.979638675	-2.203477348	-3.967138294	-3.108295732	0.2523691	0.6027073	0.4011309	0.4888444	-3.6040856
7125000000	1.623156204	1.93731547	-6.498867169	-1.919675527	-4.596576026	-2.346046286	0.2239305	0.6427357	0.3470103	0.5226382	-4.6476871
7125000000	1.623156204	1.989675347	-6.931366809	-2.320116368	-4.987352342	-1.841345264	0.2027045	0.5861225	0.31715	0.6544333	-3.5646607
7125000000	1.623156204	2.042035325	-6.964232998	-3.582772891	-5.191902007	-1.807735496	0.2011762	0.4382508	0.3025588	0.6595177	-3.9573209
7125000000	1.623156204	2.094395102	-6.188053066	-6.332531556	-6.04399197	-2.536584993	0.2405441	0.2326735	0.2486571	0.5576241	-4.9502015
7125000000	1.623156204	2.14675498</									

7125000000	1.675516082	-1.780235837	-2.541527177	-3.104041932	-3.100301305	-2.363283232	0.5569899	0.4893232	0.4897448	0.5803255	-2.7646564
7125000000	1.675516082	-1.72787596	-2.342980378	-1.966476675	-1.926972871	-1.365947686	0.5830448	0.6358466	0.6416567	0.7301385	-1.8864512
7125000000	1.675516082	-1.675516082	-1.919988495	-1.406040865	-0.741034065	-0.897225184	0.6426894	0.723429	0.843134	0.81335	-1.2167897
7125000000	1.675516082	-1.623156204	-1.90987813	-1.656252649	-1.074284187	-1.194216998	0.6441873	0.6829277	0.8490967	0.7959884	-1.3433351
7125000000	1.675516082	-1.570796327	-1.687593834	-2.097209412	-1.495764251	-1.912638283	0.6780171	0.6169913	0.7086366	0.6437781	-1.7923665
7125000000	1.675516082	-1.518436449	-0.273790799	-1.890250518	-1.690257368	-2.334782485	0.9389034	0.6471053	0.6776013	0.5841465	-1.4755715
7125000000	1.675516082	-1.466076572	1.539827687	-1.045228682	-0.795611376	-2.072637336	1.425551	0.7860988	0.8326047	0.6204926	-0.3801597
7125000000	1.675516082	-1.413716694	2.584163092	-0.28035407	-0.011668312	-1.535764332	1.8130773	0.9374856	0.9973169	0.7021398	0.4630192
7125000000	1.675516082	-1.361356817	2.601240867	-0.127746185	-0.28182435	-1.42774601	1.8202209	0.9710138	0.9371682	0.7198225	0.4612679
7125000000	1.675516082	-1.308996939	2.043527463	-0.520510491	-1.178295181	-2.022729735	1.6008578	0.8870517	0.7623782	0.6277262	-0.1345781
7125000000	1.675516082	-1.256637061	1.74046241	-0.860552545	-1.43948906	-2.915287746	1.4929534	0.8202472	0.7178787	0.5110592	-0.5279445
7125000000	1.675516082	-1.204277184	1.985964858	-0.615161731	-0.816773718	-3.311312011	1.5797795	0.8679283	0.8285575	0.4665184	-0.2886526
7125000000	1.675516082	-1.151917306	2.195592023	-0.037585355	-0.589490444	-3.058578671	1.6579033	0.991383	0.8730738	0.4944725	0.0182374
7125000000	1.675516082	-1.099557429	1.954015488	0.148052653	-1.692801248	-2.971559901	1.5682004	1.0346781	0.6772046	0.5044801	-0.2404424
7125000000	1.675516082	-1.047197551	1.689476172	-0.45878639	-3.621332772	-3.724314655	1.4755286	0.899749	0.4343769	0.4241979	-0.923398
7125000000	1.675516082	-0.994837674	2.121963966	-1.645148363	-1.692804257	-5.099842457	1.630033	0.6846761	0.3538286	0.3090408	-1.2819677
7125000000	1.675516082	-0.942477796	2.780429447	-2.713213078	-3.569769535	-5.793749509	1.8968935	0.5354151	0.4395649	0.2634056	-1.0578428
7125000000	1.675516082	-0.890117919	2.690616601	-3.33038716	-2.418927842	-5.223427433	1.8580682	0.4644739	0.5729375	0.3003705	-0.874736
7125000000	1.675516082	-0.837758041	1.57934862	-0.473609542	-2.117650267	-4.527965178	1.4385828	0.3941464	0.6140942	0.352536	-1.5542508
7125000000	1.675516082	-0.785398163	0.320922931	-5.311277259	-2.135055885	-4.479200357	1.076694	0.2943556	0.6116379	0.3655168	-2.3299184
7125000000	1.675516082	-0.733038286	0.295803015	-6.24653388	-1.600995577	-5.350300251	1.0704843	0.2373267	0.6916724	0.2917225	-2.4199587
7125000000	1.675516082	-0.680678408	0.665764246	-6.048269973	-0.686579936	-7.321875096	1.1656722	0.2484122	0.8537722	0.1852372	-2.1233947
7125000000	1.675516082	-0.628318531	0.213976395	-5.600748392	-0.287880691	-10.1103762	1.0505038	0.2753754	0.9358623	0.0974905	-2.2928934
7125000000	1.675516082	-0.575958653	-0.991116345	-5.863984956	-0.728434943	-11.55022414	0.7959547	0.25918	0.8455835	0.0699806	-3.0743973
7125000000	1.675516082	-0.523598776	-2.164401122	-7.096409866	-1.651206489	-10.959971149	0.607519	0.1951457	0.6837217	0.0801683	-0.4071144
7125000000	1.675516082	-0.471238898	-2.772090547	-8.743405243	-2.516257894	-11.27382985	0.5281909	0.1335548	0.5620401	0.0745791	-0.8926572
7125000000	1.675516082	-0.41887902	-3.171744486	-9.444264055	-3.311265739	-13.32101843	0.4817542	0.1136511	0.4665234	0.0465477	-5.5733353
7125000000	1.675516082	-0.366519143	-3.950020887	-9.889298068	-4.277065339	-12.16290692	0.4027151	0.1025818	0.3735025	0.038672	-6.3946717
7125000000	1.675516082	-0.314159265	-4.848764559	-12.05715038	-5.323701053	-12.01400213	0.3274338	0.0622709	0.2935141	0.0628926	-7.2925629
7125000000	1.675516082	-0.261799388	-4.858535007	-13.51531424	-6.294694819	-11.10852573	0.326698	0.0445111	0.2347094	0.0774725	-7.6739071
7125000000	1.675516082	-0.20943951	-4.750567679	-10.26876558	-7.118714988	-11.38516139	0.3349217	0.039399	0.1941446	0.0726919	-7.5960169
7125000000	1.675516082	-0.157079633	-5.552990536	-8.56774752	-13.98898266	-9.971478647	0.2784203	0.1396074	0.1534975	0.1006589	-7.7492082
7125000000	1.675516082	-0.104719755	-6.082283851	-9.230395374	-9.028737793	-7.879838777	0.2464743	0.1193879	0.1250612	0.1629357	-7.8657583
7125000000	1.675516082	-0.052359878	-5.74191808	-9.564370812	-9.449179969	-7.297289741	0.2665681	0.1105511	0.1135225	0.186325	-7.7149272
7125000000	1.675516082	-4.446-16	-6.404297585	-6.929235234	-9.885710451	-7.705971586	0.2288602	0.202804	0.1026665	0.169591	-7.5453562
7125000000	1.675516082	0.052359878	-8.463789463	-4.807816634	-10.14434394	-6.893594674	0.1424364	0.3305357	0.096731	0.2044751	-7.1321904
7125000000	1.675516082	0.104719755	-9.999940389	-4.535548017	-10.60864533	-5.143630338	0.1000014	0.351921	0.0869322	0.3059405	-7.0731327
7125000000	1.675516082	0.157079633	-10.28534401	-5.513284295	-12.60751354	-4.34331134	0.0936409	0.2809775	0.0548591	0.3678484	-6.6544121
7125000000	1.675516082	0.20943951	-11.31437457	-5.433879415	-15.50440298	-4.6765644	0.0738861	0.2861621	0.0281553	0.340749	-7.3936084
7125000000	1.675516082	0.261799388	-12.63729691	-3.641915411	-15.28001533	-4.735578251	0.0365822	0.4323231	0.0296482	0.330796	-6.8945624
7125000000	1.675516082	0.314159265	-20.03889607	-2.418785709	-12.00842118	-3.423974326	0.0099108	0.5729562	0.0629735	0.454519	-5.605045
7125000000	1.675516082	0.366519143	-20.05199739	-2.437039098	-8.99196314	-2.250380872	0.009881	0.5705531	0.1259158	0.5956199	-4.8745807
7125000000	1.675516082	0.41887902	-16.76679675	-2.870595751	-6.748202688	-2.256178195	0.0210533	0.1163455	0.2114364	0.5948154	-4.7737364
7125000000	1.675516082	0.471238898	-14.61173583	-2.098054827	-4.731103255	-3.051549941	0.0345801	0.6168712	0.3364261	0.4952734	-4.3087467
7125000000	1.675516082	0.523598776	-12.82947296	-0.428744698	-2.96728905	-2.976436721	0.0521258	0.9059944	0.5097076	0.5039139	-3.0720997
7125000000	1.675516082	0.575958653	-12.14677763	0.734597269	-1.936072576	-1.561396105	0.0609989	1.8429495	0.6403136	0.698008	-1.8983218
7125000000	1.675516082	0.628318531	-12.08661601	0.987327766	-1.971532353	-0.301285291	0.0618498	1.2552574	0.6351068	0.9329781	-1.4188525
7125000000	1.675516082	0.680678408	-11.49712356	0.712059065	-2.245039846	0.330446509	0.0708415	1.1781646	0.5963428	1.0790577	-1.3602224
7125000000	1.675516082	0.733038286	-9.661792748	0.951450196	-1.602141318	0.796680467	0.1080988	1.2449302	0.6914899	1.2013458	-0.9072957
7125000000	1.675516082	0.785398163	-7.080713651	2.106985014	-0.26566059	1.411053016	0.1958523	1.6244206	0.9406627	1.3839019	0.1544752
7125000000	1.675516082	0.837518041	-5.173025796	3.156733696	0.523796019	1.790663939	0.3038767	2.068585	1.1281831	1.510311	0.7986059
7125000000	1.675516082	0.890117919	-4.242269774	3.362614975	1.525599169	1.512044701	0.376507	2.1690097	1.0357619	1.4164605	0.9671359
7125000000	1.675516082	0.942477796	-3.523371946	2.753328872	-0.807984878	0.79301328	0.4442862	1.8850935	0.8302359	1.2003319	0.3742126
7125000000	1.675516082	0.994837674	-2.307513562	1.900739961	-0.68542601	0.6779777	0.5878258	1.5498085	0.8539938	1.1689549	0.1701821
7125000000	1.675516082	1.047197551	-1.16188233	1.39726399	-0.863114809	1.520935099	0.7652649	1.3795149	1.2198642	1.4193631	0.7773182
7125000000	1.675516082	1.099557429	-0.747784063	1.069112529	2.111177639	2.321869353	0.8418246	1.2791199	1.6259896	1.6648953	1.3128411
7125000000	1.675516082	1.151917306	-0.792917011	0.439376288	2.003701688	2.116777216	0.8331214	1.1064649	1.6607611	1.6284429	1.1633973
7125000000	1.675516082	1.204277184	-0.530218163	-0.307541191	1.763429955	1.485900918	0.8850711	0.9316352	1.5008697	1.4079593	0.7239102
7125000000	1.675516082	1.256637061	0.129356323	-0.29430582	1.604772668	1.066750791	1.0302334	0.9344787	1.5855767	1.2784245	0.8717143
7125000000	1.675516082	1.308996939	0.554298762	0.56671121	2.862544909	1.132643109	1.1361348	1.1393866	1.9331008	1.297969	1.3882285
7125000000	1.675516082	1.361356817	0.301538398	1.391558632	3.183382463	1.064961124	1.0718989	1.3777038	2.0813171	1.2778978	1.6020775
7125000000	1.675516082	1.413716694	-0.562331266	1.714641666	2.372948859	0.383782494	0.8785508	1.4841034	1.7270101	1.0923193	1.1244208
7125000000	1.675516082	1.466076572	-1.499039974	1.60171627	0.890970537	-0.774478096	0.7081023	1.4660111	1.2277136	0.8366661	0.2309735
7125000000	1.675516082	1.518436449	-1.894477398	1.367151228	-0.08023017	1.1926950807	0.6464758	1.3699828	0.9816959	0.6416599	-0.4090875
7125000000	1.675516082	1.570796327	-1.775463909	1.249666369	0.10652053	-2.917623893	0.6644367	1.333419	1.0248316	0.5107844	-0.5385838
7125000000	1.675516082	1.623156204	-1.826959123	1.03181827	0.805593842	-4.103900459	0.6566049	1.2681827	1.203814	0.3886959	-0.5580505
7125000000	1.675516082	1.675516082	-2.525048706	0.201598755	1.004916294	-5.553400589	0.5591073	1.0475141	1.2603513	0.728394	-1.043887
7125000000	1.675516082	1.									

7125000000	1.72787596	-2.199114858	-6.222362674	-5.244181708	-8.114027653	-8.789109063	0.2386513	0.2989385	0.1543822	0.1321567	-6.8606499
7125000000	1.72787596	-2.14675498	-6.654104793	-4.792008859	-8.334355974	-8.343792304	0.2160675	0.331741	0.1467454	0.1464269	-6.7727394
7125000000	1.72787596	-2.094395102	-7.263060389	-5.225594089	-8.970594126	-6.621171486	0.1877993	0.3002207	0.1267478	0.1277122	-6.8168615
7125000000	1.72787596	-2.042035225	-6.267386407	-5.501727821	-7.517762543	-4.49727585	0.2361899	0.2817262	0.1771021	0.3550365	-5.8084826
7125000000	1.72787596	-1.989675347	-4.195967693	-5.01453075	-5.064411098	-2.856956909	0.3805426	0.3151715	0.3115723	0.5179696	-4.1871724
7125000000	1.72787596	-1.93731547	-2.391291984	-4.604973058	-3.027923379	-2.448994766	0.5765949	0.34634	0.4979751	0.5958	-2.9741652
7125000000	1.72787596	-1.884955592	-1.65887364	-4.629760959	-2.383806322	-2.585783605	0.6825157	0.3443689	0.5775896	0.5513427	-2.6844817
7125000000	1.72787596	-1.832595715	-1.936607769	-4.408042927	-3.066199597	-3.09796415	0.6402347	0.3624063	0.4936056	0.4900085	-3.0402498
7125000000	1.72787596	-1.780235837	-2.364727932	-3.332849642	-3.319961642	-2.900077236	0.5801325	0.4642106	0.4655902	0.5128523	-2.9611015
7125000000	1.72787596	-1.72787596	-2.130650921	-2.016776546	-2.095577103	-2.256118731	0.6122586	0.6285247	0.6172233	0.5948235	-2.1392923
7125000000	1.72787596	-1.675516082	-1.803573212	-1.27623188	-0.818532818	-2.044919247	0.6601501	0.7453784	0.8282219	0.624645	-1.4596504
7125000000	1.72787596	-1.623156204	-2.013865043	-1.194713899	-0.720913803	-2.626619652	0.6289462	0.7595015	0.8470492	0.5461828	-1.5775288
7125000000	1.72787596	-1.570796327	-1.988510167	-1.218687844	-1.457096457	-3.574223377	0.6326288	0.7553204	0.7149742	0.4391144	-1.9687799
7125000000	1.72787596	-1.518436449	-0.652079771	-0.737314677	-1.66026375	-3.910478701	0.8605815	0.8438564	0.6822973	0.4063985	-1.5596827
7125000000	1.72787596	-1.466076572	1.080227583	0.20107464	-0.836132494	-3.261467008	1.2823978	1.0473877	0.8248724	0.4719036	-0.4256495
7125000000	1.72787596	-1.413716694	2.04980749	1.021364738	-0.109368323	-2.370822714	1.6031743	1.2651338	0.9751315	0.5793189	0.4363324
7125000000	1.72787596	-1.361356817	2.04927624	1.27870372	-0.409510109	-2.08562431	1.6029782	1.2432642	0.9100159	0.6186394	0.4863577
7125000000	1.72787596	-1.308996939	1.545239148	1.004445984	-1.32838405	-2.580346036	1.4273284	1.2602149	0.7364811	0.5520335	-0.026073
7125000000	1.72787596	-1.256637061	1.377956151	0.655631445	-1.606116787	-3.268381176	1.3733955	1.1629556	0.6908753	0.4711529	-0.3405066
7125000000	1.72787596	-1.204277184	1.852869591	0.663531083	-1.000505428	-3.312169087	1.5320995	1.1650729	0.7942358	0.4664264	-0.0460236
7125000000	1.72787596	-1.151917306	2.343219023	0.864764248	-0.823144034	-2.770551857	1.7152282	1.2203276	0.827343	0.5283781	0.3052654
7125000000	1.72787596	-1.099557429	2.319958247	0.676003326	-2.0710652	-2.614408412	1.706066	1.1684236	0.6207168	0.5477207	0.0463592
7125000000	1.72787596	-1.047197551	2.086141337	-0.253394432	-4.312057799	-3.581029161	1.616643	0.9433233	0.3705051	0.4384268	-0.745721
7125000000	1.72787596	-0.994837674	2.409082715	-1.699117868	-5.460499718	-5.612143823	1.741439	0.6762203	0.2844134	0.2746538	-1.2832105
7125000000	1.72787596	-0.942477796	3.002941986	-2.921855749	-4.421261311	-7.250242194	1.9966144	0.5102869	0.3613049	0.1883544	-1.1628698
7125000000	1.72787596	-0.890117919	2.921536571	-3.530453164	-3.104634697	-6.882327055	1.9595379	0.4435624	0.4892564	0.2500663	-1.1106789
7125000000	1.72787596	-0.887758041	1.849153783	-4.105972952	-2.70208461	-5.747105125	1.5307892	0.3885105	0.536781	0.2662499	-1.6711913
7125000000	1.72787596	-0.785398163	0.539934902	-5.095182773	-2.656262681	-5.043177198	1.1323834	0.3093725	0.5424675	0.3130994	-2.4083796
7125000000	1.72787596	-0.733038286	0.35337927	-5.957182669	-2.060059657	-5.176659339	1.0847603	0.2536774	0.6222917	0.3036226	-2.4711605
7125000000	1.72787596	-0.680678408	0.727909374	-6.045161504	-1.051750822	-6.484063732	1.1824722	0.2485901	0.7849191	0.2246951	-2.1454976
7125000000	1.72787596	-0.628318531	0.480646336	-5.901860573	-0.507959695	-9.1194229	1.1170295	0.2569295	0.889619	0.1224779	-2.2437929
7125000000	1.72787596	-0.575958653	-0.489047135	-6.264990299	-0.763153977	-11.56071616	0.8935015	0.2363203	0.8388506	0.0698177	-2.9257267
7125000000	1.72787596	-0.523598776	-1.695360217	-7.325273709	-1.533038745	-11.08342865	0.6768057	0.1851282	0.7025806	0.0779215	-3.8657156
7125000000	1.72787596	-0.471238898	-2.584153256	-8.449691973	-2.360626169	-10.65409561	0.5515497	0.1428995	0.5806807	0.0860182	-4.6815459
7125000000	1.72787596	-0.41887902	-3.153684329	-8.668330534	-3.206176339	-12.21324965	0.4837618	0.1358836	0.4779499	0.0600724	-5.3847609
7125000000	1.72787596	-0.366519143	-3.938795982	-9.070337429	-4.213463548	-13.74654012	0.4037573	0.12387	0.3790126	0.0422033	-6.2485654
7125000000	1.72787596	-0.314159265	-4.774793461	-11.247035	-5.25543646	-12.01075702	0.3330586	0.0750406	0.2981648	0.0629396	-7.1601864
7125000000	1.72787596	-0.261799388	-4.805540133	-12.75980604	-6.239206581	-11.01938724	0.330709	0.0529687	0.2377275	0.079079	-7.5666167
7125000000	1.72787596	-0.20943951	-4.80873152	-9.964764345	-7.13246094	-11.63278649	0.330466	0.1008146	0.1899564	0.0686268	-7.6327394
7125000000	1.72787596	-0.157079633	-5.664672925	-8.451710519	-8.373090582	-10.420165	0.2713518	0.1428331	0.1455429	0.0907786	-7.8880841
7125000000	1.72787596	-0.104719755	-6.14713122	-9.109598688	-9.15089848	-8.051562433	0.2482214	0.1227553	0.1215934	0.1566188	-7.9331657
7125000000	1.72787596	-0.052359878	-5.765648767	-9.416735878	-9.437516775	-7.330357371	0.2651155	0.1143738	0.1138278	0.1849116	-7.4838892
7125000000	1.72787596	-4.44E-16	-6.404297698	-6.929234847	-9.885710222	-7.7059717	0.2288602	0.202804	0.1026666	0.165991	-7.5453561
7125000000	1.72787596	0.052359878	-8.495187544	-4.858590953	-10.18158861	-6.79186972	0.1414104	0.326938	0.095905	0.2093121	-7.1369499
7125000000	1.72787596	0.104719755	-10.11450647	-4.55675109	-10.7382994	-5.030701414	0.0973978	0.3502071	0.0844534	0.3140002	-7.6459694
7125000000	1.72787596	0.157079633	-10.23864683	-5.484200483	-12.89439171	-4.367258449	0.0946532	0.282665	0.0513524	0.3658257	-7.0185856
7125000000	1.72787596	0.20943951	-10.99661892	-5.501611195	-15.58791353	-4.815087422	0.0794947	0.2817338	0.027619	0.3299828	-7.4543365
7125000000	1.72787596	0.261799388	-13.78975523	-3.853361189	-14.95488305	-4.679664062	0.0417854	0.4117787	0.031953	0.3404435	-6.8510538
7125000000	1.72787596	0.314159265	-19.22589928	-2.643562689	-11.71570781	-3.196474246	0.0119512	0.5440562	0.0673642	0.4789997	-5.9372121
7125000000	1.72787596	0.366519143	-19.38904547	-2.610291148	-8.809245026	-2.149839846	0.0115105	0.5482402	0.1315453	0.6095594	-4.8783094
7125000000	1.72787596	0.41887902	-15.80748128	-3.064549418	-6.709660011	-2.370646636	0.0262574	0.4937931	0.2133212	0.5793424	-4.8388982
7125000000	1.72787596	0.471238898	-13.44093181	-2.434188517	-4.785784276	-3.219864908	0.04528	0.5709277	0.3322168	0.4764458	-4.4828463
7125000000	1.72787596	0.523598776	-11.44630212	-0.752240759	-3.019828943	-2.772933425	0.0716753	0.4809611	0.4989041	0.5280884	-3.1434131
7125000000	1.72787596	0.575958653	-10.38758947	0.581324717	-2.070526145	-0.96969997	0.0914621	1.143227	0.6207938	0.7998895	-1.7793455
7125000000	1.72787596	0.628318531	-10.25386995	1.027794075	-2.143768823	0.480406614	0.094322	1.2670081	0.6104121	1.1169678	-1.1228285
7125000000	1.72787596	0.680678408	-10.48690867	0.851975647	-2.4579527	1.10694707	0.0893942	1.2167394	0.5678122	1.2903119	-1.0178815
7125000000	1.72787596	0.733038286	-9.995041236	1.014341878	-1.839130026	1.276291673	0.1001142	1.2630897	0.6547673	1.3416189	-0.7577369
7125000000	1.72787596	0.785398163	-9.793830691	2.047186945	-0.458415171	1.488946524	0.1607374	1.6022073	0.8998259	1.408947	0.0771765
7125000000	1.72787596	0.837758041	-5.802178808	3.051743642	0.434495752	1.714819353	0.2628949	2.0191769	1.1052221	1.4841641	-0.5859897
7125000000	1.72787596	0.890117919	-4.43145503	3.318274272	0.170355938	1.629688959	0.3604579	2.1469772	1.0400054	1.4553548	0.9715274
7125000000	1.72787596	0.942477796	-3.341704603	2.985333511	-0.753375242	1.466623129	0.4632651	1.9885335	0.8407415	1.4017234	0.6950765
7125000000	1.72787596	0.994837674	-2.089625532	2.653773442	-0.70814548	1.921531376	0.6180697	1.8423721	0.8495432	1.5565144	-0.8515668
7125000000	1.72787596	1.047197551	-1.126420984	2.575576971	0.764347041	2.770077751	0.771539	1.8094963	1.192435	1.8923775	1.5120491
7125000000	1.72787596	1.099557429	-0.939178162	2.318546703	1.980410377	3.081807926	0.8055309	1.7055116	1.5777603	2.032032	1.8483376
7125000000	1.72787596	1.159171306	-1.191896299	1.495533031	2.05078213	2.430649518	0.7599944	1.4110854	1.6035341	1.7501084	1.4025046
7125000000	1.72787596	1.204277784	-0.95956948	0.315972792	1.617560138	1.100734016	0.8017575	1.0754675	1.4512961	1.2884674	1.6229879
7125000000	1.72787596	1.256637061	-0.209231171	-0.432824095	1.904812086	0.119781329	0.9529649	0.9051438	1.5505337	1.0279645	0.4499096
7125000000	1.72787596	1.308996939	0.241110188	-0.376229414	2.802849622	0.156259939	1				

7125000000	1.780235837	-2.617993878	-7.389385976	-8.900401877	-15.06822131	-6.38654453	0.1824154	0.128813	0.0311299	0.2297976	-8.4454558
7125000000	1.780235837	-2.566534	-7.208269901	-10.42027537	-12.55398389	-5.872726495	0.1901836	0.0907763	0.0555395	0.2586589	-8.2742758
7125000000	1.780235837	-2.513274123	-5.66240872	-10.96672987	-10.06587291	-6.106849871	0.2714933	0.0800437	0.0782371	0.245084	-7.7284752
7125000000	1.780235837	-2.460914245	-4.216304523	-8.83231318	-12.19184173	-6.920991852	0.3787647	0.1308479	0.0603693	0.2031893	-7.1378431
7125000000	1.780235837	-2.408554368	-5.156324312	-7.279185658	-14.66988788	-7.086199812	0.3050476	0.1871033	0.0341202	0.1956051	-7.4359912
7125000000	1.780235837	-2.35619449	-10.16102501	-7.419345046	-13.40163916	-6.528750977	0.0963602	0.1811613	0.0456916	0.223949	-8.6517927
7125000000	1.780235837	-2.303834613	-18.37747729	-8.305625273	-10.6599591	-6.608454723	0.0145296	0.1477194	0.0801762	0.2183507	-9.3857029
7125000000	1.780235837	-2.251474735	-10.65582583	-7.968957833	-8.798949346	-7.272842755	0.085984	0.1596262	0.1318576	0.1873768	-8.5013109
7125000000	1.780235837	-2.199114858	-8.251150774	-6.684889093	-7.794193086	-7.282196791	0.1495839	0.2145414	0.1661807	0.1869736	-7.4637147
7125000000	1.780235837	-2.14675498	-8.464765895	-6.095415864	-8.217219061	-6.503516933	0.1424044	0.2457301	0.1507572	0.2326909	-7.1977308
7125000000	1.780235837	-2.094395102	-9.572648175	-6.343008402	-8.96283087	-5.465707849	0.1103406	0.2321128	0.1269746	0.2840725	-7.2497643
7125000000	1.780235837	-2.042035225	-9.406194376	-6.457724267	-7.605776777	-4.16219731	0.1146517	0.226062	0.1735491	0.3835132	-6.4889202
7125000000	1.780235837	-1.989675347	-6.804378813	-6.023954925	-5.222629368	-3.10085641	0.2087191	0.2498069	0.3004257	0.4896822	-5.0562485
7125000000	1.780235837	-1.93731547	-4.354850843	-5.725984823	-3.195610824	-2.955899309	0.3668723	0.2675479	0.4791141	0.5063025	-3.9258875
7125000000	1.780235837	-1.884955592	-3.481086395	-5.726298612	-2.596612361	-3.811358185	0.4486331	0.2675286	0.5499697	0.4157806	-3.7625673
7125000000	1.780235837	-1.832595715	-3.811934659	-5.37416416	-3.421169742	-4.917354334	0.4157254	0.290124	0.4548655	0.3223032	-4.3091356
7125000000	1.780235837	-1.780235837	-4.075193839	-4.250105955	-3.792567042	-5.036250334	0.3912737	0.3758282	0.4175835	0.3135992	-4.2645658
7125000000	1.780235837	-1.72787596	-3.62256321	-2.983072652	-2.485272159	-4.363131167	0.4342539	0.5031445	0.5642516	0.3661735	-3.3072418
7125000000	1.780235837	-1.675516082	-3.205857204	-2.229509599	-1.17150917	-4.14172184	0.477985	0.5984792	0.7731239	0.3853256	-2.5279925
7125000000	1.780235837	-1.623156204	-3.166208974	-1.963294148	-0.966193219	-4.845152582	0.4823687	0.663127	0.8005357	0.3277063	-2.5047175
7125000000	1.780235837	-1.570796327	-2.701831338	-1.641052285	-1.61377425	-5.846858713	0.5368054	0.6853222	0.6896402	0.2602041	-2.652058
7125000000	1.780235837	-1.518436449	-1.249060014	-0.794523323	-1.72649522	-5.869472648	0.7500565	0.8328133	0.6719709	0.2588527	-2.0174767
7125000000	1.780235837	-1.466076572	-0.342809811	0.415653967	-0.900484441	-4.745120885	1.0821338	1.1004375	0.8127399	0.335342	-0.7953058
7125000000	1.780235837	-1.413716694	1.291562897	1.44368229	-0.221308889	-3.547638416	1.3463448	1.3943385	0.9503135	0.4418106	0.1418518
7125000000	1.780235837	-1.361356817	1.437010155	1.910263905	-0.55600178	-3.120746617	1.392198	1.5524813	0.8803188	0.4874447	-0.3266837
7125000000	1.780235837	-1.308969307	1.098890907	1.848784713	-1.464452885	-3.450409496	1.2879206	1.5306591	0.7137641	0.4518133	-0.0172353
7125000000	1.780235837	-1.256637061	0.999638153	1.637766938	-1.70064986	-3.731396194	1.2588205	1.4580644	0.6759818	0.4235068	-0.2040912
7125000000	1.780235837	-1.204277184	1.551357947	1.629460308	-1.061139572	-3.182361356	1.4293408	1.4552782	0.7832241	0.480578	-0.1582284
7125000000	1.780235837	-1.151917306	2.200717281	1.691434299	-0.887731085	-2.178288656	1.659861	1.476194	0.81513	0.6055795	-0.5659659
7125000000	1.780235837	-1.099557429	2.302272714	1.354628227	-2.2089309	-1.763822499	1.6991326	1.3535142	0.6013217	0.6662201	0.3344272
7125000000	1.780235837	-1.047197551	2.040624655	0.158411237	-4.672956361	-2.576819854	1.5997947	1.3071489	0.34096	0.5524818	-0.5423785
7125000000	1.780235837	-0.994837674	2.262383999	-1.58770383	-6.057892327	-4.64045244	1.683598	0.6937925	0.2478625	0.3435222	-1.2948269
7125000000	1.780235837	-0.942477796	2.837315268	-3.168174094	-4.995711427	-7.167460882	1.9219033	0.4821505	0.316409	0.1919791	-1.380273
7125000000	1.780235837	-0.890117919	2.793381691	-4.038491071	-3.612273854	-8.365246258	1.9025592	0.3945944	0.4352839	0.1457053	-1.4294766
7125000000	1.780235837	-0.837758041	1.779081429	-4.650142411	-3.20211862	-7.61526184	1.5062884	0.3427565	0.4783967	0.1731705	-2.0401366
7125000000	1.780235837	-0.785398163	0.49083848	-5.505393526	-3.207407993	-6.236215346	1.119654	0.2814885	0.4778144	0.2378912	-2.788912
7125000000	1.780235837	-0.733038286	0.302552835	-6.304525607	-2.634694539	-5.393801042	1.0721493	0.2341787	0.5451682	0.2888151	-2.7158303
7125000000	1.780235837	-0.680678408	0.837392412	-6.592593982	-1.548811413	-5.803909743	1.2126605	0.2191496	0.7006786	0.2627901	-2.7207032
7125000000	1.780235837	-0.628318531	0.857073324	-6.699264615	-0.831142786	-7.8559464	1.2181684	0.2138324	0.8258206	0.1638345	-2.1947955
7125000000	1.780235837	-0.575958653	0.045374336	-7.090691338	-0.86471586	-10.86471586	1.0105026	0.1954028	0.8155376	0.0819461	-2.7914036
7125000000	1.780235837	-0.523598776	-1.308619688	-7.780271356	-1.494002555	-11.18114660	0.7398404	0.1667143	0.7089241	0.0761878	-3.7374522
7125000000	1.780235837	-0.471238898	-2.520596036	-8.170954509	-2.254560989	-10.21515993	0.5596808	0.1523718	0.5950369	0.0591656	-4.5523297
7125000000	1.780235837	-0.41887902	-3.225955555	-7.931182258	-3.112381865	-11.29230783	0.4757781	0.1610207	0.4883844	0.0742624	-5.230794
7125000000	1.780235837	-0.366591943	-3.941006842	-8.325908381	-1.234234433	-13.24234433	0.4035518	0.1470311	0.3843803	0.0454627	-6.1064518
7125000000	1.780235837	-0.314159265	-4.654356642	-10.48115819	-5.214948123	-12.19369122	0.3424241	0.0895126	0.3009575	0.0603496	-7.026566
7125000000	1.780235837	-0.261799388	-4.721604139	-11.922681	-6.221709969	-10.98368176	0.3371627	0.0462291	0.2386871	0.0973318	-7.4484161
7125000000	1.780235837	-0.20943951	-4.871830458	-9.569232795	-7.326849394	-11.8028179	0.3256994	0.1104274	0.1850611	0.0660265	-7.6496779
7125000000	1.780235837	-0.157079633	-5.788133939	-8.292258964	-8.597326659	-10.87704194	0.2637464	0.1481747	0.1381234	0.0817139	-8.0150893
7125000000	1.780235837	-0.104719755	-8.97240564	-9.259226464	-8.235871428	-7.366619474	0.2393217	0.126695	0.118598	0.1501111	-7.9947385
7125000000	1.780235837	-0.052359878	-5.78815814	-9.265888992	-9.424879101	-7.766619474	0.263745	0.1184162	0.1141595	0.1833741	-7.6974605
7125000000	1.780235837	-4.44E-16	-6.404297398	-6.929235267	-9.88571022	-7.366619474	0.2288602	0.202804	0.1026666	0.169591	-7.5453562
7125000000	1.780235837	0.052359878	-8.519067881	-4.916465636	-10.21987432	-6.696159832	0.1406349	0.3223691	0.0950632	0.2139853	-7.1441309
7125000000	1.780235837	0.104719755	-10.24532334	-4.586308535	-10.84255293	-4.935780878	0.0945078	0.3478317	0.0823654	0.2309386	-6.748277
7125000000	1.780235837	0.157079633	-10.23588685	-5.453458456	-13.05932083	-4.406577749	0.0947134	0.2848749	0.0494388	0.3625286	-6.0357856
7125000000	1.780235837	0.20943951	-10.6961725	-5.553978267	-15.27305134	-4.935538052	0.0851888	0.278357	0.0296958	0.2309565	-7.4842146
7125000000	1.780235837	0.261799388	-13.12607279	-4.077152583	-14.25376749	-4.593470978	0.0486847	0.3910792	0.0375512	0.3472585	-6.8582017
7125000000	1.780235837	0.314159265	-18.01086965	-2.914934135	-11.28645891	-3.027051882	0.0158093	0.5111008	0.0743625	0.4980751	-5.609249
7125000000	1.780235837	0.366591943	-18.28538711	-2.817316205	-6.682361177	-2.126852956	0.0148409	0.5272191	0.1354453	0.6127943	-4.928867
7125000000	1.780235837	0.41887902	-14.5107088	-3.15926166	-6.820460566	-2.477654232	0.035394	0.8341409	0.2079476	0.5652422	-4.9089003
7125000000	1.780235837	0.471238898	-12.04606606	-2.558823527	-4.982680168	-3.209664406	0.06243	0.554776	0.3174914	0.4775662	-4.5214423
7125000000	1.780235837	0.523598776	-10.18205899	-0.974837292	-3.229827077	-2.384472086	0.0958946	0.7989439	0.4753542	0.5775011	-3.1253934
7125000000	1.780235837	0.575958653	-9.016802468	0.400900284	-2.316431558	-0.342739371	0.1254064	0.1096705	0.5866224	0.9241151	-1.6544039
7125000000	1.780235837	0.628318531	-8.508926939	1.035777325	-2.453593537	-1.91981087	0.1409637	0.1269381	0.5683824	0.3158249	-0.8426927
7125000000	1.780235837	0.680678408	-8.469631316	1.124637897	-2.843127747	-1.719338813	0.142245	0.1295578	0.5196216	0.4857093	-0.6510348
7125000000	1.780235837	0.733038286	-8.620655422	1.417073651	-2.210984166	-1.547029074	0.1373835	0.1358217	0.6010375	0.4279168	-0.5156753
7125000000	1.780235837	0.785398163	-8.009748356	2.276592017	-0.668750403	-1.472531941	0.158134	0.16891149	0.8537142	0.4036318	-0.1121031
7125000000	1.780235837	0.837758041	-6.492360773	2.976024615	0.370590748	-1.886583176	0.2242663	0.1984277	1.0890782	1.5440392	-0.8293442
7125000000	1.780235837	0.890117919	-4								

7125000000	1.832595715	-3.036872899	-17.92065727	-10.93576242	-14.45455681	-13.27871732	0.0161411	0.0806165	0.0358546	0.0470033	-13.477163
7125000000	1.832595715	-2.984513021	-14.91351351	-9.961636753	-9.165193737	-8.526696121	0.0322588	0.1008873	0.1211939	0.1403881	-10.05762
7125000000	1.832595715	-2.932153143	-13.62243934	-10.16523387	-7.164273453	-7.053672976	0.0434266	0.0975815	0.19212	0.1970755	-8.776172
7125000000	1.832595715	-2.879793266	-13.26171062	-9.683111557	-9.52889605	-7.779952671	0.0471877	0.1075694	0.1114578	0.1667265	-9.6563082
7125000000	1.832595715	-2.827433388	-12.30868048	-8.545392928	-12.31669359	-8.17585609	0.0587668	0.139785	0.0585685	0.1521999	-9.8990134
7125000000	1.832595715	-2.775073511	-11.15352847	-7.703979032	-10.70287572	-7.720933957	0.0766738	0.1696688	0.0850575	0.1690077	-9.0273585
7125000000	1.832595715	-2.722713633	-9.567493734	-7.5939767	-11.93364247	-7.532081972	0.1104716	0.1740445	0.0640672	0.1765191	-8.8181597
7125000000	1.832595715	-2.670353756	-7.570036687	-8.019589701	-14.55756996	-7.083585694	0.1749832	0.157776	0.0350141	0.1957228	-8.5116905
7125000000	1.832595715	-2.617993878	-6.58095251	-8.72851937	-13.96552995	-6.500606719	0.2197378	0.1340133	0.040128	0.2238408	-8.1126838
7125000000	1.832595715	-2.565634	-6.780081769	-9.939197693	-11.58912826	-6.395252108	0.20989	0.1014099	0.0693565	0.2293373	-8.167346
7125000000	1.832595715	-2.513274123	-6.299645001	-11.01616205	-10.14255806	-7.045160844	0.234442	0.0791378	0.0967708	0.1974622	-8.1829018
7125000000	1.832595715	-2.460914245	-5.077356531	-9.902651197	-11.47093905	-7.861766632	0.310645	0.1022669	0.07127	0.1636151	-7.906211
7125000000	1.832595715	-2.408554368	-5.517334284	-8.230622158	-14.61276003	-7.309855085	0.2807156	0.1502927	0.034572	0.1857866	-7.8823432
7125000000	1.832595715	-2.35619449	-8.88598421	-7.770950822	-13.39633767	-6.294647944	0.1292414	0.1670725	0.0457474	0.234712	-8.4105493
7125000000	1.832595715	-2.303834613	-15.12045351	-8.178460614	-10.55369386	-6.119212559	0.0307578	0.1521087	0.08803	0.2443874	-8.9001354
7125000000	1.832595715	-2.251474735	-14.68058761	-8.011922357	-8.373066484	-6.313102719	0.0340362	0.1580548	0.1454432	0.2337167	-8.4523309
7125000000	1.832595715	-2.199114858	-12.43598596	-6.98900401	-7.56540481	-6.158456672	0.0570691	0.2000321	0.1751698	0.242189	-7.7310382
7125000000	1.832595715	-2.14675498	-12.34477358	-6.394616591	-8.208035066	-5.981528405	0.0582804	0.2293709	0.1510764	0.2522593	-7.625974
7125000000	1.832595715	-2.094395102	-12.66946968	-6.420694813	-9.156978607	-5.889601842	0.054082	0.2279977	0.1212433	0.2576557	-7.817549
7125000000	1.832595715	-2.042035225	-11.55668259	-6.19595944	-7.878647565	-5.368474565	0.0698766	0.2401066	0.1629809	0.2905043	-7.1926893
7125000000	1.832595715	-1.989675347	-8.895985947	-5.536263307	-5.467026071	-4.769561132	0.1289441	0.2794948	0.2839863	0.3334601	-5.9096121
7125000000	1.832595715	-1.93731547	-6.451807005	-5.097972961	-3.436641333	-4.95602553	0.2263702	0.3091738	0.453248	0.319446	-4.8537373
7125000000	1.832595715	-1.884955592	-5.150307589	-4.934255113	-2.934691943	-6.082460743	0.3054705	0.3210513	0.5087809	0.246454	-4.616284
7125000000	1.832595715	-1.832595715	-4.476351423	-4.424342896	-3.951283238	-7.1623902	0.3567507	0.3610486	0.4025981	0.1922034	-4.839273
7125000000	1.832595715	-1.780235837	-3.816724214	-3.378854508	-4.41299976	-6.77485728	0.4152672	0.4593191	0.3619929	0.2101427	-4.617495
7125000000	1.832595715	-1.72787596	-3.314648087	-2.415830044	-2.954950769	-6.685148864	0.4661602	0.5733463	0.5064131	0.2700755	-3.4294534
7125000000	1.832595715	-1.675516082	-3.06612246	-1.963965676	-1.516938315	-5.338173406	0.4936143	0.6362143	0.70519	0.2925383	-2.741788
7125000000	1.832595715	-1.623156204	-2.76496761	-1.869074851	-1.348486989	-6.059859528	0.5290579	0.6502682	0.7330799	0.2477502	-2.6757482
7125000000	1.832595715	-1.570796327	-2.07633585	-1.585066189	-1.882167629	-7.035495566	0.6199639	0.694214	0.6483108	0.1979021	-2.6752767
7125000000	1.832595715	-1.518436449	-0.974973301	-0.72799845	-1.831454236	-6.948709008	0.7989189	0.8456682	0.6559256	0.2018696	-2.0370164
7125000000	1.832595715	-1.466076572	0.21186751	0.0484947613	-0.961807743	-5.83194727	1.0499938	1.1813663	0.8013444	0.261099	-0.9278034
7125000000	1.832595715	-1.413716694	1.039254403	1.542219168	-0.300756848	-4.7093386	1.270356	1.4263362	0.9266683	0.3381163	-0.0402807
7125000000	1.832595715	-1.361356817	1.208667594	2.108418112	-0.68692787	-4.326342454	1.3208903	1.6249568	0.8537034	0.3691885	0.1975513
7125000000	1.832595715	-1.308996939	0.828654793	2.20701103	-1.543573221	-4.555950915	1.2102232	1.6622682	0.7008784	0.3502716	-0.0837068
7125000000	1.832595715	-1.256637061	0.598372133	2.148801499	-1.692920292	-4.438623	1.1477233	1.6401371	0.677186	0.3598634	-0.1943879
7125000000	1.832595715	-1.204277184	1.08520394	2.213425199	-1.004032529	-3.268026061	1.2838681	1.6647251	0.793591	0.4711914	-0.2537018
7125000000	1.832595715	-1.151917306	1.728765444	2.272032822	-0.814290826	-1.720089115	1.4889378	1.6873426	0.8290313	0.6729628	-0.6802571
7125000000	1.832595715	-1.099557429	1.803414531	1.862379141	-2.141072658	-0.902015349	1.5147517	1.5354579	0.6107911	0.8214534	-0.48583
7125000000	1.832595715	-1.047197551	1.491893407	0.634546907	-4.683979847	-1.288212938	1.4099032	1.1573233	0.3400964	0.7433249	-0.3969005
7125000000	1.832595715	-0.994837674	1.723444209	-1.302526107	-6.203928518	-2.764142979	1.4871145	0.7408792	0.2396664	0.5921584	-1.2539955
7125000000	1.832595715	-0.942477796	2.368386639	-3.228039812	-5.215371851	-4.852326877	1.7251969	0.4755498	0.3009281	0.3271721	-1.5045035
7125000000	1.832595715	-0.890117919	2.402914364	-4.1040438	-7.877892889	-6.963194829	1.7389674	0.3622093	0.4094593	0.2012243	-1.6879268
7125000000	1.832595715	-0.837758041	1.505815245	-5.099581271	-3.558031573	-8.2368054	1.4144302	0.3090593	0.4407546	0.1500788	-2.3763602
7125000000	1.832595715	-0.785398163	0.370275058	-5.833080298	-3.724233958	-7.446075623	1.0889991	0.2610309	0.4242058	0.1800497	-3.1167108
7125000000	1.832595715	-0.733038286	0.309937247	-6.597947733	-3.257115395	-5.839157445	1.0739739	0.2188796	0.4723677	0.2606659	-2.9544283
7125000000	1.832595715	-0.680678408	1.026389209	-7.177783914	-2.098055135	-5.379551008	1.2665984	0.191233	0.6168712	0.2897643	-2.2827345
7125000000	1.832595715	-0.628318531	1.239285653	-7.670865846	-1.197548683	-6.788544625	1.3302356	0.1709674	0.7590059	0.2094814	-2.0941749
7125000000	1.832595715	-0.575958653	0.454942231	-8.114397548	-1.055723279	-9.913922255	1.1104378	0.1543691	0.7842051	0.1020018	-2.6947514
7125000000	1.832595715	-0.523598776	1.147108403	-8.247744921	-1.128831317	-9.477401345	0.7678726	0.1497013	0.7051149	0.0743308	-3.7237316
7125000000	1.832595715	-0.471238898	-2.689561852	-7.828762769	-2.201188909	-9.972936241	0.5383241	0.1648632	0.6021173	0.1006251	-4.5409638
7125000000	1.832595715	-0.41887902	-3.416738092	-7.251496839	-3.049625085	-10.54385954	0.4553299	0.1883	0.495493	0.0882295	-5.139097
7125000000	1.832595715	-0.366519143	-3.928659774	-7.676467162	-4.116494027	-13.08310512	0.4047008	0.1707471	0.3875704	0.0491688	-5.9679923
7125000000	1.832595715	-0.314159265	-4.472441688	-9.776327235	-5.219046477	-12.54675877	0.357072	0.1052852	0.3006736	0.0563169	-5.8994943
7125000000	1.832595715	-0.261799388	-4.616383155	-11.05582962	-6.25335997	-11.0244161	0.3453143	0.0784182	0.2369553	0.0789875	-7.3295017
7125000000	1.832595715	-0.20943951	-4.949289013	-9.106986216	-6.463560793	-11.90428366	0.3199419	0.1228291	0.1793263	0.0645108	-7.6535679
7125000000	1.832595715	-0.157079633	-5.924575046	-8.096885389	-8.816151722	-11.32516005	0.2555892	0.1549928	0.1313374	0.0737028	-8.1274533
7125000000	1.832595715	-0.104719755	-6.269977729	-8.821479529	-3.51278829	-8.428268837	0.236049	0.1311753	0.1161107	0.1436062	-8.048732
7125000000	1.832595715	-0.052359878	-5.809283074	-9.112521453	-9.411295277	-7.405648616	0.2624652	0.1226277	0.1145571	0.1817336	-7.6866516
7125000000	1.832595715	-4.44E-16	-6.404297522	-6.929234963	-9.885710309	-7.705971946	0.2288602	0.202804	0.1026666	0.169591	-7.5453562
7125000000	1.832595715	0.052359878	-8.534402112	-4.981867456	-10.25905018	-6.606975624	0.1401392	0.3175508	0.0942096	0.218425	-7.1538617
7125000000	1.832595715	0.104719755	-10.39080465	-4.627026385	-10.93428782	-4.858350768	0.0913944	0.3445858	0.0806438	0.3267119	-6.760594
7125000000	1.832595715	0.157079633	-10.28673496	-5.429118098	-13.10579724	-4.45916181	0.0936109	0.286476	0.0489125	0.3581656	-7.0599422
7125000000	1.832595715	0.20943951	-10.43900784	-5.594158218	-14.697405	-5.034497706	0.0903856	0.2757936	0.0339047	0.3317258	-7.4847757
7125000000	1.832595715	0.261799388	-12.44140364	-4.300203702	-13.38758631	-4.49207636	0.056998	0.3715178	0.0458397	0.3154673	-6.8807077
7125000000	1.832595715	0.314159265	-16.59157005	-3.222117397	-10.79759165	-2.91412982	0.0219201	0.4761988	0.0832225	0.5111955	-5.6362388
7125000000	1.832595715	0.366519143	-16.93296975	-3.074332075	-8.612129475	-2.151409709	0.020263	0.4926821	0.1376536	0.6093391	-5.071089
7125000000	1.832595715	0.41887902	-13.18609316	-3.206715602	-7.037337757	-2.513244882	0.0480165	0.4778905	0.1978182	0.5606289	-4.9337518
7125000000	1.832595715	0.471238898	-10.70888529	-2.4677							

7125000000	1.832595715	2.879793266	-15.98708546	-10.98730201	-7.782772698	-19.59288325	0.0251937	0.0796654	0.1666183	0.0109828	-11.511028
7125000000	1.832595715	2.932153143	-15.29941247	-12.62624557	-7.350053978	-20.12981317	0.0295161	0.054623	0.1840749	0.0097055	-11.58141
7125000000	1.832595715	2.984513021	-14.21594287	-15.57404106	-14.88957719	-20.12981317	0.0378796	0.0277074	0.1259183	0.0324371	-12.519235
7125000000	1.832595715	3.036872899	-15.47844056	-20.75622259	-15.23404768	-20.12981317	0.0283241	0.0084019	0.0501554	0.0299637	-15.44494
7125000000	1.832595715	3.089232776	-18.30024107	-25.00005619	-16.06741841	-20.34285897	0.0147903	0.0031622	0.0247319	0.0092409	-18.866680
7125000000	1.832595715	3.141592654	-19.13630031	-19.90078164	-14.50141609	-19.67111019	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.884955592	-3.141592654	-19.1363001	-19.90078159	-14.50141594	-19.67111007	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.884955592	-3.089232776	-19.33545382	-14.22408466	-14.47865923	-17.88967788	0.0116535	0.0378087	0.0356561	0.0162567	-15.961294
7125000000	1.884955592	-3.036872899	-17.65062857	-10.67457831	-14.40497371	-13.09023791	0.0171766	0.0856135	0.0362662	0.0490881	-13.275686
7125000000	1.884955592	-2.984513021	-14.71049704	-9.62354703	-8.949706727	-8.28333861	0.0338026	0.109055	0.1273589	0.1844794	-9.8016126
7125000000	1.884955592	-2.932153143	-13.49911152	-10.04832665	-7.092909394	-6.948388882	0.0446775	0.0988934	0.1953031	0.2019115	-8.6903496
7125000000	1.884955592	-2.879793266	-13.17394006	-10.20119501	-9.675521342	-7.88202624	0.0481511	0.095473	0.1077576	0.1628536	-8.8481293
7125000000	1.884955592	-2.827433388	-12.51167129	-9.231035706	-12.07523622	-8.538001467	0.0560832	0.1193703	0.0620121	0.1400232	-10.251559
7125000000	1.884955592	-2.775073511	-11.82303156	-8.101531775	-10.15069029	-8.195644833	0.0657199	0.154827	0.0965897	0.151508	-9.3121632
7125000000	1.884955592	-2.722713633	-10.23981123	-7.636950987	-11.12368534	-7.793478317	0.0946278	0.1723078	0.0772025	0.1662081	-8.9419508
7125000000	1.884955592	-2.67933756	-8.011661917	-7.797171571	-13.40813073	-7.233701725	0.1580643	0.1660668	0.0456233	0.1890731	-8.5478216
7125000000	1.884955592	-2.617938878	-6.904044953	-8.211929666	-13.28680205	-6.970423337	0.2039837	0.1509409	0.0469159	0.2008897	-8.2193702
7125000000	1.884955592	-2.565634	-7.203857528	-8.969585573	-10.92960487	-7.249105527	0.1903769	0.1267773	0.0807308	0.1884037	-8.3934844
7125000000	1.884955592	-2.513274123	-7.562438813	-9.907004135	-9.430949629	-7.994768069	0.1752896	0.1021644	0.114	0.1586804	-8.6159119
7125000000	1.884955592	-2.460914245	-6.951124523	-9.464957294	-10.84104341	-8.231303761	0.2017844	0.1131109	0.082394	0.1502691	-8.6362961
7125000000	1.884955592	-2.408554368	-6.975220282	-7.83388065	-14.45211627	-7.024859275	0.2006679	0.164669	0.0358747	0.1983874	-8.2419904
7125000000	1.884955592	-2.3561494	-8.801321455	-6.839416344	-13.55058436	-5.949215198	0.1317856	0.207042	0.0446079	0.2541432	-7.9752626
7125000000	1.884955592	-2.303834613	-12.65655336	-6.816137429	-10.29068095	-5.748940194	0.0542431	0.2081547	0.0935259	0.2661374	-8.0822689
7125000000	1.884955592	-2.251474735	-17.60168993	-6.886424685	-8.018998516	-5.889243989	0.0173712	0.204813	0.1577975	0.257677	-7.9747168
7125000000	1.884955592	-2.199114858	-18.44186253	-6.32800552	-7.342716621	-6.107381014	0.0143157	0.2329804	0.1843862	0.2405041	-7.9716406
7125000000	1.884955592	-2.14675498	-16.47301406	-5.719116025	-8.24089501	-6.742760797	0.0225268	0.2679714	0.1499376	0.2117015	-7.8772102
7125000000	1.884955592	-2.094395102	-12.97989577	-5.255414162	-9.51067921	-7.482275923	0.0503513	0.2981663	0.1119263	0.1785552	-7.9655979
7125000000	1.884955592	-2.042035225	-9.905398468	-4.456946427	-8.279398364	-7.229509618	0.1022022	0.3583483	0.1486142	0.1892575	-6.9982838
7125000000	1.884955592	-1.989675347	-7.982926253	-3.573168434	-5.710286011	-6.3589071	0.1591136	0.4392211	0.2685168	0.2312647	-5.6141172
7125000000	1.884955592	-1.93731547	-6.469588694	-3.219482502	-3.65321442	-6.045773339	0.2255443	0.4764878	0.4311998	0.2485551	-4.6165003
7125000000	1.884955592	-1.884955592	-4.932861477	-3.258371038	-3.289229636	-6.459041447	0.3211544	0.4722401	0.4688897	0.2259935	-4.2972692
7125000000	1.884955592	-1.832595715	-3.532686379	-2.823133603	-4.950728604	-6.77004446	0.4433343	0.5220194	0.3541662	0.2103757	-4.1739818
7125000000	1.884955592	-1.780235837	-2.647011549	-1.714965609	-4.955846056	-6.155553985	0.5436243	0.6737572	0.3194592	0.2323509	-3.5183728
7125000000	1.884955592	-1.72787596	-2.314457939	-0.736567187	-3.283489206	-5.264136653	0.5868866	0.8440016	0.4695167	0.2975681	-2.6003763
7125000000	1.884955592	-1.675516082	-2.216007369	-0.352032452	-1.838458274	-5.104333614	0.6003427	0.9221398	0.6548686	0.3087213	-2.0654621
7125000000	1.884955592	-1.623156204	-2.08075217	-0.373146228	-1.719449917	-5.892050636	0.6193338	0.9176676	0.6730619	0.2575105	-2.0978985
7125000000	1.884955592	-1.570796327	-1.823148086	-0.261471818	-2.153361939	-6.783282065	0.6571813	0.9415704	0.6090652	0.2097354	-2.168641
7125000000	1.884955592	-1.518436449	-1.244126618	0.295010162	-1.930250542	-6.653604977	0.750909	1.0702889	0.6411703	0.2160924	-1.7417472
7125000000	1.884955592	-1.466076572	-0.260930524	1.101703977	-1.024594667	-5.74864767	0.9416878	1.288755	0.7898426	0.2661666	-0.853271
7125000000	1.884955592	-1.413716694	0.560910427	1.791134155	-0.48822503	-4.899461528	1.1378658	1.5104746	0.9018156	0.3236338	-0.1392395
7125000000	1.884955592	-1.361356817	0.652956094	2.13801297	-0.503833366	-4.71640682	1.1622394	1.6360678	0.8310778	0.3375665	-0.036031
7125000000	1.884955592	-1.308996939	0.135435148	2.164474859	-1.858348689	-5.092718854	1.0316764	1.6460673	0.6984979	0.3095481	-0.3552943
7125000000	1.884955592	-1.256637061	-0.059358018	2.090469363	-1.612802738	-5.013985158	0.9864253	1.6182549	0.6897945	0.3152111	-0.4459059
7125000000	1.884955592	-1.204277184	0.578287378	2.110360352	-0.959718482	-3.578269914	1.1424277	1.6256836	0.8136322	0.3487054	-0.221457
7125000000	1.884955592	-1.151917306	1.19529752	2.104664489	-0.865136581	-1.624194075	1.3168301	1.6235529	0.854056	0.6879876	0.494532
7125000000	1.884955592	-1.099557429	1.152910886	1.67408304	-1.956007887	-0.443735375	1.3040405	1.4703079	0.6373811	0.9028726	0.3288072
7125000000	1.884955592	-1.047197551	0.830605623	0.499088519	-4.426205103	-0.412715395	1.210767	1.121783	0.3608939	0.9093445	-0.4542124
7125000000	1.884955592	-0.994837674	1.16331879	-1.298625978	-5.95608197	-1.271767393	1.3071694	0.7415448	0.2540617	0.746145	-1.1791382
7125000000	1.884955592	-0.942477796	1.8759644	-2.938702834	-5.803040622	-2.599731478	1.5402685	0.5083112	0.3102387	0.5495749	-1.3840686
7125000000	1.884955592	-0.890117919	1.993195022	-3.746739249	-3.859446879	-4.295405481	1.5824118	0.4220132	0.4112021	0.3719285	-1.5683646
7125000000	1.884955592	-0.837758041	1.292174153	-4.173774442	-3.690948579	-6.413564177	1.3465343	0.3824922	0.427466	0.2283724	-2.259623
7125000000	1.884955592	-0.785398163	0.41404796	-4.825863413	-4.1037041	-7.491090448	1.1003037	0.329165	0.3887135	0.1781931	-3.018772
7125000000	1.884955592	-0.733038286	0.449792125	-5.822426208	-3.824675986	-6.183503253	1.1091217	0.2616721	0.4145075	0.2407962	-3.5939964
7125000000	1.884955592	-0.680678408	1.194560363	-7.009985812	-2.622267864	-5.184832016	1.3166066	0.199068	0.5467304	0.3030518	-2.2814498
7125000000	1.884955592	-0.628318531	1.448128855	-8.178351834	-1.53957009	-6.071743735	1.3957669	0.1521125	0.7015248	0.2470732	-2.0473237
7125000000	1.884955592	-0.575958653	0.582671436	-8.830904106	-1.233461171	-9.087594556	1.1435816	0.1308909	0.7527554	0.1233788	-2.69499
7125000000	1.884955592	-0.523598776	-1.31067167	-8.434994579	-1.586747058	-11.43638775	0.7394909	0.143384	0.6939454	0.0718392	-3.8492905
7125000000	1.884955592	-0.471238902	-3.128919908	-7.410031179	-2.210379433	-9.231510814	0.4865282	0.1815503	0.6011212	0.1007853	-4.6502731
7125000000	1.884955592	-0.41887908	-3.689597102	-6.673837028	-0.306202405	-9.968077018	0.4276026	0.2150881	0.4970267	0.1017375	-5.0847894
7125000000	1.884955592	-0.366519143	-3.863087466	-7.150992074	-4.127469118	-12.70521107	0.4108575	0.1927085	0.3865922	0.0536388	-5.8344396
7125000000	1.884955592	-0.314159265	-4.233896216	-9.148421861	-5.282767751	-13.03403857	0.3772336	0.1216628	0.2962943	0.0497274	-6.7524537
7125000000	1.884955592	-0.261799388	-4.508257677	-10.19922838	-6.342309877	-11.14330572	0.3541394	0.0955162	0.2321502	0.0768545	-7.2201263
7125000000	1.884955592	-0.20943951	-5.051746575	-8.605779126	-7.626104453	-11.94902348	0.3124822	0.1378549	0.1727387	0.0638407	-6.6515606
7125000000	1.884955592	-0.157079633	-6.074201464	-7.875544304	-7.021470871	-11.74544103	0.2469334	0.1630968	0.1252717	0.0699046	-7.2314103
7125000000	1.884955592	-0.104719755	-6.324816525	-8.660060535	-9.425455806	-8.623742604	0.2330872	0.1361426	0.1141444	0.1372858	-8.0926262
7125000000	1.884955592	-0.052359878	-5.828893098	-8.95730989	-9.39689539	-7.446949556	0.2612827	0.1271361	0.1148975	0.1800135	-7.6742962
7125000000	1.884955592	-4.44E-16	-6.40429767	-6.929235194	-9.885709942	-7.705971662	0.2288602	0.202804	0.1026666	0.169591	-7.5453562
7125000000	1.884955592	0.052359878									

7125000000	1.884955592	2.460914245	-8.687458726	-6.196288937	-8.594154101	-8.492976905	0.1352864	0.2400884	0.1382244	0.1414824	-7.8576467
7125000000	1.884955592	2.513274123	-8.741856273	-7.841434204	-7.086712187	-8.344484789	0.1336024	0.1643829	0.1955793	0.1464035	-7.9590165
7125000000	1.884955592	2.565634	-11.27039765	-9.794662767	-7.884622796	-6.514783726	0.074638	0.1048415	0.1627563	0.2231131	-8.4974478
7125000000	1.884955592	2.617993878	-12.46885186	-12.14098287	-10.78000941	-7.179380664	0.0566389	0.0610804	0.0835601	0.1914529	-10.079634
7125000000	1.884955592	2.670353756	-14.77723345	-10.80253493	-10.88195129	-11.00052847	0.0831278	0.0332872	0.0816216	0.0794322	-11.586731
7125000000	1.884955592	2.722713633	-11.62520653	-13.93882379	-9.474863677	-15.65552741	0.0687827	0.0403755	0.1128531	0.0271924	-12.055055
7125000000	1.884955592	2.775073511	-14.66479701	-10.8337747	-9.080796562	-14.03583925	0.0341602	0.082532	0.1235721	0.0394835	-11.552933
7125000000	1.884955592	2.827433388	-16.62024579	-9.089737373	-8.394878763	-14.2349416	0.0217759	0.1233179	0.1447145	0.0377143	-10.868187
7125000000	1.884955592	2.879793266	-17.15064712	-9.46283823	-6.966811533	-18.89426743	0.0192724	0.1131661	0.2010568	0.0182895	-10.624887
7125000000	1.884955592	2.932515143	-15.58087863	-11.57277013	-6.441164663	-18.62450956	0.0276638	0.0696182	0.2269526	0.0137665	-10.732283
7125000000	1.884955592	2.984513021	-14.4047797	-14.81075307	-8.25638315	-14.09599359	0.0362679	0.0330312	0.1494038	0.0389404	-11.910411
7125000000	1.884955592	3.036872899	-15.79227771	-19.91002488	-12.50480187	-14.68210199	0.0263495	0.0102093	0.056172	0.0340243	-14.990943
7125000000	1.884955592	3.089232776	-18.51325085	-24.05968872	-16.04415067	-20.29127203	0.0140823	0.0039267	0.0248648	0.0093513	-18.8418
7125000000	1.884955592	3.141592654	-19.1363001	-19.90078159	-14.50141594	-19.67111007	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.93731547	-1.134592654	-19.13629992	-19.90078152	-14.50141613	-19.67110973	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.93731547	-3.089232776	-19.23552839	-14.23381382	-14.53311176	-18.02558128	0.0119247	0.0377241	0.0352118	0.0157559	-15.993909
7125000000	1.93731547	-3.036872899	-17.37016527	-10.45115268	-14.73224669	-12.87548937	0.0183224	0.0901332	0.0365406	0.0515764	-13.08537
7125000000	1.93731547	-2.984513021	-14.56721507	-9.282203509	-8.798411706	-8.049259744	0.0349364	0.1179722	0.1318739	0.1567018	-9.571447
7125000000	1.93731547	-2.932153143	-13.40809523	-9.855275438	-7.099272705	-6.585396184	0.0456237	0.1033886	0.1950171	0.2061391	-8.6156429
7125000000	1.93731547	-2.879793266	-12.64904462	-10.57387181	-8.97741857	-8.0082392	0.054337	0.0876219	0.1023825	0.1581889	-9.972613
7125000000	1.93731547	-2.827433388	-11.64093033	-9.973099181	-11.7606058	-8.961688588	0.0685341	0.1006213	0.0666714	0.127008	-10.42351
7125000000	1.93731547	-2.775073511	-11.1419213	-8.641070284	-9.602451646	-8.737691261	0.076879	0.1367392	0.1095859	0.1337306	-9.4220578
7125000000	1.93731547	-2.722713633	-10.07996915	-7.785338495	-10.36029872	-8.142891476	0.0981755	0.1665199	0.0920386	0.1533596	-8.9440113
7125000000	1.93731547	-2.670353756	-8.538127823	-7.516646516	-12.45293022	-7.614041148	0.1400191	0.1771476	0.0568469	0.1732191	-8.6388789
7125000000	1.93731547	-2.617993878	-8.001518432	-7.465955804	-12.93621462	-7.704801257	0.1584339	0.1792274	0.0508603	0.1696367	-8.553026
7125000000	1.93731547	-2.565634	-8.571222346	-7.756857756	-10.54012343	-8.057906023	0.1389561	0.1676155	0.0883055	0.1563902	-8.6069776
7125000000	1.93731547	-2.513274123	-9.305123345	-8.463595349	-8.946674105	-8.201564088	0.1173512	0.1244428	0.1274479	0.1512985	-8.1683627
7125000000	1.93731547	-2.460914245	-9.180259206	-8.36171472	-10.3940241	-7.620144662	0.1207742	0.1458237	0.0913267	0.1279559	-8.7704689
7125000000	1.93731547	-2.408554368	-8.703022074	-6.743998419	-14.16512436	-6.476594763	0.1348025	0.2116412	0.0383255	0.0250819	-8.1683627
7125000000	1.93731547	-2.35619449	-9.191132057	-5.270040851	-13.47973869	-5.860268334	0.1204722	0.2971364	0.0448772	0.2594019	-7.435903
7125000000	1.93731547	-2.303834613	-11.79174451	-4.807608013	-10.03696042	-5.913040904	0.0661951	0.3305516	0.0991526	0.2562689	-7.254751
7125000000	1.93731547	-2.251474735	-16.85428413	-5.001926125	-7.056253201	-6.206696735	0.0206334	0.3160875	0.1716859	0.2395152	-7.2820364
7125000000	1.93731547	-2.199114458	-17.30569077	-5.134749084	-7.058011778	-6.834220118	0.0185965	0.3065668	0.1968787	0.2072898	-7.3913482
7125000000	1.93731547	-2.14675498	-14.60584734	-4.950887762	-8.232714945	-7.979114522	0.034627	0.3198241	0.1502203	0.1592533	-7.7994113
7125000000	1.93731547	-2.094395102	-11.91516003	-4.296947813	-9.899420857	-5.84268128	0.0643404	0.3717964	0.1023429	0.1385394	-7.7145902
7125000000	1.93731547	-2.042035225	-9.649251519	-3.047169876	-8.668140338	-7.447536853	0.1084114	0.4957732	0.1358895	0.1798991	-6.3824231
7125000000	1.93731547	-1.989675347	-8.360226776	-1.9104527	-5.845574877	-5.856236265	0.1458738	0.6441021	0.260281	0.2596429	-4.8482191
7125000000	1.93731547	-1.93731547	-7.229396482	-1.581899553	-3.756460107	-5.031814142	0.1892607	0.6947204	0.4210697	0.3313917	-3.9282107
7125000000	1.93731547	-1.884955592	-5.681507091	-1.888938613	-3.542449068	-5.155384604	0.270302	0.6473008	0.4423389	0.3051136	-3.8063134
7125000000	1.93731547	-1.832595715	-4.251644978	-1.788212101	-4.924011618	-6.35812802	0.3756951	0.6624892	0.323414	0.273161	-3.8866018
7125000000	1.93731547	-1.780238537	-3.407178155	-0.772948975	-5.189226027	-5.473535118	0.4563333	0.8369608	0.3027456	0.283561	-3.279944
7125000000	1.93731547	-1.72787596	-2.834146726	0.258288114	-3.319818693	-4.787732483	0.5206973	0.6127711	0.4656055	0.3320678	-2.255471
7125000000	1.93731547	-1.675516082	-2.342863718	0.636458459	-1.95698668	-4.580607747	0.5836005	1.1578328	0.6372375	0.3048286	-1.6646733
7125000000	1.93731547	-1.623156204	-2.224038369	0.514916195	-1.958208264	-5.14365127	0.5992336	1.1258787	0.6370583	0.3489521	-1.5656313
7125000000	1.93731547	-1.570796327	-2.379945196	0.503824667	-2.353426259	-5.66106247	0.5781033	1.123007	0.5816442	0.2715775	-1.9478265
7125000000	1.93731547	-1.518436449	-1.975901705	0.899904752	-2.02348124	-5.298730082	0.6344682	1.2302418	0.6275551	0.2952072	-1.5684903
7125000000	1.93731547	-1.466076572	-0.719327579	1.415966545	-1.13033951	-4.434236475	0.8473586	1.3854685	0.7708432	0.3602271	-0.7521725
7125000000	1.93731547	-1.413716694	0.306670387	1.709906951	-0.615354486	-3.750050905	1.0731663	1.4824863	0.8678897	0.4216919	-0.1713722
7125000000	1.93731547	-1.361356817	0.418630606	1.692599855	-0.934772503	-3.77820165	1.101192	1.4765902	0.8063484	0.418967	-0.2192251
7125000000	1.93731547	-1.308996967	0.002869767	1.493991178	-1.568450903	-4.521974104	1.000661	1.4105845	0.6968744	0.3530227	-0.628405
7125000000	1.93731547	-1.256637061	0.129566753	1.302115009	-1.560080429	-5.096887464	1.0302833	1.34962	0.6982195	0.3092511	-0.7219685
7125000000	1.93731547	-1.2042771806	0.89380529	1.221048837	-0.837848969	-4.107262739	1.2285152	1.3246614	0.8245464	0.6889953	-0.2616066
7125000000	1.93731547	-1.151917304	1.342513146	1.138343324	-0.837813988	-2.082452683	1.3622327	1.2996737	0.874256	0.3139011	-0.1653756
7125000000	1.93731547	-1.099557429	1.124236712	0.765871247	-1.727553079	-0.667147251	1.295459	1.1928355	0.6718073	0.857601	-0.0191976
7125000000	1.93731547	-1.047197551	0.771297585	-0.074091821	-3.99843624	-0.290293589	1.1943449	0.9830844	0.3982132	0.9353424	-0.5663203
7125000000	1.93731547	-0.994837674	1.051971201	-1.13730967	-4.523666549	-0.601282339	1.2740812	0.769607	0.2868358	0.8707065	-0.9674304
7125000000	1.93731547	-0.942477796	1.659449334	-1.784489676	-6.45787685	-1.238212822	1.465362	0.6630573	0.3421467	0.7519307	-0.9386752
7125000000	1.93731547	-0.890117919	1.107483772	-1.910521443	-3.543351161	-2.324269561	1.5173118	0.6440919	0.442247	0.5855622	-0.9837647
7125000000	1.93731547	-0.837758041	1.314977196	-2.14942519	-5.339102571	-4.204800192	1.353623	0.609618	0.4426794	0.3797694	-1.5712724
7125000000	1.93731547	-0.785398163	0.628872253	-2.939280411	-4.248746974	-6.216653672	1.1558121	0.5082436	0.3759459	0.2389652	-2.44322
7125000000	1.93731547	-0.733038286	0.586749654	-4.340120401	-4.238224653	-6.10338154	1.1446559	0.3681188	0.3768578	0.2452798	-2.7267994
7125000000	1.93731547	-0.680678408	1.169807188	-6.153325865	-0.307632177	-5.115712567	1.3091238	0.2424752	0.4968631	0.3079135	-2.2895476
7125000000	1.93731547	-0.628318531	1.330184713	-7.93545071	-1.806578588	-5.646808755	1.3583712	0.1608625	0.6596934	0.2744703	-2.1264626
7125000000	1.93731547	-0.575958653	0.323279965	-8.834975356	-1.393341385	-8.414243427	1.0772785	0.1307683	0.7255475	0.1447007	-2.848446
7125000000	1.93731547	-0.523598776	-1.840519571	-8.22430468	-1.692748885	-11.47548215	0.6545579	0.1505114	0.6772127	0.1071954	-4.1075505
7125000000	1.93731547	-0.471238898	-3.778282738	-6.984942168	-9.99655666	-9.99655666	0.4189592	0.2002192	0.591488	0.010077	-4.845228
7125000000	1.93731547	-0.41887902	-3.93886648	-6.245800409	-3.087312331	-9.550240784	0.4037508	0.2373668	0.4912118	0.1109113	-5.0750479
7125000000	1.93731547	-0.366519143	-3.714877724	-6.768766264	-4.203626516	-12.3071615					

7125000000	1.93731547	2.042035225	-4.549040136	-8.82434972	-5.632421895	-0.722851883	0.3508294	0.1310886	0.2733744	0.8466712	-3.9740733
7125000000	1.93731547	2.094395102	-4.824610302	-10.91097053	-8.676669214	-0.319045238	0.32926	0.081078	0.1356229	0.9291706	-4.3322924
7125000000	1.93731547	2.14675498	-4.956263719	-10.96987875	-10.36877362	-1.504258748	0.3194285	0.0799873	0.0918592	0.7072519	-5.234122
7125000000	1.93731547	2.199114858	-5.545783945	-9.682120831	-8.479184588	-4.43994921	0.2788827	0.107594	0.1419324	0.3597535	-6.536575
7125000000	1.93731547	2.251474735	-6.729877079	-8.145962259	-9.560024031	-6.906881101	0.2123305	0.1532512	0.1106618	0.2038506	-7.6949109
7125000000	1.93731547	2.303834613	-8.309137463	-7.061136993	-13.48469232	-5.094700686	0.1476	0.1963731	0.0448261	0.3094069	-7.5785005
7125000000	1.93731547	2.35619449	-8.841537935	-6.066467832	-11.77242567	-3.77806697	0.1305708	0.2473735	0.0664902	0.4189797	-6.6584078
7125000000	1.93731547	2.408554368	-7.754283873	-5.090510684	-9.693545137	-4.851837947	0.1677149	0.3097055	0.1073113	0.3272022	-6.4209663
7125000000	1.93731547	2.460914245	-7.473953611	-5.063294508	-8.448837584	-7.989556187	0.1788977	0.3116525	0.1430593	0.1622349	-7.0121383
7125000000	1.93731547	2.513274123	-9.280336975	-6.142304373	-8.106320914	-8.268457152	0.1180229	0.2430914	0.154657	0.148989	-7.7939488
7125000000	1.93731547	2.565634	-13.03630028	-7.72532558	-9.792212842	-6.057998013	0.0497016	0.1688369	0.1049008	0.2478564	-8.4519904
7125000000	1.93731547	2.617993878	-13.33368872	-9.749937537	-10.78611361	-5.915687542	0.0464121	0.1059269	0.0834428	0.2561128	-9.1018801
7125000000	1.93731547	2.670353756	-11.33160645	-11.8759545	-8.816771908	-8.362991417	0.0735935	0.0649239	0.1313176	0.145781	-9.8336782
7125000000	1.93731547	2.722713633	-12.01060921	-11.51759156	-8.219093641	-12.91753103	0.0629418	0.0705084	0.1506922	0.0510795	-10.767276
7125000000	1.93731547	2.775073511	-14.73307937	-9.097342702	-8.851018592	-15.30780855	0.0336273	0.1231022	0.1302861	0.029464	-11.017143
7125000000	1.93731547	2.827433388	-17.09627846	-7.743573778	-8.184405439	-15.66099313	0.0195152	0.168129	0.1519006	0.021582	-10.377456
7125000000	1.93731547	2.879793266	-17.43641008	-8.431712956	-6.256294152	-18.90497094	0.0180451	0.1434923	0.2367939	0.0128678	-9.8800781
7125000000	1.93731547	2.932153143	-15.4152172	-10.82557332	-5.68530717	-16.98268262	0.0287394	0.082688	0.2700656	0.0200233	-9.5834694
7125000000	1.93731547	2.984513021	-14.45242341	-14.12250843	-7.643069753	-13.23977723	0.0358722	0.0387034	0.1720652	0.0474266	-11.336131
7125000000	1.93731547	3.036872899	-16.05492877	-18.93039564	-10.98697279	-14.1145628	0.0248032	0.0127926	0.0616641	0.0387743	-14.620732
7125000000	1.93731547	3.089232776	-18.72790699	-23.10719569	-16.03140916	-20.20682542	0.0134032	0.0048897	0.0249379	0.0095349	-18.797084
7125000000	1.93731547	3.141592654	-19.13629992	-19.90078152	-14.50141613	-19.67110973	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.989675347	-3.141592654	-19.13630003	-19.90078192	-14.50141591	-19.67111004	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	1.989675347	-3.089232776	-19.13843496	-14.27074352	-14.58639915	-18.14812574	0.0121943	0.0374047	0.0347805	0.0153175	-16.033713
7125000000	1.989675347	-3.036872899	-17.08423912	-10.27375542	-14.36016645	-12.64882495	0.0195693	0.0938911	0.0366424	0.0543397	-12.9148871
7125000000	1.989675347	-2.984513021	-14.46803878	-8.96625458	-8.706627737	-7.833881701	0.0357434	0.1268746	0.1346906	0.1046659	-9.3743912
7125000000	1.989675347	-2.932153143	-13.36473589	-9.569967835	-7.171067531	-6.792184548	0.0460815	0.1104087	0.1918197	0.2634059	-8.5527491
7125000000	1.989675347	-2.879793266	-11.86689626	-10.7115315	-10.17565135	-8.164885303	0.0605594	0.0848881	0.0960362	0.1525849	-10.015569
7125000000	1.989675347	-2.827433388	-10.10441342	-10.61038506	-11.44039094	-9.436485304	0.0976245	0.0868883	0.071773	0.1138548	-10.336933
7125000000	1.989675347	-2.775073511	-9.27854461	-9.227725601	-9.137901166	-9.33795161	0.1180716	0.1194614	0.1219579	0.1164675	-9.2449011
7125000000	1.989675347	-2.722713633	-8.53633571	-8.047407261	-9.25864121	-8.580692506	0.1400769	0.1567687	0.1065157	0.1386535	-8.6804892
7125000000	1.989675347	-2.670353756	-7.963386033	-7.334990451	-11.72172081	-8.11742645	0.1598311	0.1847145	0.067271	0.1542614	-8.4918367
7125000000	1.989675347	-2.617993878	-8.581440136	-6.760265539	-12.88117845	-8.355361728	0.1386296	0.1204899	0.0515089	0.1460373	-8.6405224
7125000000	1.989675347	-2.565634	-9.953992939	-6.573677614	-10.39863324	-8.206600372	0.101065	0.2201062	0.0912298	0.1511263	-8.5114509
7125000000	1.989675347	-2.513274123	-10.44428626	-7.099894615	-8.703205785	-7.462388181	0.0902758	0.1949892	0.1347968	0.1793747	-8.2431685
7125000000	1.989675347	-2.460914245	-9.689208768	-7.537662932	-10.20749955	-6.678163467	0.1074185	0.1762924	0.0953345	0.2148739	-8.3261233
7125000000	1.989675347	-2.408554368	-8.850653516	-6.284009727	-13.77953882	-6.211143723	0.1302971	0.2352876	0.0418838	0.2392686	-9.3132226
7125000000	1.989675347	-2.35619449	-9.198322515	-4.401505316	-12.92581127	-6.301771447	0.1202729	0.32629522	0.050256	0.2943573	-7.1680712
7125000000	1.989675347	-2.303834613	-11.9702944	-3.360795246	-9.597209093	-6.516004418	0.0635288	0.4612331	0.1097183	0.2230486	-6.6881126
7125000000	1.989675347	-2.251474735	-17.38401746	-3.221596237	-7.195205099	-6.617419445	0.0182641	0.4762559	0.1907546	0.2179004	-6.4628808
7125000000	1.989675347	-2.199114858	-16.29178059	-3.563399445	-6.685384817	-7.111468061	0.0234867	0.4402102	0.2145169	0.1944703	-6.6120297
7125000000	1.989675347	-2.14675498	-13.98295338	-3.970307222	-8.121292337	-7.777556002	0.0399673	0.4008384	0.1541242	0.1668186	-7.2024884
7125000000	1.989675347	-2.094395102	-12.92033387	-3.799195407	-10.14068377	-7.354163156	0.0510466	0.4169466	0.0968125	0.1839008	-7.277484
7125000000	1.989675347	-2.042035225	-12.13686196	-2.588771773	-8.863309425	-5.904162641	0.0611384	0.5059635	0.1291979	0.2567393	-6.0255756
7125000000	1.989675347	-1.989675347	-11.29362357	-1.262693832	-5.816971558	-4.45040636	0.0742399	0.7477056	0.2620009	0.3488156	-4.5488551
7125000000	1.989675347	-1.93731547	-9.550700486	-0.768923976	-3.725730193	-4.052673126	0.1108996	0.8377368	0.4240597	0.3957607	-3.5495553
7125000000	1.989675347	-1.884955592	-7.740943374	-1.034378749	-3.627421501	-4.467823082	0.1682309	0.7880652	0.4337683	0.357452	-3.5963875
7125000000	1.989675347	-1.832595715	-6.430612201	-1.086724024	-5.004588914	-5.354740605	0.2274777	0.7786237	0.3158938	0.2914244	-3.9431267
7125000000	1.989675347	-1.780235837	-5.233679814	-0.217775053	-5.05466965	-5.274662393	0.2996622	0.9510919	0.3121296	0.2968341	-3.3261293
7125000000	1.989675347	-1.72787596	-3.628912088	0.7930216	-3.116107335	-4.208061677	0.4336195	1.2003341	0.4879657	0.3794843	-2.0387622
7125000000	1.989675347	-1.675516082	-2.29847148	1.111448374	-1.902861723	-3.565327423	0.5890509	1.29165	0.6452289	0.4400148	-1.9789696
7125000000	1.989675347	-1.623156204	-1.903400319	0.797435164	-2.061840036	-3.731711963	0.6451489	1.2015546	0.6220365	0.423476	-1.4082926
7125000000	1.989675347	-1.570796327	-1.957831149	0.568168664	-2.505311661	-3.97028584	0.6371136	1.1397691	0.5616489	0.4008403	-1.64409
7125000000	1.989675347	-1.518436449	-1.27311834	0.86909784	-2.182107603	-3.585515572	0.745913	1.2215459	0.6050472	0.4379741	-1.2342422
7125000000	1.989675347	-1.466076572	-1.05644832	1.31476807	-1.366063942	-2.819771699	1.0246239	1.3535578	0.730119	0.5224237	-0.206671
7125000000	1.989675347	-1.413716694	1.053700268	1.418229209	-0.910315038	-2.261149452	1.2745886	1.3861905	0.8109022	0.5941349	-0.0708775
7125000000	1.989675347	-1.361356817	1.16208305	1.115888728	-1.166205091	-2.430031325	1.3067975	1.2927913	0.7645035	0.5714745	-0.0703284
7125000000	1.989675347	-1.308996399	0.911177544	0.716072663	-1.694408697	-3.407158218	1.2334392	1.1792538	0.676954	0.4563354	-0.5232342
7125000000	1.989675347	-1.256637061	1.097805896	0.513776901	-1.660068171	-4.607055436	1.2875989	1.1255834	0.682238	0.346174	-0.5652896
7125000000	1.989675347	-1.204277184	1.644155007	0.529654653	-0.917884109	-4.605017992	1.4602106	1.1297061	0.8094902	0.3463364	-0.2852198
7125000000	1.989675347	-1.151917306	1.86670744	0.576564647	-0.56019214	-3.034524963	1.5368989	1.1419747	0.8789836	0.4972188	-0.0594864
7125000000	1.989675347	-1.099557429	1.572583925	0.450435939	-1.502342421	-1.600820827	1.4364348	1.1092862	0.707564	0.6917002	-0.0602463
7125000000	1.989675347	-1.047197551	1.199150174	0.133264185	-3.506229839	-0.956068035	1.3179988	1.0311609	0.4460433	0.8024042	-0.0404625
7125000000	1.989675347	-0.994837674	1.306827062	-0.171655696	-4.785495405	-0.737108723	1.3510851	0.9612457	0.3322389	0.8438964	-0.5945248
7125000000	1.989675347	-0.942477796	1.742918	-0.238233006	-4.066568191	-0.719690958	1.4937977	0.9466222	0.3920516	0.8472877	-0.3624059
7125000000	1.989675347	-0.890117919	1.908982564	-0.217617469	-1.229660484	-1.229660484	1.5520234	0.9511264	0.4988149	0.7534145	-0.274062
7125000000	1.989675347	-0.837758041	1.523102108	-0.558540468	-3.159459497	-2.668143932	1.4200715	0.879318	0.4831189	0.5409855	-0.8046511
7125000000	1.989675347	-0.785398163	0.837914655	-							

7125000000	1.989675347	1.623156204	-1.237361855	-0.822902715	-2.206657627	1.639437813	0.7520796	0.827389	0.6016366	1.4586254	-0.4099075
7125000000	1.989675347	1.675516082	-1.443089459	-1.389164202	-1.353061771	0.748013504	0.7172839	0.7264257	0.7323081	1.1879587	-0.752303
7125000000	1.989675347	1.72787596	-2.303766787	-1.696523616	-2.66925386	-1.172468375	0.5883332	0.7662644	0.5408433	0.7634018	-1.922614
7125000000	1.989675347	1.780235837	-3.124982133	-1.660804777	-5.425083818	-4.308739632	0.486695	0.6821213	0.2867422	0.3707883	-3.4038984
7125000000	1.989675347	1.832595175	-3.048908037	-1.927117041	-8.084875181	-9.575139943	0.4955748	0.6416354	0.155422	0.1102773	-4.5503036
7125000000	1.989675347	1.884955592	-2.377299381	-2.854924671	-9.863860438	-19.52561019	0.5784556	0.5182121	0.1031844	0.0111542	-1.8513958
7125000000	1.989675347	1.93731547	-2.131470157	-4.200380063	-8.515232477	-9.85978666	0.6121431	0.3801561	0.1407592	0.1032812	-5.0992129
7125000000	1.989675347	1.989675347	-2.797719886	-5.591716794	-6.003590026	-4.263846057	0.5250831	0.2759487	0.2509811	0.3746411	-4.4774136
7125000000	1.989675347	2.042035225	-4.00575551	-6.976428487	-6.460507757	-1.696398512	0.3975799	0.2006121	0.2259172	0.6766439	-4.2575075
7125000000	1.989675347	2.094395102	-4.918607495	-8.133016483	-9.958582045	-1.135472483	0.3222102	0.1537087	0.1009582	0.7699327	-4.7275374
7125000000	1.989675347	2.14675498	-5.329811064	-8.463102289	-9.74781632	-2.566697612	0.2931021	0.142459	0.1059786	0.553771	-5.6252265
7125000000	1.989675347	2.191114858	-5.74093216	-7.972543823	-9.718933802	-6.321877052	0.2666286	0.1594945	0.1614755	0.233245	-6.8779959
7125000000	1.989675347	2.251474735	-6.378218232	-7.242141793	-9.78341186	-8.976476642	0.2302386	0.188706	0.1051136	0.1265763	-7.8872288
7125000000	1.989675347	2.303834613	-6.641582265	-6.877635583	-12.90820926	-5.505303253	0.2166914	0.2052279	0.0511893	0.2814943	-7.2434146
7125000000	1.989675347	2.35619449	-6.003687243	-6.415120398	-10.13569726	-3.619834593	0.2509755	0.2282906	0.0969238	0.4345268	-5.9743061
7125000000	1.989675347	2.408554368	-5.593793316	-5.477800557	-8.545087102	-4.261132863	0.2758168	0.2832826	0.1397949	0.3748752	-5.7114893
7125000000	1.989675347	2.460914245	-6.718781876	-5.119749423	-8.127345506	-7.085706943	0.2128736	0.3076274	0.1539095	0.1956272	-6.6252188
7125000000	1.989675347	2.513274123	-9.912726047	-5.62617935	-9.355698439	-9.101863943	0.1020299	0.2737676	0.1159926	0.1229741	-8.1335146
7125000000	1.989675347	2.565634	-13.32109086	-6.554414415	-11.8321861	-6.94035764	0.0465469	0.2210846	0.0655815	0.2022853	-8.7330188
7125000000	1.989675347	2.617993878	-11.92479326	-7.98601586	-9.178483208	-5.643471676	0.0641979	0.1590005	0.1208236	0.276797	-8.1198489
7125000000	1.989675347	2.670353756	-10.59697628	-9.604636595	-6.726506739	-6.666849537	0.087157	0.1095308	0.2124953	0.2154344	-8.0644582
7125000000	1.989675347	2.722713633	-11.59878702	-9.562926294	-7.016329184	-10.27702664	0.0692024	0.1105878	0.1987774	0.0938204	-9.2776104
7125000000	1.989675347	2.775073511	-14.3261178	-7.84888569	-6.884057669	-16.20480492	0.0369308	0.1641011	0.1353924	0.0239618	-10.452921
7125000000	1.989675347	2.827433388	-16.67426307	-6.890948798	-8.038129348	-18.74248624	0.0215067	0.2045998	0.1571039	0.0133583	-10.037416
7125000000	1.989675347	2.874793266	-16.54708158	-7.814974392	-5.66162111	-19.0350261	0.0221458	0.1653875	0.2713212	0.1012481	-9.8273236
7125000000	1.989675347	2.932153143	-14.84005875	-10.33949652	-5.073420145	-15.48447963	0.0328091	0.0924805	0.3109267	0.0282847	-9.3507331
7125000000	1.989675347	2.984513021	-14.36224484	-13.5086568	-7.158284349	-12.41120642	0.0366248	0.0445794	0.1926272	0.0573843	-10.81949
7125000000	1.989675347	3.036872899	-16.25940073	-17.93338862	-11.78055348	-13.56455236	0.0236625	0.1060399	0.0663658	0.0404093	-14.2558814
7125000000	1.989675347	3.089232776	-18.9432464	-22.19031674	-16.03161248	-20.09987966	0.0127549	0.006039	0.0249367	0.0097726	-18.7368
7125000000	1.989675347	3.141592654	-19.13630003	-19.90078192	-14.50141591	-19.67111104	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.042035225	3.141592654	-19.13629991	-19.9007818	-14.50141565	-19.671110987	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.042035225	3.089232776	-19.04662043	-14.33767118	-14.63831198	-18.25638173	0.0124548	0.0368326	0.0343706	0.0149404	-16.0819
7125000000	2.042035225	3.036872899	-16.79638499	-10.14919661	-14.37198564	-12.42321996	0.0209104	0.096623	0.0365428	0.0527372	-12.771333
7125000000	2.042035225	2.984513021	-14.39250774	-8.69872865	-8.66935357	-7.64484847	0.0363705	0.1349358	0.1358516	0.1719947	-9.2158616
7125000000	2.042035225	2.932153143	-13.40762638	-9.249047571	-7.29399509	-6.757424495	0.0456286	0.1188763	0.1864664	0.2109879	-8.5255523
7125000000	2.042035225	2.879793266	-11.14685822	-10.59861516	-10.59861516	-8.354633171	0.0767917	0.0871241	0.0893727	0.1406198	-10.007059
7125000000	2.042035225	2.827433388	-8.685390098	-10.94857877	-11.1977012	-9.93068893	0.1353509	0.0803789	0.0758979	0.1016087	-10.074062
7125000000	2.042035225	2.775073511	-7.48924031	-9.692468223	-8.845519496	-9.949982559	0.1782691	0.1073379	0.1304512	0.1011584	-8.883876
7125000000	2.042035225	2.722713633	-6.75070909	-8.379350467	-9.329532611	-9.028047406	0.2113144	0.1452329	0.1166935	0.1250821	-8.2512435
7125000000	2.042035225	2.670353756	-6.463508159	-7.388372769	-11.2853716	-8.488892487	0.2257611	0.1824579	0.0743811	0.1416155	-8.0672532
7125000000	2.042035225	2.617993878	-7.399659391	-6.371974364	-13.07591207	-8.427873323	0.1819844	0.2305699	0.0492503	0.1436193	-8.2000052
7125000000	2.042035225	2.565634	-9.132255954	-5.694459644	-10.43275838	-7.544661131	0.1221165	0.2694971	0.0905158	0.1760086	-7.8374307
7125000000	2.042035225	2.513274123	-9.60729959	-5.915048032	-6.645986149	-6.481263384	0.1094637	0.2561505	0.1365845	0.22484	-7.4050246
7125000000	2.042035225	2.460914245	-8.490903362	-6.844690342	-10.98191295	-6.126208579	0.1415499	0.2607907	0.0955232	0.243994	-7.6056134
7125000000	2.042035225	2.408554368	-7.877015912	-6.655214628	-13.05528213	-6.584727354	0.1630416	0.2160123	0.0494848	0.2195469	-7.9042762
7125000000	2.042035225	2.35619449	-8.954062021	-4.751994834	-11.8118213	-7.256109623	0.1272313	0.348113	0.0659001	0.1881001	-7.47121
7125000000	2.042035225	2.303834613	-12.63751808	-3.122136846	-8.827642769	-6.852974379	0.0544814	0.4872887	0.1309893	0.2063966	-6.5799407
7125000000	2.042035225	2.251474735	-19.25790733	-2.397301807	-6.61877107	-6.05390644	0.0118634	0.5757976	0.218028	0.2480901	-5.7931044
7125000000	2.042035225	2.191114858	-17.67128821	-2.385339734	-6.161873835	-5.96707492	0.0170951	0.5773857	0.2365169	0.2531002	-5.6999149
7125000000	2.042035225	2.14675498	-16.22019158	-2.816371335	-7.922198341	-6.061001456	0.0238771	0.5228328	0.1613542	0.2476851	-6.2171607
7125000000	2.042035225	2.094395102	-16.62043342	-3.128537284	-10.0207867	-5.455652709	0.0217749	0.4865711	0.0979021	0.2847831	-6.5219678
7125000000	2.042035225	2.042035225	-16.22788716	-2.496301374	-8.748260967	-4.490245816	0.1089326	0.5628204	0.1334056	0.3556112	-5.7236387
7125000000	2.042035225	1.989675347	-15.72567808	-1.34990097	-5.673617377	-3.749879415	0.0267567	0.7328412	0.2707935	0.4217082	-4.4069945
7125000000	2.042035225	1.93731547	-11.61250749	-0.746652323	-3.63629235	-3.628624407	0.0689841	0.842044	0.4331488	0.4336482	-3.5217096
7125000000	2.042035225	1.884955592	-9.158627676	-0.81044337	-3.57812999	-4.357892478	0.1213772	0.8297659	0.4387196	0.3666154	-3.5741725
7125000000	2.042035225	1.832595175	-7.745561815	-0.762980744	-4.853622777	-5.275413055	0.1680521	0.838884	0.3270677	0.2967964	-3.8965922
7125000000	2.042035225	1.780235837	-5.958939837	0.087199008	-4.74030813	-4.721621013	0.2535748	1.0202812	0.3357138	0.3371614	-3.12754
7125000000	2.042035225	1.72787596	-3.79616789	1.121761659	-2.884152605	-3.157677434	0.4417374	1.2942709	0.5147362	0.4833172	-1.6908882
7125000000	2.042035225	1.675516082	-2.238120365	1.473519775	-1.842880908	-2.2565747	0.5972937	1.4039511	0.6542021	0.5947611	-0.9014884
7125000000	2.042035225	1.623156204	-1.648564717	1.092706574	-2.158873377	-2.305085208	0.6841377	1.2860879	0.6082928	0.5881546	-1.0145678
7125000000	2.042035225	1.570796327	-1.3973634	0.682155329	-2.730680838	-2.573273633	0.7248759	1.1700799	0.5332513	0.5529332	-1.2677578
7125000000	2.042035225	1.518436449	-0.58803245	0.881513652	-2.528209488	-2.318246418	0.873367	1.2250431	0.5587005	0.7805347	-1.0048048
7125000000	2.042035225	1.466076572	0.522920591	1.367793665	-1.840031115	-1.641325584	1.1279557	1.3701855	0.6546315	0.685279	-0.1794916
7125000000	2.042035225	1.413716694	1.179803609	1.501912409	-1.327700813	-1.129014382	1.3121406	1.4131597	0.7204816	0.7710784	-0.2299293
7125000000	2.042035225	1.361356817	1.20514377	1.136463997	-1.587711055	-1.296906984	1.319819	1.2991114	0.6937914	0.7418384	0.0588376
7125000000	2.042035225	1.30896939	1.002879736	0.675915046	-2.21328226	-2.21328226	1.2597605	1.1683999	0.6264467	0.6007196	-0.391338
7125000000	2.042035225	1.256637061	1.135456521	0.578315898	-1.974382616	-3.488649385	1.2988101	1.1424352	0.6346901	0.4478526	-0.5505022
7125000000	2.042035225	1.204277184	1.5785635								

7125000000	2.042035225	1.204277184	-1.84669851	2.091888794	-0.685424025	2.958430008	0.6536272	1.6187839	0.8539995	1.9762551	1.0573713
7125000000	2.042035225	1.256637061	-1.369320012	1.520143667	-0.681567134	1.578624503	0.7295717	1.4191045	0.8547582	1.438343	0.454968
7125000000	2.042035225	1.308996939	-0.974836589	1.507640376	-0.194785624	0.677139362	0.798944	1.4150248	0.9561399	1.1687293	0.3531344
7125000000	2.042035225	1.361356817	-0.996377302	1.557634599	-0.134955401	0.354488202	0.7949911	1.4314081	0.9694032	1.0850477	0.2947003
7125000000	2.042035225	1.413716694	-1.559319287	1.053823438	-0.165039865	0.165039865	0.6983419	1.2746247	0.7696896	1.0387331	-0.244086
7125000000	2.042035225	1.466076572	-2.463868588	-0.023973737	-3.287428768	0.274434287	0.5670393	0.9944951	0.4609091	1.0652309	-1.1127932
7125000000	2.042035225	1.518436449	-3.119161716	-1.027978375	-5.38325175	0.914709888	0.4876226	0.7892274	0.2895175	1.2344429	-1.577629
7125000000	2.042035225	1.570796327	-2.96942675	-1.595484628	-4.626241179	1.567264225	0.5047279	0.6925506	0.3446481	1.4345855	-1.2835234
7125000000	2.042035225	1.623156204	-2.260388898	-2.288383837	-2.321104293	1.611923736	0.5942389	0.5904208	0.5859891	1.4494137	-0.9419568
7125000000	2.042035225	1.675516082	-1.807567272	-3.397876948	-1.6805101827	0.795664029	0.6595432	0.4573117	0.6791252	1.2010647	-1.2536626
7125000000	2.042035225	1.72787596	-2.047494975	-4.200354637	-3.4004008149	-0.898140536	0.6240947	0.3801584	0.4570793	0.8131786	-2.4517195
7125000000	2.042035225	1.780235837	-2.638210039	-4.032044232	-6.642059889	-3.517517036	0.5447271	0.3951806	0.2166676	0.4448845	-3.9754367
7125000000	2.042035225	1.832595715	-2.813873298	-3.870606194	-9.281558637	-7.58833245	0.5231337	0.4101469	0.1179897	0.1742476	-5.1374037
7125000000	2.042035225	1.884955592	-2.493915352	-4.424100946	-10.07251923	-14.1343354	0.5631297	0.3610688	0.098344	0.0385981	-5.7628702
7125000000	2.042035225	1.93731547	-2.473149968	-5.27960289	-7.990783083	-11.30630734	0.5658287	0.2965473	0.158826	0.0740234	-5.6255644
7125000000	2.042035225	1.986975347	-3.412113695	-5.8770809	-5.994256648	-5.860409485	0.455815	0.2583996	0.251521	0.2593935	-5.138781
7125000000	2.042035225	2.042035225	-5.097005284	-6.407734002	-7.137564417	-3.401680275	0.3092427	0.2286792	0.1933052	0.4569114	-5.7219294
7125000000	2.042035225	2.094395102	-6.110360245	-7.22418192	-10.18331908	-3.143616755	0.244886	0.189488	0.0958668	0.4848845	-5.9554032
7125000000	2.042035225	2.146754958	-5.830841652	-8.175460149	-7.999568415	-5.211398538	0.2611655	0.1522138	0.1585051	0.3012036	-6.6100199
7125000000	2.042035225	2.199114888	-5.377329276	-8.73093888	-6.772083352	-10.53494182	0.2899126	0.1339387	0.2102769	0.0884109	-7.4319861
7125000000	2.042035225	2.251474735	-5.125534981	-8.63348093	-9.504436661	-11.76200718	0.3072179	0.1369783	0.1120873	0.0666499	-8.0761839
7125000000	2.042035225	2.303834613	-4.738172014	-8.687676659	-11.98537797	-6.360668099	0.335879	0.1352796	0.063117	0.2311709	-7.1845157
7125000000	2.042035225	2.35619449	-3.387167284	-8.755379508	-8.631573632	-4.249745644	0.3641525	0.1331871	0.1370385	0.3758594	-5.9763652
7125000000	2.042035225	2.408594368	-4.859204585	-7.866206628	-7.380814497	-4.60264031	0.3266477	0.1634479	0.1827757	0.3465261	-5.9371647
7125000000	2.042035225	2.460914245	-6.787966116	-6.98320936	-7.745473868	-7.721515343	0.2095093	0.2002991	0.1680555	0.187434	-5.7701926
7125000000	2.042035225	2.513274123	-9.852721039	-6.469510703	-10.66697091	-11.47655643	0.1034494	0.2254493	0.0857636	0.0711778	-9.156668
7125000000	2.042035225	2.565634	-10.7590909	-6.269829215	-12.48863044	-9.376547831	0.0839636	0.2360571	0.0563815	0.115437	-9.1023679
7125000000	2.042035225	2.61799387	-9.414489197	-6.930395868	-7.133704106	-6.16191016	0.1144329	0.2027498	0.1934771	0.2419964	-7.254633
7125000000	2.042035225	2.670353756	-9.219901413	-8.15600037	-5.121584676	-5.826902974	0.1196768	0.1528974	0.3074975	0.2614025	-6.7701926
7125000000	2.042035225	2.722713633	-10.85658215	-8.339985086	-6.166618372	-8.606337058	0.0820997	0.1465533	0.2417342	0.1378372	-8.1799471
7125000000	2.042035225	2.775073511	-13.78731604	-7.137543514	-8.753067955	-15.89844934	0.0418089	0.1933061	0.133258	0.0257131	-10.064689
7125000000	2.042035225	2.827433388	-15.53042346	-6.481898129	-8.003845293	-24.25057787	0.0279871	0.2248072	0.158349	0.0037599	-9.8411532
7125000000	2.042035225	2.879793266	-15.00220344	-7.554720996	-5.20418568	-18.37495059	0.0316067	0.1756014	0.3017045	0.014538	-8.8318431
7125000000	2.042035225	2.932153143	-14.02792408	-10.06830412	-4.600935608	-14.1741543	0.0395556	0.0984395	0.3466622	0.0382459	-8.8363874
7125000000	2.042035225	2.984513021	-14.15949359	-12.95705918	-6.781594841	-11.66096925	0.0383752	0.0506167	0.2098169	0.0682186	-10.373614
7125000000	2.042035225	3.036872899	-16.40353868	-16.98186096	-11.56448789	-13.05444523	0.02289	0.0200361	0.0700376	0.0494943	-13.913187
7125000000	2.042035225	3.089232776	-19.15865672	-21.33235126	-16.04677329	-19.98142902	0.0121376	0.0073581	0.0248498	0.0100429	-18.665539
7125000000	2.042035225	3.141592654	-19.13629991	-19.9007818	-14.50141605	-19.67110987	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.042035225	3.141592654	-19.13630023	-19.900782	-14.50141615	-19.67111022	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.042035225	3.089232776	-18.96243381	-14.43734867	-14.68655426	-18.35021475	0.0126986	0.0359969	0.0338985	0.014621	-16.1392041
7125000000	2.042035225	3.036872899	-16.50936007	-10.08322769	-14.41041639	-12.20956121	0.022339	0.0980119	0.0362208	0.0601234	-12.660305
7125000000	2.042035225	2.984513021	-14.31395718	-8.49732759	-8.681656143	-7.487919729	0.0370343	0.1413407	0.1354673	0.1783233	-9.0994877
7125000000	2.042035225	2.932153143	-13.57661056	-8.947378313	-7.452292034	-6.760350445	0.0438873	0.1274272	0.1797922	0.2108458	-8.5236039
7125000000	2.042035225	2.879793266	-10.73186928	-10.30901746	-10.82164266	-8.767258845	0.0844915	0.0931319	0.0829346	0.1387951	-10.00703
7125000000	2.042035225	2.827433388	-7.767473893	-10.89553734	-11.10950357	-10.38686635	0.1672063	0.0813666	0.077455	0.0914811	-9.8139411
7125000000	2.042035225	2.775073511	-6.347629584	-9.855192921	-8.802890629	-10.47433707	0.231866	0.1033905	0.131738	0.0896533	-8.5647952
7125000000	2.042035225	2.722713633	-5.582584106	-8.659289446	-9.258001849	-9.344198809	0.2765296	0.1361667	0.1186314	0.1163001	-7.9073446
7125000000	2.042035225	2.670353756	-5.207583799	-7.713271149	-11.16757072	-8.483178727	0.3014683	0.1693062	0.0764263	0.1418019	-7.6383905
7125000000	2.042035225	2.61799387	-5.715210401	-6.487664736	-13.36406866	-7.850285888	0.2682125	0.2245089	0.04628	0.1640482	-5.7057409
7125000000	2.042035225	2.565634	-6.966986533	-5.35787719	-10.48286891	-6.640052105	0.2010487	0.291214	0.0894773	0.2167678	-6.9978077
7125000000	2.042035225	2.513274123	-7.875286442	-5.081171555	-8.645958881	-5.853440538	0.1631065	0.3103722	0.1365842	0.25981	-6.6260415
7125000000	2.042035225	2.460914245	-7.56849463	-5.905614721	-10.12280289	-6.213692375	0.175027	0.2567075	0.097212	0.2391182	-7.1665657
7125000000	2.042035225	2.408594368	-7.482095397	-6.831832106	-11.78536815	-7.634879426	0.1785626	0.2074038	0.0662923	0.17239	-6.0642413
7125000000	2.042035225	2.35619449	-9.059316434	-5.895126236	-10.1960782	-8.188510989	0.1241848	0.2573282	0.0955855	0.1517571	-8.0350908
7125000000	2.042035225	2.303834613	-12.60820913	-4.061639345	-7.803704217	-6.259325139	0.0548503	0.3924968	0.1658172	0.2366287	-6.7274686
7125000000	2.042035225	2.251474735	-15.30892809	-2.790892827	-5.964366521	-4.73092361	0.0294515	0.5259091	0.2532581	0.33644	-5.4323223
7125000000	2.042035225	2.199114888	-14.13543551	-2.248342078	-5.868160819	-4.493329602	0.0385884	0.5958896	0.2589309	0.3553588	-5.0557835
7125000000	2.042035225	2.146754958	-13.94132235	-2.256782275	-7.718956993	-4.630157941	0.0403523	0.5947326	0.1690843	0.3443374	-5.4192648
7125000000	2.042035225	2.094395102	-13.6869649	-2.410152904	-9.75002047	-4.250516187	0.0427859	0.5740962	0.1059429	0.3757927	-5.612205
7125000000	2.042035225	2.042035225	-12.8739076	-2.092964087	-8.36411192	-3.658219471	0.0515952	0.6175947	0.1457434	0.4307032	-5.0666868
7125000000	2.042035225	1.989675347	-12.46971501	-1.350656562	-5.534860304	-3.30373847	0.0566276	0.7327138	0.2795851	0.4673327	-4.1559551
7125000000	2.042035225	1.93731547	-10.79377412	-0.863659293	-5.397880556	-3.451620466	0.0832957	0.1896606	0.4367289	0.4516874	-3.8337788
7125000000	2.042035225	1.884955592	-8.876201936	-0.835435863	-5.50974125	-4.24567017	0.1295328	0.8250047	0.4456674	0.3762123	-3.5251259
7125000000	2.042035225	1.832595715	-7.4469638	-0.734928851	-4.639610737	-4.90107373	0.1800129	0.8443201	0.3435887	0.3235137	-3.0642413
7125000000	2.042035225	1.780235837	-6.069115959	0.047547468	-5.04286732	-3.976356657	0.2472227	1.0110084	0.3544633	0.4002804	-2.9822164
7125000000	2.042035225	1.72787596	-4.743229083	1.078546705	-2.833525139	-2.316820143	0.3354881	1.2819015	0.5207718	0.5816672	-2.6673669
7125000000	2.042035225	1.675516082	-3.686783422	1.531553581	-1.950873504	-1.451563463	0.4278797	1.4228377	0.6381351	0.7158856	-0.9626744
7125000000	2.042035225	1.623156204	-3.033								

7125000000	2.094395102	0.785398163	-4.754501489	0.752370366	-3.25608542	2.620448187	0.3346184	1.1891511	0.4724887	1.8282889	-0.1947997
7125000000	2.094395102	0.837758041	-3.731126021	1.802541541	-1.697705975	3.847528177	0.4235331	1.5144473	0.6764402	2.4252294	1.0034038
7125000000	2.094395102	0.890117919	-3.144404938	2.485388653	-1.648674275	3.98754701	0.4847965	1.7723066	0.6841204	2.5046941	1.3401109
7125000000	2.094395102	0.942477796	-2.601031532	2.776357483	-2.76698279	3.136960858	0.5494104	1.8951158	0.5920115	2.0591884	1.0514608
7125000000	2.094395102	0.994837674	-2.126637085	2.907332997	-1.975055093	2.361556289	0.6128247	1.9531397	0.6345919	1.7224857	0.9017355
7125000000	2.094395102	1.047197551	-1.981012389	3.052617071	-0.663180686	2.733882736	0.633722	2.019583	0.8583846	1.8766716	1.2939671
7125000000	2.094395102	1.099557429	-2.144435801	3.070914042	0.218771098	3.586667016	0.6103183	2.0281079	1.0516642	1.7607038	1.6562482
7125000000	2.094395102	1.151917306	-2.308123035	2.676526602	0.070785146	3.12234054	0.5877433	1.8520498	1.0164324	2.0522679	1.3897285
7125000000	2.094395102	1.204277184	-2.199198881	1.884082818	-0.544904152	1.796706459	0.6026707	1.5431505	0.8820833	1.5124139	0.5502631
7125000000	2.094395102	1.256637061	-1.855456998	1.23158627	-0.67937064	-0.124695801	0.6523104	1.3278794	0.8551906	0.971696	-0.2146684
7125000000	2.094395102	1.308996939	-1.497158949	1.187228331	-0.284584275	-1.403314537	0.7084091	1.3143857	0.9365729	0.7238837	-0.3582868
7125000000	2.094395102	1.361356817	-1.308305056	1.340575009	-0.211776033	-1.509949548	0.739894	1.361625	0.9524066	0.7063258	-0.2684312
7125000000	2.094395102	1.413716694	-1.434010023	1.023357169	-1.207077772	-1.118625942	0.718785	1.2657144	0.7573423	0.7729251	-0.5616348
7125000000	2.094395102	1.466076572	-1.857970573	0.138452134	-3.439638446	-0.377901744	0.651933	1.0323934	0.4529353	0.9166633	-1.1720164
7125000000	2.094395102	1.518436449	-2.229447082	-0.703613538	-5.430811251	0.61858553	0.5984878	0.8504301	0.2863643	1.1530776	-1.4140869
7125000000	2.094395102	1.570796327	-2.116710565	-1.080738002	-4.304102902	1.3386671	0.6142271	0.7796976	0.3711844	1.3610269	-1.0705213
7125000000	2.094395102	1.623156204	-1.656816743	-1.557802771	-2.156963251	1.340545222	0.682839	0.6985858	0.6085604	1.3616156	-0.7680771
7125000000	2.094395102	1.675516082	-1.453198641	-2.768486686	-1.903252787	0.490204852	0.7156162	0.5286294	0.6451708	1.1194907	-1.2565121
7125000000	2.094395102	1.727878596	-1.881649475	-4.533300711	-4.126330249	-1.159004642	0.6483881	0.3521032	0.3866936	0.7657721	-2.6902464
7125000000	2.094395102	1.780235837	-2.733303625	-5.557174771	-7.8896954	-3.609155355	0.5329293	0.781522	0.1625663	0.435966	-4.5307367
7125000000	2.094395102	1.832595715	-3.361489249	-5.630273129	-10.041655	-7.222157559	0.4611594	0.2735097	0.0990454	0.1895764	-5.9206087
7125000000	2.094395102	1.884955592	-3.628719247	-5.826337404	-9.313939393	-12.03526483	0.4336387	0.2614365	0.1171134	0.0625885	-6.6016406
7125000000	2.094395102	1.93731547	-4.219693873	-6.066175759	-6.972445384	-10.907755202	0.3784693	0.2473902	0.2007962	0.0799695	-6.4463226
7125000000	2.094395102	1.989675347	-5.673154096	-5.85280018	-5.692049623	-6.934931813	0.2708224	0.2598484	0.2696467	0.2025387	-6.008216
7125000000	2.094395102	2.042035225	-7.240017452	-5.503825735	-7.382481824	-5.040692925	0.1887984	0.2815901	0.1827056	0.3132786	-6.1691535
7125000000	2.094395102	2.094395102	-6.909949029	-5.703585674	-9.113628455	-5.103446891	0.2037066	0.2689314	0.1226414	0.3087844	-6.4586094
7125000000	2.094395102	2.14675498	-5.548349578	-6.721470794	-6.2774145449	-7.03633158	0.278718	0.2127418	0.2356598	0.197864	-6.3592593
7125000000	2.094395102	2.199114858	-4.658934186	-8.220839186	-5.785622138	-10.29218328	0.3420634	0.1506316	0.263899	0.094396	-6.7259633
7125000000	2.094395102	2.251474735	-4.264421636	-9.173556818	-9.42384702	-10.43208413	0.3745914	0.1209607	0.1141866	0.0905298	-7.5679535
7125000000	2.094395102	2.303834613	-4.126019961	-9.83268289	-11.05572641	-7.775670689	0.3867212	0.1039278	0.0784201	0.166891	-7.3520571
7125000000	2.094395102	2.35619449	-4.437865783	-11.36350089	-7.123203631	-6.324036083	0.3599262	0.073005	0.1939455	0.233129	-6.6753342
7125000000	2.094395102	2.408554368	-5.558802469	-12.58875466	-6.132894719	-6.43706876	0.278048	0.0550966	0.2436186	0.221397	-6.9685637
7125000000	2.094395102	2.460914245	-7.368137187	-11.16491323	-7.214590315	-8.552860001	0.1833101	0.0764731	0.189907	0.1395449	-8.3177141
7125000000	2.094395102	2.513274123	-8.572168657	-8.2049793	-11.60923258	-14.61064396	0.1389259	0.1511827	0.0690362	0.0345888	-10.068576
7125000000	2.094395102	2.565634	-8.078288276	-6.33837154	-11.15035191	-13.81623436	0.1556579	0.23236	0.0767299	0.0415314	-9.8766992
7125000000	2.094395102	2.617993878	-7.499390465	-6.28997497	-5.845344083	-7.387902945	0.1778529	0.2349646	0.282791	0.182477	-9.5922845
7125000000	2.094395102	2.670353756	-8.150371701	-7.335914276	-4.10151833	-5.759428637	0.1530956	0.1846752	0.3889097	0.2654955	-6.0547125
7125000000	2.094395102	2.722713633	-10.36746704	-7.773777071	-5.797417932	-7.773928879	0.0918868	0.1669792	0.2631832	0.166958	-7.6383624
7125000000	2.094395102	2.775073511	-13.33258888	-6.931643245	-9.202611195	-14.36308237	0.0464238	0.2026196	0.1201542	0.0366178	-9.9365448
7125000000	2.094395102	2.827433388	-14.05840597	-6.469937768	-8.11183136	-22.64261574	0.0392789	0.2254272	0.1544603	0.0054417	-9.7407171
7125000000	2.094395102	2.879793266	-13.39399666	-7.599939432	-4.88166036	-16.62044251	0.045772	0.1737825	0.324963	0.0217749	-8.4901921
7125000000	2.094395102	2.932153143	-13.16097884	-9.959578712	-4.265894752	-13.04175226	0.048295	0.1009351	0.3744644	0.049639	-8.6352525
7125000000	2.094395102	2.984513021	-13.88246355	-12.45166098	-6.526948409	-11.0079061	0.0409029	0.0568635	0.2224854	0.0792884	-10.004996
7125000000	2.094395102	3.036872899	-16.490629	-16.1043411	-11.3975447	-12.5982137	0.0224356	0.0245226	0.1702486	0.0549767	-10.646312
7125000000	2.094395102	3.089232776	-19.37392425	-20.542430075	-16.07844803	-19.86217199	0.0115507	0.0088259	0.0246692	0.0103225	-18.587996
7125000000	2.094395102	3.141592654	-19.13630023	-19.900782	-14.50141615	-19.67111022	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.14675498	-3.141592654	-19.1363	-19.90078146	-14.50141605	-19.67110994	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.14675498	-3.089232776	-18.88805712	-14.57253046	-18.43022402	-14.77095654	0.012918	0.0348937	0.0336437	0.0143542	-16.206511
7125000000	2.14675498	-3.036872899	-16.22575879	-10.08091611	-14.47765934	-12.01645744	0.0238465	0.0981541	0.0356643	0.0628571	-12.868081
7125000000	2.14675498	-2.984513021	-14.19994717	-8.375453612	-8.739124887	-7.367021508	0.0380194	0.1453633	0.1336865	0.1833571	-9.0271987
7125000000	2.14675498	-2.932153143	-13.8826609	-8.709208228	-7.629794487	-6.805314731	0.040901	0.1341066	0.1725591	0.2086741	-8.5678324
7125000000	2.14675498	-2.879793266	-10.76060463	-9.959756873	-11.12664457	-8.825124135	0.0839343	0.1009309	0.0771499	0.1310653	-10.075786
7125000000	2.14675498	-2.767433388	-7.467626936	-10.55493122	-11.23808829	-12.7685531	0.1791585	0.0880049	0.0751954	0.0845891	-9.7168516
7125000000	2.14675498	-2.775073511	-5.967704279	-9.672252541	-9.507127395	-10.77623379	0.2530635	0.1078387	0.1237335	0.0836328	-8.4750637
7125000000	2.14675498	-2.722713633	-5.269748239	-8.724341976	-9.567448756	-9.415303507	0.2971838	0.1341423	0.1104727	0.1144115	-7.850169
7125000000	2.14675498	-2.670353756	-4.784488703	-8.170423465	-11.31519989	-8.130361287	0.3323159	0.1523904	0.073872	0.1558027	-7.4934765
7125000000	2.14675498	-2.617993878	-4.77569243	-7.146381484	-13.34906697	-7.103427587	0.3329897	0.1929132	0.046248	0.1948306	-7.1727511
7125000000	2.14675498	-2.565634	-5.437500819	-5.73024458	-3.52755352	-6.03466611	0.2859235	0.2672856	0.0920972	0.2492064	-6.5044723
7125000000	2.14675498	-2.513274123	-6.566671803	-4.863031583	-8.579682174	-5.775274605	0.2204615	0.3263599	0.1386857	0.2645285	-6.2472605
7125000000	2.14675498	-2.460914245	-7.334790602	-5.015099898	-9.799838713	-6.87393934	0.184723	0.3151302	0.1047167	0.2054027	-6.9358967
7125000000	2.14675498	-2.408554368	-7.882409607	-5.833299157	-10.29038436	-8.890248642	0.1628392	0.2610178	0.0935323	0.1291145	-7.9148889
7125000000	2.14675498	-2.35619449	-9.270302814	-6.008055481	-8.644648664	-8.141469952	0.1182959	0.2507232	0.1366266	0.1534098	-7.8313807
7125000000	2.14675498	-2.303834613	-10.8029542	-4.973489924	-6.766367731	-5.158138888	0.0831198	0.318164	0.2105539	0.3049021	-6.3980538
7125000000	2.14675498	-2.251474735	-10.49301183	-3.759754757	-5.352271417	-3.68949658	0.0892686	0.4207504	0.2915891	0.326184	-5.1066511
7125000000	2.14675498	-2.199114858	-9.50953308	-2.988709896	-5.583638475	-3.65714682	0.1119558	0.5024918	0.2764625	0.4308095	-4.8092064
7125000000	2.14675498	-2.14675498	-9.173610686	-2.629691819	-7.582967622	-4.063434203	0.1209592	0.5457966	0.174463	0.3923346	-5.1909206
7125000000	2.14675498	-2.094395102	-8.711775642	-2.32338655	-9.225421479	-3.782977186	0.1343453	0.5857012	0.1195248	0.4185066	-5.0235248
7125000000	2.14675498	-2.042035225	-8.108069174	-1.719937617	-7.						

7125000000	2.14675498	0.366519143	-10.61075709	-4.527826823	-6.859123495	-2.200556941	0.0868809	0.3525472	0.2061046	0.6024823	-5.0584017
7125000000	2.14675498	0.41887902	-9.356616902	-4.611432414	-6.719704682	-1.403937065	0.115968	0.3458253	0.2128284	0.7237795	-4.5642819
7125000000	2.14675498	0.471238898	-7.663844456	-3.652517592	-6.106854816	-0.753851991	0.1712441	0.431269	0.2450838	0.8406492	-3.7462426
7125000000	2.14675498	0.523598776	-6.478140535	-2.049402339	-5.069964647	-0.528450592	0.2250018	0.6238207	0.3111742	0.8854314	-2.9127578
7125000000	2.14675498	0.575958653	-6.061763573	-0.890567613	-4.702767906	-0.209347806	0.2476416	0.8145978	0.3386283	0.9529393	-3.2028915
7125000000	2.14675498	0.628318531	-6.454974873	-0.393696667	-5.17632515	0.251583592	0.2262052	0.9133355	0.2727278	1.05964	-2.0832771
7125000000	2.14675498	0.680678408	-7.291593781	-0.234382843	-6.608231896	0.5525959809	0.1865695	0.9374618	0.2183169	1.3157846	-2.0617858
7125000000	2.14675498	0.733038286	-7.497406111	0.08294855	-5.706689903	1.257347417	0.1779342	1.0192832	0.2687392	1.3357794	-1.5463279
7125000000	2.14675498	0.785398163	-6.630086562	0.760155153	-3.353400302	2.578340225	0.2172658	1.1912846	0.4620191	1.810648	-0.3606852
7125000000	2.14675498	0.853758041	-5.565525476	1.540598448	-1.765212268	3.513624292	0.2776179	1.4258041	0.666007	2.2457533	0.6212905
7125000000	2.14675498	0.890117919	-4.672997259	2.14542347	-1.639789988	3.353066685	0.3409575	1.6388619	0.6855214	2.1642462	0.8185
7125000000	2.14675498	0.942477796	-3.722760499	2.534426853	-2.176456178	2.142289964	0.4243497	1.792432	0.605835	1.6376798	0.4730375
7125000000	2.14675498	0.994837654	-2.701519874	2.811704382	-1.858012192	1.015121014	0.5368439	1.9106029	0.6519267	1.2633163	0.3769435
7125000000	2.14675498	1.047197551	-1.873216399	3.025471839	-0.567109355	1.407898892	0.6496484	2.0069991	0.8775847	1.3828972	0.8965165
7125000000	2.14675498	1.099557429	-1.412503329	3.049510919	0.35198225	2.2140598	0.7223533	2.0181391	1.0844218	1.6649683	1.3750306
7125000000	2.14675498	1.151917306	-1.22714071	2.684722702	0.254511343	2.083992538	0.7538517	1.8555483	1.0603546	1.6158433	1.2103414
7125000000	2.14675498	1.204277184	-1.010789652	1.920010375	-0.399111952	0.86675147	0.7923572	1.5559693	0.9121973	1.2208861	0.4935469
7125000000	2.14675498	1.256637061	-0.593845591	1.116559135	-0.640721725	-0.664394968	0.8721987	1.2931709	0.8628351	0.8581447	-0.1251815
7125000000	2.14675498	1.308996939	-0.111295854	0.740527791	-0.266812444	-1.165041263	0.9749688	1.1859129	0.9404133	0.7647084	-0.148281
7125000000	2.14675498	1.361356817	0.164304918	0.687892855	-0.13293927	-0.744069579	1.0385574	1.1716268	0.9698534	0.8425449	0.0244495
7125000000	2.14675498	1.413716694	0.064836164	0.395154163	-1.10291808	-0.27080334	1.0150411	1.0952554	0.7757257	0.9395495	-0.1936364
7125000000	2.14675498	1.466076572	-0.280615667	-0.334534481	-3.293609648	0.256501326	0.9374291	0.9258626	0.4684239	1.0608406	-0.7153294
7125000000	2.14675498	1.518436449	-0.534114203	-0.963677712	-0.882337912	0.956544374	0.8842775	1.0029995	0.3249123	1.2463914	-0.8929815
7125000000	2.14675498	1.570796327	-0.523941541	-0.103547891	-3.518102922	1.505329643	0.8863512	0.7918542	0.4448255	1.4142721	-0.5338773
7125000000	2.14675498	1.623156204	-0.555185819	-1.028194711	-1.753359596	1.493168866	0.8799975	0.7891881	0.6678271	1.4103175	-0.2833804
7125000000	2.14675498	1.675516082	-1.099149865	-1.734237926	-1.974698114	0.721573765	0.7763991	0.670774	0.634644	1.1807484	-0.8850075
7125000000	2.14675498	1.72787596	-2.296107185	-3.180104796	-0.6746610752	-0.844950004	0.5893717	0.4080277	0.3406739	0.8231993	-2.5926269
7125000000	2.14675498	1.780235837	-3.763702538	-4.469514625	-8.644210364	-3.296824069	0.4203681	0.3573126	1.366403	0.4680773	-6.4142673
7125000000	2.14675498	1.832595715	-4.77197667	-4.83284859	-9.636597371	-7.066149933	0.3332747	0.3282636	1.087277	0.1965102	-6.165668
7125000000	2.14675498	1.884955592	-5.261562651	-4.841046535	-7.869889064	-12.44467232	0.2977445	0.3280162	0.1633094	0.0569551	-6.7467668
7125000000	2.14675498	1.93731547	-5.932912743	-4.877600409	-9.837037188	-11.75366424	0.250099	0.325267	0.2608533	0.066778	-6.4397654
7125000000	2.14675498	1.989675347	-6.830064798	-4.556989233	-5.287530956	-7.705490555	0.2074883	0.3501879	0.2959695	0.1696809	-5.9207596
7125000000	2.14675498	2.042035225	-6.885240718	-3.848798682	-7.274230736	-5.878269255	0.2048688	0.4122115	0.1873169	0.2853289	-5.76368
7125000000	2.14675498	2.094395102	-5.900493306	-3.492553606	-7.668430692	-5.557736352	0.2570104	0.4474501	0.1710633	0.2781162	-5.3998965
7125000000	2.14675498	2.14675498	-5.000855082	-3.988116055	-4.999544975	-5.993405204	0.3161655	0.399198	0.3162609	0.2515704	-4.937674
7125000000	2.14675498	2.199114858	-4.65147351	-5.212696643	-5.244043328	-6.777806627	0.3246215	0.3011136	0.299198	0.21	-5.4024495
7125000000	2.14675498	2.251474735	-4.743064253	-6.349462756	-9.837933312	-7.98210939	0.3355008	0.2317681	0.1038022	0.1591436	-6.8286956
7125000000	2.14675498	2.303834613	-5.182986751	-7.142358732	-9.745401533	-9.785155419	0.3031805	0.1930919	0.1058181	0.1050714	-7.5254149
7125000000	2.14675498	2.35619449	-6.108548968	-8.798177495	-5.540589635	-11.0730695	0.2449882	0.131881	0.2792165	0.0781076	-7.3624963
7125000000	2.14675498	2.408554368	-7.22438086	-12.39189669	-9.636597371	-10.15558981	0.1894794	0.0576515	0.328824	0.0964808	-7.744085
7125000000	2.14675498	2.460914245	-7.502923369	-14.11189838	-6.535911274	-9.638883952	0.1777083	0.0387981	0.2220286	0.1086705	-8.6390961
7125000000	2.14675498	2.513274123	-6.953841396	-8.969599263	-11.8558034	-12.58295047	0.2016582	0.1267769	0.0652258	0.0551708	-9.4397654
7125000000	2.14675498	2.565634	-6.445108981	-6.108002544	-9.384522452	-17.69257296	0.2267196	0.245019	0.1152523	0.0170115	-8.2104075
7125000000	2.14675498	2.617993878	-6.561591134	-5.817329971	-4.399875433	-9.453053126	0.2207196	0.261973	0.3630885	0.1134213	-6.2014688
7125000000	2.14675498	2.67033756	-7.790369167	-6.976597685	-3.645710031	-6.463449172	0.1663271	0.2006043	0.4319455	0.2257642	-5.9148819
7125000000	2.14675498	2.722713633	-10.39796315	-7.765448675	-5.964592761	-7.568429585	0.0912439	0.1672843	0.2532449	0.175048	-7.6521641
7125000000	2.14675498	2.775073511	-12.90479454	-7.182836764	-10.16718526	-12.36305742	0.0512296	0.1913006	0.0962236	0.0580356	-10.035001
7125000000	2.14675498	2.827433388	-12.54610793	-6.804881074	-8.373786485	-16.4808457	0.0556403	0.2086949	0.1454191	0.0224662	-9.6633462
7125000000	2.14675498	2.79793266	-11.99166559	-7.891585519	-4.703566955	-14.47852419	0.0632169	0.1624955	0.338566	0.035675	-8.399553
7125000000	2.14675498	2.932153143	-12.36217133	-9.950635022	-4.067770309	-12.07778905	0.0580474	0.1014432	0.3919491	0.0619757	-8.1451781
7125000000	2.14675498	2.984513021	-13.57140134	-11.97786895	-6.387776639	-10.4604374	0.04394	0.0634181	0.2297324	0.0899407	-9.7160038
7125000000	2.14675498	3.036872899	-16.52897362	-15.31212662	-11.33285561	-12.20397732	0.0222384	0.0294359	0.0735723	0.0602008	-13.38393
7125000000	2.14675498	3.089232776	-19.58925272	-19.82221802	-16.12771366	-19.75188457	0.0109919	0.0104179	0.0243909	0.0105879	-18.50868
7125000000	2.14675498	3.141592654	-19.1363	-19.90078146	-14.50141605	-19.67110994	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.199114858	-3.141592654	-19.13629992	-19.90078141	-14.50141608	-19.67111024	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.199114858	-3.089232776	-18.82545135	-14.74602618	-14.77049494	-18.49761461	0.0131055	0.0335272	0.0333388	0.0141331	-16.284486
7125000000	2.199114858	-3.036872899	-15.94849873	-10.1469939	-14.57544736	-11.85038116	0.0254185	0.096672	0.0348703	0.0653073	-12.551829
7125000000	2.199114858	-2.984513021	-14.01654363	-8.343422227	-8.838378919	-7.284359728	0.0396594	0.1464393	0.1306659	0.1688805	-8.999354
7125000000	2.199114858	-2.932153143	-14.26754139	-8.566156742	-8.11616223	-6.894398948	0.0374322	0.1391183	0.1655154	0.2044373	-8.6446725
7125000000	2.199114858	-2.879793266	-11.30731341	-9.654617646	-11.40421819	-9.093796361	0.0740063	0.1082775	0.0723733	0.1232027	-10.247293
7125000000	2.199114858	-2.827433388	-7.82451664	-10.13526433	-11.63082706	-10.8780336	0.1650245	0.0969334	0.0686938	0.0816952	-9.8679729
7125000000	2.199114858	-2.775073511	-6.354341241	-9.298514472	-9.724851958	-10.75759013	0.2315079	0.11753	0.1065405	0.0839926	-8.700114
7125000000	2.199114858	-2.722713633	-5.852189114	-8.512349769	-10.29304591	-9.7253119103	0.2598849	0.1408527	0.093475	0.1187649	-8.1461549
7125000000	2.199114858	-2.670353756	-5.35119577	-8.430770396	-11.59609566	-9.203654581	0.2916624	0.1435235	0.0692324	0.1695253	-7.7434645
7125000000	2.199114858	-2.617993878	-4.872048584	-8.088844179	-12.80493826	-6.640234042	0.325683	0.15528	0.0524211	0.2167587	-7.2691599
7125000000	2.199114858	-2.565634	-4.950512991	-6.810345964	-9.972791356	-5.945633488	0.3198517	0.2084325	0.1006285	0.2543529	-6.556987
7125000000	2.199114858	-2.513274123	-5.950208322	-5.463163391	-8.421013636	-6.217220548	0.2540851	0.284239	0.1438463	0.238934	-6.3775116
7125000000	2.199114858	-2.460914245	-7.377107883	-4.80516627	-9.314315936	-7.754929131	0				

7125000000	2.199114858	-0.052359878	-5.913008725	-8.020681925	-9.310652109	-7.711101834	0.2562708	0.1577364	0.1172019	0.1693908	-7.5658992
7125000000	2.199114858	-4.44E-16	-6.404297677	-6.929235108	-9.885710087	-7.705971502	0.2288602	0.202804	0.1026666	0.169591	-7.5453561
7125000000	2.199114858	0.052359878	-8.325022539	-5.682177631	-10.54803657	-6.185098821	0.1470611	0.2702603	0.0881447	0.2407078	-7.2921995
7125000000	2.199114858	0.104719755	-11.19587224	-5.450034145	-11.26853341	-4.731728395	0.0759299	0.2850996	0.0746701	0.3363777	-7.1439924
7125000000	2.199114858	0.157079633	-12.45248833	-6.152612602	-12.1139975	-5.111682691	0.0568527	0.2425151	0.0614611	0.3081994	-7.7661555
7125000000	2.199114858	0.20943951	-11.25177263	-6.644737167	-10.91292735	-5.391631106	0.0749588	0.2165341	0.0810415	0.2889594	-7.815342
7125000000	2.199114858	0.261799388	-10.23438468	-5.898687218	-8.606262085	-3.920814794	0.0947461	0.2571131	0.1378395	0.4054325	-6.5017125
7125000000	2.199114858	0.314159265	-10.06572094	-4.838763563	-6.942000915	-2.803359531	0.0984981	0.3281887	0.2022087	0.5244016	-5.4011875
7125000000	2.199114858	0.366519143	-10.02767524	-4.484266052	-6.355061379	-2.214882433	0.0993648	0.3561012	0.2314695	0.6004983	-4.923351
7125000000	2.199114858	0.41887902	-9.273597261	-4.567563544	-6.215250381	-1.422526528	0.1182062	0.3493362	0.2390424	0.7206888	-4.5755296
7125000000	2.199114858	0.471238898	-8.013023791	-3.941575066	-5.656966887	-0.877338245	0.1580147	0.403499	0.2718337	0.817083	-3.8446275
7125000000	2.199114858	0.523598776	-6.812598176	-2.492780076	-4.790579589	-0.848429206	0.2083244	0.563277	0.3318502	0.8225401	-3.1740559
7125000000	2.199114858	0.575958653	-5.969639671	-1.136163858	-4.604323697	-0.672423049	0.2529508	0.7698101	0.346391	0.8565598	-2.5459106
7125000000	2.199114858	0.628318531	-5.638548295	-0.227280972	-5.50442866	-0.143039385	0.272989	0.9490124	0.281551	0.9676004	-2.0916037
7125000000	2.199114858	0.680678408	-5.807123443	0.368920793	-6.379859038	0.358652565	0.2625957	1.0886595	0.2301517	1.0860886	-1.7596299
7125000000	2.199114858	0.730308286	-6.191287943	0.866514643	-5.37635489	1.08884292	0.240365	1.2208195	0.2899789	1.2849443	-1.1974282
7125000000	2.199114858	0.785398163	-6.375574032	1.321124394	-3.06299029	2.156955506	0.2303788	1.3555403	0.4939705	1.6432194	-0.3115424
7125000000	2.199114858	0.837758041	-6.263258939	1.667397706	-1.464590397	2.82960189	0.2364145	1.4680464	0.7137415	1.9184929	-0.3505891
7125000000	2.199114858	0.890117919	-5.873331311	1.905713927	-1.268301729	2.461918028	0.2586228	1.5508557	0.7467407	1.7627504	0.3332056
7125000000	2.199114858	0.942477796	-4.905800715	2.125207684	-1.793026061	1.038736307	0.3231617	1.6312509	0.6617561	1.72702045	-0.1251549
7125000000	2.199114858	0.994837674	-3.362634981	2.388109321	-1.623998919	-0.060812761	0.4610378	1.7330494	0.6880185	0.9860949	-0.1455101
7125000000	2.199114858	1.047197551	-1.857604968	2.657043101	-0.471659851	0.888270684	0.6519879	1.8437597	0.8970859	1.2269506	0.6256168
7125000000	2.199114858	1.099557429	-0.918798606	2.803146138	-0.448611849	2.2015325	0.8093198	1.9084616	1.1088203	1.6601726	1.3712886
7125000000	2.199114858	1.151917306	-0.542871521	2.671205741	0.385977401	2.509086116	0.8824962	1.8497821	1.0929436	1.7820307	1.4668804
7125000000	2.199114858	1.204277184	-0.291886057	2.207039437	-0.30330669	1.919648236	0.9349995	1.6622791	0.932544	1.5558396	-1.4282752
7125000000	2.199114858	1.256637061	0.203053942	1.568833265	-0.602967226	1.237149903	1.0478651	1.4351038	0.8703687	1.3295816	0.6845668
7125000000	2.199114858	1.308996939	0.833444934	1.04606375	-0.183485325	1.58434452	1.2115588	1.2273494	0.9586303	1.3057001	0.7455317
7125000000	2.199114858	1.361356817	1.17669476	0.730848145	0.039682033	1.313912849	1.3112016	1.1832726	1.009179	1.3532913	0.8430315
7125000000	2.199114858	1.413716694	0.973522239	0.345613075	-0.875816322	1.207380919	1.2512734	1.0828326	0.8173694	1.320499	0.4843932
7125000000	2.199114858	1.466076572	0.422337875	-0.348845966	-2.871555513	1.040127647	1.1021324	0.9228166	0.5162314	1.2706115	-0.209308
7125000000	2.199114858	1.518436449	0.000574629	-1.041132098	-3.913480737	1.230911219	1.0001323	0.7868407	0.4061177	1.327673	-0.5542312
7125000000	2.199114858	1.570796327	-0.074380216	-1.186477381	-2.518425681	1.668937721	0.9830192	0.7609432	0.5599606	1.468567	-0.254319
7125000000	2.199114858	1.623156204	-0.172360743	-1.045509412	-1.217704394	1.843770431	0.9610897	0.786048	0.7554915	1.5288928	0.0340904
7125000000	2.199114858	1.675516082	-0.861514192	-1.327037602	-1.892361574	1.374702567	0.8200656	0.7367094	0.6467908	1.372367	-0.4867064
7125000000	2.199114858	1.72787596	-2.277695312	-2.206337235	-4.891388141	0.106109468	0.5918756	0.601681	0.324236	1.0247335	-1.9679457
7125000000	2.199114858	1.780235837	-3.79265343	-3.102139572	-8.481971521	-0.247973128	0.4175752	0.4895376	0.1418431	0.624026	-3.7658676
7125000000	2.199114858	1.832595715	-4.425116043	-3.407878875	-8.425988167	-5.25054979	0.3609884	0.4562597	0.1436816	0.2985005	-5.0188727
7125000000	2.199114858	1.884955592	-4.335009516	-3.49512901	-6.486895827	-9.211875949	0.3685522	0.4471849	0.2245486	0.1198981	-5.3753317
7125000000	2.199114858	1.93731547	-4.384842298	-3.848978922	-4.941182086	-10.02861418	0.3643475	0.4121944	0.3205397	0.0993435	-5.2417465
7125000000	2.199114858	1.989675347	-4.750083155	-4.014197443	-5.075812264	-7.694242543	0.334959	0.3968709	0.3144038	0.1700497	-5.170475
7125000000	2.199114858	2.042035225	-5.047198828	-3.379521806	-7.100135952	-6.287754657	0.3128096	0.4592486	0.1949784	0.2350848	-5.2211168
7125000000	2.199114858	2.094395102	-5.159157047	-2.672234665	-6.49265637	-5.687301765	0.3048487	0.5404761	0.2242505	0.2699416	-5.3753175
7125000000	2.199114858	2.14675498	-5.394039019	-2.756556705	-5.247827861	-5.275515809	0.2887993	0.5300836	0.3760254	0.2967894	-4.2837918
7125000000	2.199114858	2.199114858	2.199114858	-5.950117759	-5.247912078	-5.389403556	0.2540904	0.4273842	0.2990392	0.1871077	-4.3838575
7125000000	2.199114858	2.251474735	-6.774719545	-4.744665892	-10.82600087	-6.814471598	0.2101493	0.3353771	0.0826875	0.2082346	-6.7962707
7125000000	2.199114858	2.303834613	-7.743750789	-5.393045517	-8.126890747	-10.55601867	0.1681221	0.2886653	0.1539256	0.0879829	-7.5674744
7125000000	2.199114858	2.35619449	-8.604842114	-6.462726744	-4.077701352	-17.6221567	0.1378846	0.2258018	0.3910478	0.0172896	-7.1442932
7125000000	2.199114858	2.408554368	-8.257093477	-8.808743006	-3.687799564	-12.6952482	0.1493794	0.1315606	0.4277796	0.053762	-7.1983069
7125000000	2.199114858	2.460914245	-6.845003362	-10.62161258	-5.092120031	-8.55848314	0.2067758	0.086664	0.2554405	0.1393643	-7.9843715
7125000000	2.199114858	2.513274123	-5.953542631	-7.817181329	-11.77052811	-8.813212739	0.2538901	0.1653034	0.0665192	0.1314252	-8.1167773
7125000000	2.199114858	2.565634	-5.922669214	-5.516246661	-8.041492821	-12.21018308	0.2557014	0.2807859	0.1569853	0.0739299	-7.3790353
7125000000	2.199114858	2.617993876	-6.596906522	-5.47685961	-8.314984805	-13.01752565	0.2189321	0.283344	0.4154335	0.0499169	-6.1635226
7125000000	2.199114858	2.670353756	-8.218077915	-6.985845149	-3.696737244	-7.944116836	0.1507274	0.2001776	0.4269001	0.1605419	-6.2696656
7125000000	2.199114858	2.722713633	-10.899677	-8.231242824	-6.69604478	-7.713499325	0.0812891	0.1502712	0.2139634	0.1692973	-8.1331129
7125000000	2.199114858	2.775073511	-12.27024213	-7.82455213	-11.79831435	-10.45504876	0.0592892	0.1650231	0.066095	0.0900524	-10.217513
7125000000	2.199114858	2.827433388	-11.15723899	-7.413982367	-8.780793113	-12.67128299	0.0766083	0.1813852	0.13241	0.0540595	-9.5422443
7125000000	2.199114858	2.879793266	-10.87604078	-8.345553426	-6.473393988	-12.56025991	0.0817327	0.1463675	0.3409264	0.0545493	-8.065379
7125000000	2.199114858	2.932153143	-11.69648764	-9.969467966	-4.006304958	-11.28224579	0.067663	0.1007055	0.3975296	0.0744347	-7.9565422
7125000000	2.199114858	2.984513021	-13.2605641	-11.5262667	-6.363588569	-10.0197753	0.0472002	0.0703677	0.2310155	0.0995457	-9.0565687
7125000000	2.199114858	3.036872899	-16.53061707	-14.60439172	-11.35261035	-11.87606512	0.0222299	0.0346386	0.0732384	0.0649222	-13.119603
7125000000	2.199114858	3.089232776	-19.80526184	-19.16972011	-16.19512761	-19.65910507	0.0104586	0.0121068	0.0240153	0.0108166	-18.431691
7125000000	2.199114858	3.141592654	-19.13629992	-19.90078141	-14.50141608	-19.67111024	0.0122003	0.0102013	0.0354698	0.0107867	-17.6518
7125000000	2.251474735	3.141592654	-19.13630013	-19.90078194	-14.5014161	-19.67111024	0.0122003	0.0102013	0.0354698	0.0107867	-17.651801
7125000000	2.251474735	-3.089232776	-18.77630785	-14.96076537	-14.80444497	-18.55403014	0.0132547	0.0319098	0.0330792	0.0139507	-17.3753554
7125000000	2.251474735	-3.036872899	-15.681132	-10.28618039	-14.75056153	-11.71569992	0.0270325	0.0363229	0.0338449	0.0673601	-12.5598
7125000000	2.251474735	-2.984513021	-13.73708539	-8.409602548	-8.977574845	-7.240572469	0.0422952	0.1442247	0.1265443	0.1887742	-9.0146692
7125000000	2.251474735	-2.932153143	-14.55750799	-8.538912349	-7.986302369	-7.026964045	0.0350146	0.1339998	0.15899	0.1982913	-8.7591197
7125000000	2.251474735	-2.87979									

7125000000	2.251474735	-0.471238898	-2.766375809	-3.710938694	-4.085293604	-8.32766302	0.5288864	0.4255064	0.3903648	0.1469717	-4.2836996
7125000000	2.251474735	-0.41887902	-2.672520917	-4.50683464	-4.963554292	-8.15755388	0.5404405	0.3588655	0.3188927	0.1528427	-4.6500944
7125000000	2.251474735	-0.366519143	-2.776960041	-4.923275305	-6.379451926	-10.02032431	0.5275599	0.321864	0.2301732	0.095331	-5.3048378
7125000000	2.251474735	-0.314519265	-3.655303559	-5.326881098	-7.802750625	-13.94302093	0.4309924	0.2931783	0.1658536	0.0433665	-5.3048056
7125000000	2.251474735	-0.261799388	-5.287833464	-5.408625456	-8.316122988	-11.97851903	0.2959488	0.2878309	0.1473627	0.0603406	-7.0193813
7125000000	2.251474735	-0.20943951	-6.729457013	-5.620769575	-8.975369615	-11.24435174	0.212351	0.2741088	0.1266806	0.075087	-7.6437347
7125000000	2.251474735	-0.157079633	-7.002935795	-6.428490978	-9.64532801	-12.58807166	0.1993914	0.2275888	0.1072869	0.0551052	-8.3617024
7125000000	2.251474735	-0.104719755	-6.408685559	-7.499189774	-9.508474817	-9.619785153	0.2286291	0.1778611	0.1119831	0.1091494	-8.0436133
7125000000	2.251474735	-0.052359878	-5.92228524	-7.868138682	-9.300177647	-7.752810082	0.255724	0.1633752	0.1174849	0.1677718	-7.542678
7125000000	2.251474735	-4.44E-16	-6.404297462	-6.929235114	-9.885710103	-7.705971935	0.2288602	0.202084	0.1026666	0.1699571	-7.5453562
7125000000	2.251474735	0.052359878	-8.243427873	-5.820184757	-10.58974519	-6.15400012	0.1498502	0.2618072	0.0873023	0.2424376	-7.3200906
7125000000	2.251474735	0.104719755	-5.104719755	-5.67065123	-11.30856364	-4.759226633	0.0772329	0.2709785	0.073985	0.3342546	-7.232792
7125000000	2.251474735	0.157079633	-12.83194174	-6.467298101	-12.02629665	-5.241005551	0.0520962	0.2255642	0.0627148	0.2991572	-7.9619743
7125000000	2.251474735	0.20943951	-11.75165804	-7.10001012	-10.69036414	-5.466925709	0.0668089	0.194984	0.0853029	0.2839929	-8.0196965
7125000000	2.251474735	0.261799388	-10.36512852	-6.351253577	-8.269283821	-3.8916009	0.0919363	0.2316726	0.1489607	0.4081689	-6.5721302
7125000000	2.251474735	0.314159265	-9.722414415	-5.071666749	-6.543425635	-2.796090387	0.1066003	0.3110522	0.2216447	0.5252804	-7.1418675
7125000000	2.251474735	0.366519143	-9.489927759	-4.445476256	-5.927969485	-2.257705667	0.1124624	0.3529296	0.2553895	0.5946062	-4.8090934
7125000000	2.251474735	0.41887902	-9.144364244	-4.434395673	-5.727190194	-1.555216019	0.1217765	0.3602139	0.2674736	0.699002	-4.4115169
7125000000	2.251474735	0.471238898	-8.500223159	-4.092799514	-5.106707697	-1.145497207	0.1412465	0.3896907	0.3085526	0.7681575	-3.9586921
7125000000	2.251474735	0.523598776	-7.590986469	-2.891494468	-4.318964535	-1.195548992	0.1741411	0.5138668	0.3699164	0.7593554	-3.4263821
7125000000	2.251474735	0.575958653	-6.555016292	-1.403494961	-4.255642753	-0.927476387	0.221054	0.7238532	0.3753494	0.8077042	-2.7409636
7125000000	2.251474735	0.628318531	-5.604878675	-0.101668952	-5.110004402	-0.256270844	0.2751136	0.9768618	0.3083185	0.9426987	-2.0360043
7125000000	2.251474735	0.680678408	-4.911299383	0.951253753	-5.766827675	-0.223377708	0.3227528	1.2448739	0.2650408	1.0677135	-1.4184675
7125000000	2.251474735	0.730388286	-4.531881618	1.770017399	-4.704563173	0.684281143	0.3522182	1.503148	0.3384883	1.1706528	-0.7513851
7125000000	2.251474735	0.785398163	-4.406486045	2.282512919	-2.501104938	1.480418551	0.3625362	1.6914193	0.5621983	1.406183	0.0241845
7125000000	2.251474735	0.83758041	-4.436003862	2.430825324	-0.934097395	2.123192681	0.3600805	1.7501793	0.8064738	1.6304942	0.5568672
7125000000	2.251474735	0.89017919	-4.440409249	2.327838061	-0.716211895	1.921540108	0.3597154	1.7091643	0.8479667	1.5651725	0.4857424
7125000000	2.251474735	0.942477796	-4.023748335	2.216722628	-1.327934155	0.833376864	0.3959362	1.6659895	0.7365574	1.2115398	0.0108686
7125000000	2.251474735	0.994837674	-2.938625953	2.256711152	-1.431373726	0.281464986	0.5083202	1.6814003	0.7192214	1.066956	-0.0262476
7125000000	2.251474735	1.047197551	-1.661496305	2.413054883	-0.480288891	1.613966622	0.6821036	1.7430325	0.8953052	1.4500957	0.7650728
7125000000	2.251474735	1.095574229	-0.866737243	2.545702921	0.442215035	3.108543022	0.8190799	1.7970919	1.1071883	2.0457582	0.1590496
7125000000	2.251474735	1.151917306	-0.681520794	2.527044009	0.429198468	3.641503749	0.8547673	1.7893877	1.1038749	2.318655	1.804768
7125000000	2.251474735	1.204277184	-0.646468953	2.310547694	-0.264790577	3.700018133	0.8616941	1.7023732	0.9408512	2.1727201	1.5210637
7125000000	2.251474735	1.256637061	-0.226221786	1.964276677	-0.565813885	2.939762593	0.9492439	1.57191	0.8778466	1.9677787	1.2765373
7125000000	2.251474735	1.308996939	0.510111585	1.615512755	-0.061278873	2.806167663	1.1246339	1.450612	0.9585989	1.9081687	1.3587999
7125000000	2.251474735	1.361356817	0.971479638	1.294405167	0.253919367	2.663995321	1.2506851	1.3472264	1.0602101	1.8467135	1.3868432
7125000000	2.251474735	1.4137116694	0.748610826	0.850771457	-0.573635641	2.103018038	1.1881221	1.2164021	0.876267	1.6229375	0.8846644
7125000000	2.251474735	1.466076572	0.013906274	0.140802907	-2.267535054	1.337235054	1.0032072	1.0329524	0.5932605	1.3605782	-0.1008729
7125000000	2.251474735	1.518436449	-0.584204986	-0.638147269	-2.839764457	1.071409885	0.874137	0.8633468	0.5200242	1.2797967	-0.5338752
7125000000	2.251474735	1.570796325	-0.580794056	-1.017850237	-1.573983202	1.484859024	0.8748238	0.7910701	0.6959879	1.4076215	-0.2577586
7125000000	2.251474735	1.623156204	-0.34913616	-0.998723786	-0.709182885	1.894376788	0.922755	0.7945617	0.8493403	1.5468125	0.1214828
7125000000	2.251474735	1.675516082	-0.608881486	-1.128039864	-1.745155257	1.670644153	0.8691843	0.7712515	0.6690899	1.9461442	-0.2742104
7125000000	2.251474735	1.72787596	-1.540133543	-1.678431601	-4.818461144	0.570257433	0.7014337	0.679449	0.3297265	1.1403174	-1.4707396
7125000000	2.251474735	1.782058337	-2.513713726	-2.283070373	-7.789976131	-1.425689742	0.5605684	0.5911436	0.1663422	0.7201634	-0.9280946
7125000000	2.251474735	1.832595715	-2.766944705	-2.495468076	-7.34470468	-4.190631021	0.5288171	0.5629284	0.1843018	0.3810105	-0.8272233
7125000000	2.251474735	1.884955592	-2.604553504	-2.646519353	-5.621937577	-6.952428997	0.548965	0.5436859	0.2740329	0.2017238	-0.4660172
7125000000	2.251474735	1.93731547	-2.782241898	-3.290111165	-4.496599836	-7.686995966	0.5269578	0.4688014	0.3550913	0.1703336	-4.1987822
7125000000	2.251474735	1.98675347	-3.540753961	-4.118208139	-5.062149387	-6.895980334	0.4425115	0.3874175	0.3117346	0.2043629	-4.7300638
7125000000	2.251474735	2.002035225	-4.60939306	-3.934983167	-7.012517418	-6.51101394	0.3459877	0.4041119	0.198952	0.2233051	-5.3300021
7125000000	2.251474735	2.094395102	-5.632316204	-3.033442274	-5.70419103	-6.273449595	0.273381	0.4973427	0.2688939	0.2358604	-4.9638701
7125000000	2.251474735	2.14675498	-6.584695376	-2.783051031	-3.999726749	-5.628200251	0.2195485	0.5268596	0.3981322	0.3726402	-4.9302846
7125000000	2.251474735	2.199114858	-7.655354628	-3.562424576	-5.852109263	-5.366364914	0.1715792	0.440309	0.2598997	0.2906454	-5.3669569
7125000000	2.251474735	2.251474735	-8.817740197	-4.721077328	-12.20229611	-6.238219202	0.1312883	0.3372037	0.0602253	0.2377815	-7.1754853
7125000000	2.251474735	2.303834613	-9.587718498	-5.419112506	-6.536419825	-8.278302809	0.1099583	0.2871367	0.2200026	0.1486516	-7.1684057
7125000000	2.251474735	2.35619449	-9.327830388	-6.132202209	-2.957242526	-10.307277797	0.1167393	0.2436575	0.5061459	0.0931692	-6.1991913
7125000000	2.251474735	2.408554368	-7.896790098	-7.639702653	-2.92256919	-9.056259641	0.1623009	0.1721986	0.5102031	0.1242722	-6.1574748
7125000000	2.251474735	2.460914245	-6.451467045	-8.62231551	-5.661120034	-6.63200277	0.2263879	0.137331	0.2715739	0.2171699	-6.7138459
7125000000	2.251474735	2.513274123	-5.978872219	-6.734800308	-11.95706627	-6.632021935	0.2524136	0.2102899	0.0637226	0.2176195	-7.2941107
7125000000	2.251474735	2.565634	-6.444069753	-5.089976885	-7.150776885	-11.2248704	0.2267739	0.309744	0.192718	0.075466	-6.9642497
7125000000	2.251474735	2.617993878	-7.512323102	-5.409044105	-3.601539675	-20.40873746	0.1773241	0.2878032	0.4363611	0.0091018	-6.4273705
7125000000	2.251474735	2.670353756	-9.301725698	-7.333254686	-4.165282323	-9.814767881	0.1174431	0.1847883	0.3832408	0.1043574	-7.0452657
7125000000	2.251474735	2.722713633	-11.45101656	-9.070879356	-7.993237535	-7.809681933	0.0715976	0.1238546	0.1587363	0.1655891	-8.8624245
7125000000	2.251474735	2.775073511	-11.30008329	-8.737107623	-14.28024874	-8.869611437	0.0741296	0.1337486	0.0373229	0.1297295	-10.281091
7125000000	2.251474735	2.827433388	-9.996154726	-8.173005132	-9.301805133	-10.26968786	0.1000886	0.1522999	0.1174408	0.0939791	-9.3572142
7125000000	2.251474735	2.879793266	-10.0662101	-8.838513608	-4.791858084	-11.07167762	0.098487	0.1306618	0.3317525	0.0781326	-7.8653609
7125000000	2.251474735	2.932153143	-11.19201537	-9.945337026	-4.081625019	-10.66171579	0.0759974	0.1012666	0.3906946	0.0858674	-7.9659717
7125000000	2.251474735	2.984513021	-12.97491122	-11.09451521	-6.454637314	-9.68463417	0.0504091	0.0777228	0.2262227	0.1075317	-9.3755485
7125000000	2.251474735										

7125000000	2.303834613	-0.890117919	1.813175977	-0.127952638	-2.676889185	-2.931985292	1.5181602	0.9709676	0.5398972	0.5090981	-0.5328705
7125000000	2.303834613	-0.837758041	2.124560893	-0.397083239	-3.337454392	-2.457672475	1.631008	0.9126236	0.4637186	0.5678489	-0.4875976
7125000000	2.303834613	-0.785398163	2.041061052	-0.683387361	-4.878797361	-3.065664666	1.5999489	0.8543309	0.3251773	0.4936664	-0.8709796
7125000000	2.303834613	-0.733038286	1.610124309	-0.630384069	-5.320175645	-4.456584288	1.4488133	0.8648914	0.2937531	0.3583782	-1.2991286
7125000000	2.303834613	-0.680678408	0.900473378	-0.267402893	-9.044785605	-5.034451457	1.2304029	0.9402854	0.4032009	0.3137291	-1.4152021
7125000000	2.303834613	-0.628318531	-0.0075148539	-0.061032481	-2.824328759	-4.525496242	0.9828453	0.9860405	0.5218758	0.3527365	-1.4820631
7125000000	2.303834613	-0.575958653	-1.208097179	-0.47614462	-2.925466182	-4.993573856	0.7571646	0.89616	0.5098652	0.316696	-1.0726831
7125000000	2.303834613	-0.523598776	-2.151603618	-1.601784234	-3.716600894	-7.0463183	0.6093119	0.6915468	0.424952	0.1974096	-3.1803097
7125000000	2.303834613	-0.471238898	-2.595926542	-2.911181645	-4.529711367	-8.3719212	0.5500566	0.5115426	0.3523938	0.1454815	-4.090817
7125000000	2.303834613	-0.41887902	-2.673768905	-3.733557455	-5.458891204	-8.049425066	0.5402852	0.4232961	0.2845187	0.1566958	-4.5446675
7125000000	2.303834613	-0.366519143	-2.924824536	-4.252731674	-6.950144663	-9.673848353	0.5099382	0.3756011	0.2018299	0.1077991	-5.2463093
7125000000	2.303834613	-0.314159265	-3.909140897	-4.684440057	-8.31215563	-13.30825685	0.4065237	0.3400603	0.1474974	0.0466847	-6.2857828
7125000000	2.303834613	-0.261799388	-5.595911768	-4.930969981	-8.575201184	-11.8068019	0.2756823	0.3212943	0.1388289	0.0659659	-6.9800943
7125000000	2.303834613	-0.20943951	-6.914108593	-5.379694061	-9.040372814	-11.04617	0.2035116	0.2897548	0.1247276	0.0785928	-7.5908472
7125000000	2.303834613	-0.157079633	-6.981997433	-6.310252117	-9.662528749	-12.37610913	0.200355	0.2338701	0.1080804	0.0578614	-8.2378785
7125000000	2.303834613	-0.104719755	-6.363115952	-7.352182445	-9.488528799	-9.654052005	0.2310407	0.1839847	0.1124986	0.1082916	-7.9872882
7125000000	2.303834613	-0.052359878	-5.930803847	-7.717531128	-9.291990643	-7.792685628	0.2552229	0.1691402	0.1177066	0.1662384	-7.5183774
7125000000	2.303834613	-4.44E-16	-6.404297388	-6.92923482	-9.885709397	-7.705971798	0.2288602	0.202804	0.1026666	0.169591	-7.545356
7125000000	2.303834613	0.052359878	-8.149197541	-5.96805959	-10.63090062	-6.129805547	0.153137	0.2530428	0.0864789	0.243792	-7.349163
7125000000	2.303834613	0.104719755	-10.96250396	-5.921164283	-11.35422764	-4.794048492	0.0801216	0.25579	0.0732112	0.3315852	-7.3241298
7125000000	2.303834613	0.157079633	-13.05360294	-6.847114123	-11.97967814	-5.377645647	0.0495039	0.2066753	0.0633917	0.2898915	-8.1711309
7125000000	2.303834613	0.20943951	-12.22786014	-7.667221249	-10.55050454	-5.568590913	0.0598707	0.171111	0.0880947	0.277422	-8.2645079
7125000000	2.303834613	0.261799388	-10.52807484	-6.916848433	-8.034173386	-3.889555763	0.0885508	0.2033832	0.1572471	0.4083612	-6.6880444
7125000000	2.303834613	0.314159265	-9.44893793	-5.379763873	-6.260422214	-2.795470514	0.1135288	0.2897501	0.236569	0.5253551	-5.3565841
7125000000	2.303834613	0.366519143	-8.989541836	-4.449649649	-5.621312344	-2.327852971	0.1261961	0.3589509	0.2740746	0.5807093	-4.7563533
7125000000	2.303834613	0.41887902	-8.897917672	-4.271878903	-5.332297045	-3.789763622	0.1288867	0.3739488	0.2929343	0.6639867	-4.3777956
7125000000	2.303834613	0.471238898	-8.933786344	-4.114091455	-4.881927501	-1.517588327	0.1278266	0.3877849	0.3481827	0.7050845	-4.0647061
7125000000	2.303834613	0.523598776	-8.747709481	-3.225959709	-3.789712978	-1.526964453	0.1334225	0.4757776	0.417858	0.7305369	-3.6385771
7125000000	2.303834613	0.575958653	-8.025708191	-1.762625521	-3.787471241	-0.993881349	0.1575539	0.6664038	0.4194236	0.7954481	-3.926791
7125000000	2.303834613	0.628318531	-6.770349229	-0.229113411	-4.543622956	-0.206351723	0.2103609	0.9486121	0.3512673	0.9536048	-2.1044659
7125000000	2.303834613	0.680678408	-5.327518035	1.144289625	-5.023872659	0.058189596	0.2932569	1.3014544	0.3144943	0.1013488	-1.3627659
7125000000	2.303834613	0.733038286	-4.103190473	2.258046133	-3.969234054	0.111952581	0.3887594	1.6891972	0.4009374	0.1026132	-0.5827405
7125000000	2.303834613	0.785398163	-3.270132231	2.972644328	-1.904924578	0.808051282	0.470963	1.9827339	0.6449225	0.1264022	0.3173553
7125000000	2.303834613	0.837758041	-2.775097489	3.199736319	-0.402215096	1.821186826	0.5278254	2.0891693	0.9115458	1.5209631	1.0118869
7125000000	2.303834613	0.890117919	-2.470111475	3.055840193	-0.221831205	2.184601514	0.5662248	2.0210824	0.9502041	1.6537163	1.1321007
7125000000	2.303834613	0.942477796	-2.17320721	2.829923347	-1.000150259	1.674546914	0.6062884	1.9186349	0.7943008	1.470465	1.0824733
7125000000	2.303834613	0.994837674	-1.731646595	2.743949911	-1.439574616	1.276650399	0.6711743	1.8810268	0.7178646	1.3417297	0.6181005
7125000000	2.303834613	1.047197551	-1.243684288	2.771423323	-0.683676853	2.199253086	0.7509855	1.8929639	0.8543431	1.6593051	1.1038716
7125000000	2.303834613	1.095574326	-1.054519835	2.740971498	0.290398296	3.45395907	0.7844188	1.8797373	1.0691529	2.2151115	1.7234167
7125000000	2.303834613	1.151971740	-1.301571741	2.568330751	3.953064231	3.953064231	0.741042	1.8064797	1.0885383	2.4848857	1.8475854
7125000000	2.303834613	1.204277184	-1.600739218	2.329052123	-0.285000083	3.721637828	0.6917132	1.7096421	0.9364832	2.3539376	1.533044
7125000000	2.303834613	1.256637061	-1.365692235	2.133548204	-0.386090196	3.351173018	0.7301814	1.6343867	0.8833627	2.1630292	1.3123629
7125000000	2.303834613	1.309696939	-0.647443365	1.980280169	0.066300902	3.267320797	0.8615008	1.577713	1.0153835	2.121935	1.4430423
7125000000	2.303834613	1.361356817	-0.134572613	1.722189085	0.465089147	3.118644037	0.9694887	1.4866848	1.1130352	2.050522	1.4765552
7125000000	2.303834613	1.413716694	-0.311993093	1.190847761	-0.254629805	2.420514453	0.9306807	1.3154816	0.9430552	1.7462029	0.9124885
7125000000	2.303834613	1.466076572	-1.015234925	0.385214251	-1.644841894	1.348854647	0.7915466	1.0927515	0.6847244	1.3642231	0.3070889
7125000000	2.303834613	1.518436449	-1.509146047	-0.426644309	-1.939201477	0.802636173	0.7064565	0.9064327	0.6398525	1.2029944	-0.6351943
7125000000	2.303834613	1.570796327	-1.286428271	-0.876992728	-0.880555524	1.206158123	0.7346305	0.817148	0.8164779	1.3201273	-0.3416547
7125000000	2.303834613	1.623156204	-0.805355217	-0.961836641	-0.380448062	1.722559581	0.8307388	0.8013391	0.916126	1.1486817	-0.3078522
7125000000	2.303834613	1.675516082	-0.79014804	-1.101652199	-1.677539645	1.550545368	0.8336528	0.7795919	0.6795885	1.4290734	-0.3171947
7125000000	2.303834613	1.72787596	-1.38405516	-1.554688378	-0.452696252	0.452696252	0.7271006	0.6990883	0.3392895	1.109862	-0.4337094
7125000000	2.303834613	1.780235837	-2.065729992	-2.023746747	-7.196013387	-1.419474757	0.6214798	0.6275168	0.1907211	0.7211947	-2.6742285
7125000000	2.303834613	1.832595715	-2.308145517	-2.100107152	-6.789507297	-3.540479207	0.5877403	0.6165798	0.209435	0.4425395	-3.3475109
7125000000	2.303834613	1.884955592	-2.354456227	-2.073541672	-5.356839222	-4.916992448	0.5815062	0.6203629	0.2912836	0.32223	-3.4306785
7125000000	2.303834613	1.93731547	-2.784040339	-2.555428354	-5.48163638	-5.0567253	0.5267396	0.5552099	0.3509002	0.3121242	-3.6027106
7125000000	2.303834613	1.989675347	-3.811762007	-3.528483775	-4.542268931	-4.923406655	0.4515749	0.4437635	0.2856098	0.3218453	-4.3563889
7125000000	2.303834613	2.042053225	-5.136102217	-3.820212299	-6.974845584	-5.224628531	0.3064713	0.4149338	0.2006852	0.3002874	-5.1485457
7125000000	2.303834613	2.094395102	-6.214882418	-2.989882264	-5.217084492	-5.464559561	0.2396027	0.5023446	0.3008095	0.2841476	-4.7939713
7125000000	2.303834613	2.146759498	-6.855658514	-2.481383974	-4.170645529	-5.146938391	0.2062691	0.564757	0.3827678	0.3057075	-4.785546
7125000000	2.303834613	2.199114858	-7.379938818	-3.055057999	-7.04811449	-4.933832405	0.1828126	0.4948735	0.1973279	0.3210826	-5.2429373
7125000000	2.303834613	2.251474735	-8.070550552	-4.370566256	-12.85859332	-5.20191643	0.1557738	0.3655471	0.0517774	0.3018619	-6.6007165
7125000000	2.303834613	2.303834613	-8.713180632	-5.54366732	-5.220578603	-5.603578987	0.1344875	0.2790187	0.3005677	0.275196	-6.0674515
7125000000	2.303834613	2.35619449	-8.749986661	-6.453473079	-2.286529577	-5.980755683	0.1335526	0.2262834	0.5906729	0.2523047	-5.2193409
7125000000	2.303834613	2.408554368	-8.021309274	-7.749737372	-2.65613942	-6.01404782	0.1577136	0.1678906	0.5424829	0.2505874	-5.5336528
7125000000	2.303834613	2.460914245	-7.226546452	-8.38149325	-5.923853294	-5.367224738	0.1893849	0.1451612	0.2556317	0.2905879	-6.5719959
7125000000	2.303834613	2.513274123	-7.148788708	-6.624293212	-1.621199003	-5.753361625	0.1928063	0.2175558	0.0546765	0.2658666	-6.7819892
7125000000	2.303834613	2.565634	-7.842978079	-5.228059932	-6.532498541	-9.64742528	0.1643245	0.3000503	0.2222031	0.108457	-7.0167385
7125000000	2.303834613	2.61									

7125000000	2.35619449	-1.308996939	0.115596123	1.560351204	-0.879369799	-1.530937809	1.0269744	1.4323037	0.8167009	0.7029205	-0.0229702
7125000000	2.35619449	-1.256637061	0.031813698	1.041393602	-1.109208435	-1.648461591	1.0073523	1.2711409	0.774603	0.684154	-0.2950783
7125000000	2.35619449	-1.204277184	0.35230095	1.061320195	-0.367059155	-1.111904473	1.0845013	1.2768269	0.9189547	0.7741223	0.0586715
7125000000	2.35619449	-1.151917306	0.680394369	1.155519455	-0.172760823	-0.510015353	1.1696056	1.304824	1.0405815	0.889198	0.4180793
7125000000	2.35619449	-1.099557429	0.613950118	0.709480062	-0.718462231	-0.68112793	1.1518476	1.177465	0.8475275	0.854487	0.0342651
7125000000	2.35619449	-1.047197551	0.226036606	-0.294665272	-2.85549116	-1.848929981	1.0534251	0.9340414	0.5181445	0.6532915	-1.0274478
7125000000	2.35619449	-0.994837674	0.058058007	-1.223812595	-4.39536202	-3.353535826	1.0134581	0.7544296	0.3681683	0.6420047	-1.8741069
7125000000	2.35619449	-0.942477796	0.508368697	-1.569449428	-3.856063832	-3.777156727	1.1241826	0.6967148	0.4115225	0.4190678	-1.7857035
7125000000	2.35619449	-0.890177919	1.265115095	-1.635977358	-3.199427267	-3.024260249	1.3381707	0.6861235	0.4786932	0.4983953	-1.2473862
7125000000	2.35619449	-0.837758041	1.796896133	-1.775521662	-3.877261662	-2.483052068	1.5124799	0.6644279	0.4095174	0.5645401	-1.0361637
7125000000	2.35619449	-0.785398163	1.851984614	-1.771325341	-5.335011874	-3.004964585	1.5317873	0.6650702	0.2927513	0.5006146	-1.2635636
7125000000	2.35619449	-0.733038286	1.453074675	-1.248066345	-5.574013929	-4.411962229	1.3973573	0.7502282	0.2770758	0.3620794	-1.5696344
7125000000	2.35619449	-0.680678408	0.727022308	-0.410424993	-4.121584585	-4.982307345	1.1822307	0.9098242	0.3871164	0.3175187	-1.5541567
7125000000	2.35619449	-0.628318531	-0.232101707	0.124918976	-3.073905598	-4.461528396	0.9479596	1.0291813	0.4927305	0.3579704	-1.5060487
7125000000	2.35619449	-0.575958653	-1.29375379	-0.092613608	-3.261561547	-5.062435852	0.7423772	0.9789007	0.4718933	0.3117141	-0.0327215
7125000000	2.35619449	-0.523598776	-2.162925399	-1.075765109	-4.108831841	-7.331873445	0.6077255	0.7805909	0.3882548	0.1848771	-3.0948977
7125000000	2.35619449	-0.471238898	-2.6066298	-2.26821502	-4.965697112	-8.591136026	0.5487026	0.5931691	0.3187354	0.1383205	-3.9823121
7125000000	2.35619449	-0.41887902	-2.768392851	-3.053688491	-5.953370416	-7.992278308	0.5286408	0.4950296	0.2539002	0.1587714	-4.4480215
7125000000	2.35619449	-0.366519143	-3.123939165	-3.591712216	-7.504177992	-9.355556283	0.4870865	0.4373496	0.1776569	0.1159964	-5.1638801
7125000000	2.35619449	-0.314159265	-4.180141452	-4.08456644	-8.744346131	-12.65657994	0.3819318	0.3903402	0.1335259	0.0542248	-6.1972966
7125000000	2.35619449	-0.261799388	-5.845983644	-4.517031359	-8.737832757	-11.57309147	0.2602565	0.3534247	0.1337263	0.0696131	-6.8982701
7125000000	2.35619449	-0.20943951	-6.979668297	-5.189818573	-9.038836408	-10.83836408	0.2004625	0.302704	0.1247722	0.0824497	-7.5056711
7125000000	2.35619449	-0.157079633	-6.895565402	-6.217335783	-9.609062794	-12.11290831	0.2043824	0.2389277	0.1094193	0.0614765	-8.1374608
7125000000	2.35619449	-0.104719755	-6.304609837	-7.210737467	-9.47057226	-9.654636949	0.2341742	0.1900755	0.1129647	0.108277	-9.2169493
7125000000	2.35619449	-0.052359878	-5.938916723	-7.569078795	-9.286477706	-7.830457271	0.2547466	0.1750218	0.1178561	0.1647989	-7.4932189
7125000000	2.35619449	-4.44E-16	-6.404297673	-6.929234904	-9.88571022	-7.705971542	0.2288602	0.202804	0.1026666	0.169591	-7.5453561
7125000000	2.35619449	0.052359878	-8.043183402	-6.125729868	-10.67114465	-6.112291244	0.1569212	0.2442009	0.0856812	0.2447772	-7.3794784
7125000000	2.35619449	0.104719755	-10.71719444	-6.201885479	-11.40645638	-4.834683334	0.0847775	0.2397792	0.072336	0.3284972	-7.4148853
7125000000	2.35619449	0.157079633	-13.02539692	-7.292018185	-11.97504538	-5.519717176	0.0498265	0.1865513	0.0634593	0.2805616	-8.3833355
7125000000	2.35619449	0.20943951	-12.55132053	-8.346336133	-10.49070137	-5.702734062	0.0555735	0.1463411	0.0893161	0.2689841	-8.5370536
7125000000	2.35619449	0.261799388	-10.65182226	-7.587856386	-7.903093369	-3.924065593	0.0860633	0.1742667	0.1620655	0.0541291	-6.8427909
7125000000	2.35619449	0.314159265	-9.214581913	-5.751563098	-6.104504171	-2.81149687	0.1198234	0.2659768	0.2452144	0.52342	-5.3969065
7125000000	2.35619449	0.366519143	-8.529958478	-4.490851287	-5.460443326	-2.419086882	0.1402827	0.3555616	0.2844171	0.5729165	-4.707051
7125000000	2.35619449	0.41887902	-8.510614012	-4.075587143	-5.082793012	-2.051577821	0.140909	0.3912382	0.3102564	0.6235083	-4.3595214
7125000000	2.35619449	0.471238898	-9.000259868	-3.94719963	-4.177882521	-1.936113194	0.125885	0.4029768	0.3821353	0.6403076	-4.1136287
7125000000	2.35619449	0.523598776	-9.675110005	-3.357781512	-3.325959742	-1.826199404	0.1077678	0.4615533	0.4649476	0.6567197	-3.7319940
7125000000	2.35619449	0.575958653	-9.992681221	-2.139427851	-3.303192511	-0.9835550456	0.1001687	0.6110225	0.4673914	0.7973417	-3.062897
7125000000	2.35619449	0.628318531	-9.204687997	-0.664222675	-4.009780907	-1.37008024	0.1200967	0.8581787	0.39721	0.9688121	-2.3204711
7125000000	2.35619449	0.680678408	-7.266600642	0.786653816	-4.182214413	-0.147082036	0.1876463	1.1985755	0.3615579	0.9667002	-3.8837338
7125000000	2.35619449	0.733038286	-5.184858877	2.055939144	-4.327024965	-0.476833551	0.3030499	1.6054394	0.4542527	0.8960178	-0.8900765
7125000000	2.35619449	0.785398163	-3.578853904	2.939117013	-1.488743469	0.361643851	0.4386464	1.9674862	0.7097831	1.0868369	0.2147384
7125000000	2.35619449	0.837758041	-2.478522094	3.29708583	-0.060130657	1.961342971	0.5651293	2.136528	0.9862498	1.5708485	-1.8427299
7125000000	2.35619449	0.890117919	-1.769236013	3.230206248	0.05405415	2.858671829	0.6653902	2.1038784	1.0093817	1.9313776	1.5457823
7125000000	2.35619449	0.942477796	-1.370403564	3.040444087	-0.949027775	2.645339851	0.7293897	2.0139302	0.803706	1.8387978	1.2919215
7125000000	2.35619449	0.994837674	-1.208076148	2.969647573	-1.734059754	1.927488083	0.7571682	1.9813662	0.6708015	1.5586507	0.9412043
7125000000	2.35619449	1.047197551	-1.236065495	2.975602955	-1.102060615	2.016488051	0.7523041	1.9788886	0.7758886	1.5990219	0.0578258
7125000000	2.35619449	1.099557429	-1.483664934	2.847689126	0.004247884	2.833197158	0.7106136	1.9264996	1.0009786	1.9200817	1.428721
7125000000	2.35619449	1.151917306	-1.919559424	2.528750375	0.207557301	3.233848036	0.6427529	1.7900907	1.0489523	2.1056433	1.4515282
7125000000	2.35619449	1.204277184	-2.251770516	2.222820017	-0.380175835	3.03536962	0.5954194	1.6683302	0.9161834	2.0115784	1.1323881
7125000000	2.35619449	1.256637061	-2.211820609	2.131436405	-0.555380097	2.874161414	0.6135048	1.6335922	0.8799581	1.9382783	1.0254804
7125000000	2.35619449	1.308996939	-1.626474963	2.160122398	-0.163071458	3.146161414	0.6876263	1.6444181	1.0382624	2.0637355	1.3060303
7125000000	2.35619449	1.361356817	-1.260590965	2.00011495	0.641634922	3.287570793	0.7480677	1.5849351	1.1592137	2.1318521	1.4799062
7125000000	2.35619449	1.4131716694	-1.382955396	1.454205076	0.020400367	2.720163737	0.7272847	1.3977211	1.0047084	1.8707527	0.9690506
7125000000	2.35619449	1.466076572	-1.859318515	0.641890583	-1.159944836	1.633012363	0.6517307	1.1592819	0.7656063	1.456469	0.0357769
7125000000	2.35619449	1.518436449	-2.133597204	-0.08904141	-1.369778547	0.991744421	0.6118434	0.9797062	0.7294947	1.2565345	-0.4840748
7125000000	2.35619449	1.570796327	-1.918382448	-0.489432682	-0.543198459	1.305280474	0.6429271	0.8934222	0.8824298	1.3506401	-0.257897
7125000000	2.35619449	1.623156204	-1.592432924	-0.648100981	-0.336521454	1.732738952	0.6930375	0.8613703	0.9254391	1.4930007	-0.0325334
7125000000	2.35619449	1.675516082	-1.658982871	-0.885919231	-1.81811953	1.47747267	0.6823555	0.8154702	0.6579427	1.4052295	-0.5048828
7125000000	2.35619449	1.72787596	-2.213328602	-1.377468771	-4.738976131	0.414232594	0.6007132	0.7282041	0.3358168	1.1007794	-1.6039447
7125000000	2.35619449	1.780235837	-2.867619665	-1.855703354	-6.949512852	-1.045855878	0.5166995	0.6522734	0.2018593	0.7859853	-2.682466
7125000000	2.35619449	1.832595715	-3.22685032	-1.90620934	-6.691727897	-2.224498987	0.4756801	0.6447318	0.2142038	0.5991701	-3.1565164
7125000000	2.35619449	1.884955592	-3.383968393	-1.738961344	-5.510352757	-2.760068962	0.4587786	0.7600448	0.2811672	0.529655	-3.1433758
7125000000	2.35619449	1.93731547	-3.740038319	-2.0239038	-4.959722189	-2.914141849	0.4226649	0.6274941	0.3191742	0.5111941	-3.2778037
7125000000	2.35619449	1.989675347	-4.518419534	-2.956468368	-6.972771292	-3.108793084	0.3533117	0.5062362	0.4383289	0.8878882	-3.0886919
7125000000	2.35619449	2.042035225	-5.488083337	-3.505323202	-6.84710643	-3.372769386	0.2862127	0.4461364	0.2066577	0.4599632	-3.4735602
7125000000	2.35619449	2.094395102	-6.140635669	-2.717481992	-4.91432924	-3.393324222	0.2431848	0.5348744	0.3224458	0.4577913	-0.4094094
7125000000	2.35619449	2.146754898	-6.322282005	-1.89964871	-4.629288718	-3.292963783	0.2332232	0.6457065	0.3444063	0.4684932	-3.7370338
7125000000	2.35619449	2.199114858	-6.464293959	-2.081739826	-8.6162450						

7125000000	2.408554368	-1.72787596	-3.513146338	-0.235069617	-4.440537578	-1.965979062	0.44553335	0.947312	0.3597048	0.6359194	-2.2397662
7125000000	2.408554368	-1.675516082	-3.187212811	0.654968925	-3.955423765	-1.340953163	0.4800414	1.1627782	0.4022144	0.7343527	-1.5811101
7125000000	2.408554368	-1.623156204	-3.051045574	1.100968666	-4.660497461	-1.641842098	0.4953309	1.2885369	0.3419403	0.6851975	-1.5319827
7125000000	2.408554368	-1.570796327	-2.638553795	1.463316958	-5.54250476	-2.49866564	0.544684	1.0065657	0.2867804	0.5625141	-1.5573486
7125000000	2.408554368	-1.518436449	-1.656662185	2.078462167	-4.553301658	-2.903223448	0.6828633	1.613787	0.3504853	0.5124809	-1.0257486
7125000000	2.408554368	-1.466076572	-0.456228081	2.832426456	-2.252762042	-2.267961824	0.9002791	1.191741	0.5952834	0.5932037	0.0092268
7125000000	2.408554368	-1.4137116694	0.328321753	3.299831604	-0.279390514	-1.310318724	1.0785299	1.1378792	0.9376936	0.739551	0.8753727
7125000000	2.408554368	-1.361356817	0.468590029	3.214052761	0.274034446	-1.0117352	1.1139328	2.0960676	1.065132	0.7921848	1.027181
7125000000	2.408554368	-1.308996939	0.243457727	2.712591856	-0.376774716	-1.380494432	1.0576593	1.8674939	0.9169012	0.727697	0.5783257
7125000000	2.408554368	-1.256637061	0.162896229	2.252771527	-0.875129434	-1.55509168	1.0382206	1.6798757	0.8174987	0.6999022	0.2475414
7125000000	2.408554368	-1.204277184	0.398181917	2.127343344	-0.356928053	-0.948948905	1.0960193	1.6320533	0.9211014	0.8037206	0.4658242
7125000000	2.408554368	-1.151917306	0.597864695	1.995496632	0.017472938	-0.218934755	1.1475892	1.5832506	1.0040314	0.950803	0.6871534
7125000000	2.408554368	-1.099557429	0.441392635	1.273064678	-1.051892	-0.244100471	1.1069787	1.3406224	0.7848936	0.9453442	0.188917
7125000000	2.408554368	-1.047197551	0.020714262	-0.232553751	-3.397189325	-1.239722539	1.004781	0.9478609	0.4573841	0.7516709	-1.0213975
7125000000	2.408554368	-0.994837674	-0.198415009	-2.035466478	-4.998788225	-2.659533163	0.9553412	0.6258256	0.316316	0.5420592	-2.1475169
7125000000	2.408554368	-0.942477796	0.124491197	-3.180722229	-4.464794111	-3.335609745	1.02908	0.4807594	0.3577014	0.4639157	-2.344327
7125000000	2.408554368	-0.890117919	0.747822563	-3.448217709	-3.719944361	-2.864886958	1.1879065	0.4520414	0.424625	0.5170247	-1.9017144
7125000000	2.408554368	-0.837758041	1.220053369	-3.382571706	-4.330117066	-2.363422876	1.3243578	0.4589262	0.3689677	0.5803069	-1.0289606
7125000000	2.408554368	-0.785398163	1.294132528	-3.029292587	-5.675590348	-2.856958592	1.3471416	0.4978182	0.2706705	0.5179694	-1.8151022
7125000000	2.408554368	-0.733038286	0.955657567	-2.061259216	-5.754909082	-4.282659747	1.246142	0.6221199	0.2657719	0.3720216	-2.0289646
7125000000	2.408554368	-0.680678408	0.301650322	-0.768895658	-4.289850672	-4.829007887	1.0719266	0.8377423	0.3724045	0.3289268	-1.852531
7125000000	2.408554368	-0.628318531	-0.568848706	0.092812224	-3.327645594	-4.304595116	0.8772333	1.0216008	0.4647672	0.3711423	-1.6514337
7125000000	2.408554368	-0.575958653	-1.507473205	0.072550558	-5.064274508	-5.064274508	0.7067286	1.0168468	0.4378412	0.3115821	-2.0883609
7125000000	2.408554368	-0.523598776	-2.250071081	-0.753863982	-4.47801257	-7.623699302	0.5965524	0.6046469	0.3566143	0.1728344	-3.0853217
7125000000	2.408554368	-0.471238898	-2.649906912	-1.782127367	-5.378091245	-8.851731319	0.543262	0.863418	0.2898617	0.1230267	-0.5397271
7125000000	2.408554368	-0.41887902	-2.87573083	-2.470460421	-6.418855866	-7.952010338	0.5157354	0.5661793	0.2280943	0.1620535	-4.3466607
7125000000	2.408554368	-0.366519143	-3.328187465	-2.995974723	-7.987650898	-9.064436768	0.4647092	0.501652	0.1589406	0.1240384	-5.0537927
7125000000	2.408554368	-0.314159265	-4.422991649	-3.549724414	-9.039427682	-12.03691788	0.361161	0.4415985	0.1247548	0.0625167	-6.063915
7125000000	2.408554368	-0.261799388	-5.986684233	-4.164586761	-8.782430383	-11.30223801	0.25196	0.3833022	0.1323601	0.0740928	-6.7469848
7125000000	2.408554368	-0.20943951	-6.906792615	-5.045546584	-8.973637648	-10.62545505	0.2038547	0.3129287	0.1266591	0.0865874	-7.3871942
7125000000	2.408554368	-0.157079633	-6.749273265	-6.145427889	-9.542298605	-11.81264232	0.2113843	0.2429166	0.1111143	0.0658773	-8.0182934
7125000000	2.408554368	-0.104719575	-6.235906289	-7.073596072	-9.457705667	-9.622538555	0.2379082	0.1961735	0.1132999	0.1090791	-7.8485126
7125000000	2.408554368	-0.052359878	-5.947024568	-7.422957667	-9.283971979	-7.865949099	0.2542714	0.1810107	0.1179242	0.1634576	-7.4674448
7125000000	2.408554368	-4.44E-16	-6.404297431	-6.929234932	-9.88570992	-7.70597184	0.2288602	0.202804	0.1026666	0.169591	-7.5453561
7125000000	2.408554368	0.052359878	-7.926522795	-6.293025202	-10.71005803	-6.101216097	0.1611936	0.2347997	0.0849169	0.245402	-7.4093658
7125000000	2.408554368	0.104719755	-10.39397593	-6.512585354	-11.46531195	-4.879614818	0.0913277	0.2232243	0.0713623	0.2531161	-7.4971782
7125000000	2.408554368	0.157079633	-12.70007353	-7.799435344	-12.01140783	-5.664342916	0.0537023	0.1659803	0.0629302	0.2713724	-8.586185
7125000000	2.408554368	0.20943951	-12.57413202	-9.127005485	-10.50793047	-5.874498205	0.0552824	0.1222642	0.0889625	0.2855534	-8.8184901
7125000000	2.408554368	0.261799388	-10.64922261	-8.333705518	-7.875465465	-4.005803781	0.0861148	0.1467673	0.1630998	0.3975755	-7.0248162
7125000000	2.408554368	0.314159265	-9.811099189	-6.151632176	-6.854500071	-2.85641901	0.1264416	0.2425698	0.2466863	0.5180338	-5.4754976
7125000000	2.408554368	0.366519143	-8.105824985	-4.53714694	-5.05474556	-2.524396147	0.1546741	0.3517915	0.2847905	0.5591913	-4.7158236
7125000000	2.408554368	-0.78587902	-7.998474572	-3.812661148	-5.455221196	-2.322877032	0.158545	0.4156558	0.3158551	0.5857506	-4.3818491
7125000000	2.408554368	0.471238898	-8.480095041	-3.52480295	-3.946174732	-2.324817565	0.1419026	0.4441398	0.4030719	0.5854883	-4.04889
7125000000	2.408554368	0.523598776	-9.246987857	-3.078495594	-3.002904292	-2.086166539	0.1189327	0.49221	0.500848	0.6185622	-3.6387512
7125000000	2.408554368	0.575958653	-10.05698749	-2.231747689	-2.945678718	-1.002671748	0.0986964	0.5981708	0.5074954	0.7938397	-3.0142052
7125000000	2.408554368	0.628318531	-10.49208036	-1.128446297	-3.673621341	-0.124471729	0.0892878	0.7171193	0.4327508	0.9717461	-2.4699869
7125000000	2.408554368	0.680678408	-9.451774736	0.093964133	-4.085317041	-0.321153436	0.1134547	1.0218718	0.3903627	0.9287197	-2.1211308
7125000000	2.408554368	0.733038286	-7.177873002	1.30352283	-3.195747713	-0.898419703	0.1915194	1.3500576	0.4789004	0.8131263	-1.4972088
7125000000	2.408554368	-0.525272583	2.220388268	-1.355466537	0.132186618	0.132186618	0.3143929	1.6673963	0.7319027	1.030905	-0.2865492
7125000000	2.408554368	0.837758041	-3.449202054	2.623861891	0.003531623	2.150774409	0.451939	1.8297265	1.0008135	1.6408823	0.9020172
7125000000	2.408554368	0.890117919	-2.437660684	2.581058813	0.001163673	3.143489288	0.5704715	1.8177818	1.000268	2.1450575	1.4047494
7125000000	2.408554368	0.942477796	-1.929273497	2.398364151	-1.209924091	3.147184613	0.6413168	1.7371464	0.7568461	2.0640417	1.1388915
7125000000	2.408554368	0.998437674	-1.814898127	2.330463611	-2.286670642	2.019742978	0.6584309	1.7010197	0.5906537	1.5914481	0.5602113
7125000000	2.408554368	1.047197551	-1.910521225	2.322094609	-1.639140395	1.268059579	0.644092	1.7069054	0.6852639	1.3390783	0.389875
7125000000	2.408554368	1.099557429	-2.037776905	2.148779729	-0.33100975	1.702578561	0.6254928	1.6401289	0.9266144	1.47799868	0.6746356
7125000000	2.408554368	1.151917306	-2.108296821	1.800177725	-0.017752086	2.180247649	0.6154182	1.5136232	0.9959206	1.6520506	0.7709689
7125000000	2.408554368	1.204277184	-2.075674983	1.578510787	-0.560032586	2.259376698	0.6200583	1.4383053	0.8790159	1.6824326	0.6256432
7125000000	2.408554368	1.256637061	-1.87558415	1.706842848	-0.64342519	2.594423192	0.6489992	1.4814407	0.8622982	1.8173657	0.8009446
7125000000	2.408554368	1.308996939	-1.546397355	1.970796831	0.209249644	3.372168434	0.7004228	1.5727717	1.0493611	2.1737863	1.3813225
7125000000	2.408554368	1.361356817	-1.292041618	1.966040724	0.76745309	3.811737854	0.7426699	1.5725486	1.1932881	2.4053251	1.6980897
7125000000	2.408554368	1.4137116694	-1.364736541	1.543778156	0.207163987	3.382972967	0.7303421	1.4268483	1.0488573	2.179201	1.2914578
7125000000	2.408554368	1.466076572	-1.78412745	0.9391849	-0.8990545	2.323333605	0.6631126	1.2414193	0.8130075	1.7073925	0.8486459
7125000000	2.408554368	1.518436449	-2.212309157	0.496684951	-1.180131973	1.564518849	0.6008542	1.121214	0.7620559	1.3436789	-0.0901741
7125000000	2.408554368	1.570796327	-2.308067346	0.292419671	-0.594534421	1.654317739	0.5877508	1.0969507	0.8720604	1.4636316	-0.0075051
7125000000	2.408554368	1.623156204	-2.209033742	0.136248552	-0.625192489	1.87876424	0.6013075	1.0318697	0.8659259	1.5412616	0.4036061
7125000000	2.408554368	1.675516082	-2.367846918	-0.175617749	-2.131178553	1.513582496	0.579716	0.9603692	0.5982492	1.4169621	-0.5118416
7125000000	2.408554368	1.72787596	-3.025678204	-0.667563139	-5.021168645	0.546503323	0.4982326	0.8575189	0.3146901	1.1340973	-1.5419851
7125000000	2.408554368	1.7									

7125000000	2.460914245	-2.14675498	-8.54190796	-5.22093679	-6.702661854	-6.052672017	0.1398973	0.3005428	0.2136652	0.2481606	-6.4672547
7125000000	2.460914245	-2.094395102	-9.064170945	-4.513038522	-7.887894535	-7.017338748	0.124046	0.3537498	0.1626337	0.1987312	-6.7821484
7125000000	2.460914245	-2.042035225	-9.35195135	-3.839729718	-7.322302901	-6.801192334	0.1160927	0.4130732	0.1852549	0.2088723	-6.3672042
7125000000	2.460914245	-1.989675347	-8.95230191	-3.509574354	-5.083598815	-5.71552564	0.1272882	0.4456999	0.3101988	0.268193	-5.4084336
7125000000	2.460914245	-1.93731547	-8.255867063	-3.632226753	-4.0180592	-4.307874414	0.1494216	0.4322887	0.3964552	0.3708622	-4.7117135
7125000000	2.460914245	-1.884955592	-7.648127354	-3.796245975	-4.929972161	-3.406415811	0.1718649	0.4172229	0.3213681	0.4498044	-6.4842424
7125000000	2.460914245	-1.832595715	-6.782185679	-3.249342217	-6.34672428	-3.20626792	0.2097884	0.4737299	0.2272651	0.478561	-4.5940858
7125000000	2.460914245	-1.780235837	-5.301192342	-1.871310294	-5.81825692	-2.663776031	0.2950399	0.6499336	0.2619234	0.5415298	-3.5941255
7125000000	2.460914245	-1.72787596	-3.795213378	-0.432292134	-4.330744811	-1.644208872	0.4173291	0.9052547	0.3689143	0.6848242	-2.2615464
7125000000	2.460914245	-1.675516082	-3.033977397	0.497054554	-3.840819504	-0.984792313	0.4972815	1.1212577	0.4129696	0.7971146	-1.5048487
7125000000	2.460914245	-1.623156204	-2.94873007	0.995037915	-4.17898202	-1.295728477	0.507139	1.2574878	0.3820338	0.7420397	-1.413575
7125000000	2.460914245	-1.570796327	-2.712983766	1.521719019	-4.36845726	-2.232015592	0.5354287	1.4196193	0.3657247	0.5981339	-1.3683979
7125000000	2.460914245	-1.518436449	-1.682929315	2.358975077	-3.325429561	-2.680551475	0.6787457	1.7214623	0.4650044	0.5394421	-0.6998695
7125000000	2.460914245	-1.466076572	-0.332577565	3.274349565	-1.247300318	-1.977095873	0.9262799	1.253572	0.7503605	0.6342937	-0.4496152
7125000000	2.460914245	-1.413716694	0.507023836	3.834434366	0.446771183	-0.941093365	1.1238346	2.4179284	1.1083505	0.8051575	-1.3475778
7125000000	2.460914245	-1.361356817	0.652481503	3.839777947	0.7293914	-0.619994933	1.1621124	2.4209053	1.1828758	0.8669629	-1.4866869
7125000000	2.460914245	-1.30896939	0.556273645	3.471986227	-0.22901857	-0.99644351	1.1366516	2.2243629	0.9486328	0.794799	1.059009
7125000000	2.460914245	-1.256637061	0.76614731	3.164823705	-1.028079896	-1.152354448	1.1929294	2.0724419	0.789209	0.7669454	0.8112549
7125000000	2.460914245	-1.204277184	1.254551713	3.150200437	-0.672000349	-0.479940386	1.3349198	2.0654774	0.8566432	0.8953771	1.0995105
7125000000	2.460914245	-1.151917306	1.552988588	3.098919517	-0.382331674	0.323343219	1.4298776	2.04123	0.9157287	1.0772942	1.3546108
7125000000	2.460914245	-1.099557429	1.413253389	2.499401499	-1.599128908	0.352076719	1.3846032	1.7780344	0.6919697	1.0844454	0.9158367
7125000000	2.460914245	-1.047197551	0.999326598	1.176868613	-4.17460002	-0.601626974	1.2587302	1.3112541	0.3824195	0.8706374	-0.1965102
7125000000	2.460914245	-0.994837674	0.677749071	-0.492048015	-5.839438847	-2.029419489	1.1688934	0.8928843	0.260649	0.6026976	-1.323669
7125000000	2.460914245	-0.942477796	0.650315742	-1.690295874	-5.045293553	-2.893156933	1.1615331	0.6775953	0.3129469	0.5136701	-1.7624132
7125000000	2.460914245	-0.890117919	0.780110368	-2.07725399	-4.04979858	-2.666100659	1.1967709	0.6198329	0.3935683	0.5412401	-1.6250433
7125000000	2.460914245	-0.837758041	0.822043838	-2.179104974	-4.506496369	-2.246409922	1.2083824	0.6054656	0.354283	0.5961547	-1.6047705
7125000000	2.460914245	-0.785398163	0.653422866	-2.260619018	-5.733183442	-2.737633226	1.1623644	0.5942075	0.2671048	0.5323983	-1.9448641
7125000000	2.460914245	-0.733038286	0.277862626	-1.819531004	-5.75782784	-4.167635396	1.0660713	0.6577289	0.2655934	0.3830332	-2.2686717
7125000000	2.460914245	-0.680678408	-0.267785752	-0.71959172	-4.39348148	-4.675495196	0.9402026	0.8473071	0.3636234	0.3407615	-2.0553034
7125000000	2.460914245	-0.628318531	-0.947078034	0.167831358	-3.549289085	-4.128924669	0.8040669	1.039401	0.4416427	0.3864627	-1.7529289
7125000000	2.460914245	-0.575958653	-1.654655618	0.204877317	-3.878084151	-4.98904462	0.6831789	1.0483052	0.4094412	0.3170265	-2.1148663
7125000000	2.460914245	-0.523598776	-2.221992595	-0.528478067	-4.813929341	-7.769879299	0.5995159	0.8854258	0.3300708	0.1671137	-3.0492867
7125000000	2.460914245	-0.471238898	-2.606470603	-1.409825468	-5.77473836	-9.001377291	0.5487227	0.7227989	0.2655985	0.1258526	-3.8117487
7125000000	2.460914245	-0.41887902	-2.944410849	-1.988950249	-6.827679685	-7.886213902	0.5076436	0.6325647	0.2076022	0.1626966	-4.2293719
7125000000	2.460914245	-0.366519143	-3.511079251	-2.479438293	-8.343133847	-8.793650466	0.4455455	0.56501	0.1464491	0.1320185	-4.9179926
7125000000	2.460914245	-0.314159265	-4.606600763	-3.080113271	-9.15120735	-11.47061611	0.3462103	0.4920267	0.1215848	0.0712752	-5.8697609
7125000000	2.460914245	-0.261799388	-5.99091326	-3.864709924	-8.705071218	-11.01432185	0.2511748	0.4107004	0.1347389	0.0791713	-6.5939281
7125000000	2.460914245	-0.20943951	-6.704787689	-4.93776495	-8.855574187	-10.41013821	0.2135606	0.320792	0.1301495	0.0909884	-7.2830203
7125000000	2.460914245	-0.157079633	-6.556100325	-6.088197401	-9.471065588	-11.4870891	0.2209988	0.2641389	0.1129519	0.0710054	-7.8841566
7125000000	2.460914245	-0.104719755	-6.160499257	-6.939116739	-9.452670026	-9.560171083	0.2420751	0.2023431	0.1134313	0.110658	-7.895347
7125000000	2.460914245	-0.052359878	-5.955565475	-7.279309204	-9.284741903	-7.899085315	0.2537719	0.187098	0.1179033	0.1622152	-7.441318
7125000000	2.460914245	-4.44-16	-6.404297358	-6.929235195	-8.895709983	-7.705971697	0.2288602	0.202804	0.1026666	0.126591	-7.5453163
7125000000	2.460914245	0.052359878	-7.800591349	-6.469674046	-10.74713886	-6.096325671	0.1659361	0.2254408	0.084195	0.2456787	-7.4397383
7125000000	2.460914245	0.047191755	-10.00728082	-6.852421468	-11.52995046	-4.927368175	0.0998325	0.2064229	0.070308	0.3215609	-7.1935419
7125000000	2.460914245	0.01579633	-12.10484727	-8.363463985	-12.08609971	-5.807510292	0.0615907	0.1457651	0.0618572	0.2625732	-8.7632363
7125000000	2.460914245	0.20943951	-12.20895016	-9.982692013	-10.58949729	-6.087444619	0.0601319	0.1003993	0.0871265	0.2461816	-9.0847434
7125000000	2.460914245	0.261799388	-10.44186302	-9.095923661	-7.947792604	-4.145887603	0.0903262	0.1231424	0.160406	0.3849561	-7.2191506
7125000000	2.460914245	0.314159265	-8.701733885	-6.534925322	-6.177648773	-2.94358307	0.1348424	0.222079	0.241121	0.5077404	-5.5839014
7125000000	2.460914245	0.366519143	-7.692129133	-4.567306501	-5.600659126	-2.639982117	0.1701324	0.3493569	0.2753811	0.5455049	-4.7535177
7125000000	2.460914245	0.41887902	-7.399182029	-3.494498197	-5.106567082	-2.54109484	0.1820044	0.4472498	0.3086273	0.5570453	-4.2744008
7125000000	2.460914245	0.471238898	-7.52373479	-2.91025137	-3.907801122	-2.599675273	0.1768587	0.5116522	0.4067166	0.549582	-3.8594438
7125000000	2.460914245	0.523598776	-7.616241077	-2.393007613	-2.85468095	-2.293581082	0.1731314	0.5763672	0.5182412	0.5897146	-3.3314184
7125000000	2.460914245	0.575958653	-7.546211645	-1.792891071	-2.744399446	-1.112900022	0.1759458	0.6617758	0.5315695	0.7379448	-2.7099001
7125000000	2.460914245	0.628318531	-7.571283769	-1.118318351	-3.458088499	-0.194899241	0.174933	0.7729798	0.4510152	0.9561149	-2.3006118
7125000000	2.460914245	0.680678408	-7.589474847	-0.306965012	-4.023790275	-0.400374288	0.1742018	0.9317588	0.3959323	0.9119322	-2.1935419
7125000000	2.460914245	0.733038286	-7.035408327	0.621489048	-3.263459583	-0.147940785	0.1979061	1.1538488	0.4716871	0.785608	-1.8557577
7125000000	2.460914245	0.785398163	-5.87286201	1.376683576	-0.039416376	-0.039416376	0.2586508	1.3729931	0.7097	0.9909651	-0.7931472
7125000000	2.460914245	0.837578041	-6.458111197	1.682629606	-0.191568488	2.055526061	0.3421282	1.4732042	0.9568484	1.6052867	0.3916295
7125000000	2.460914245	0.890117919	-3.743950653	1.577049009	-0.303517616	3.268372179	0.4222843	1.4732813	0.9324987	2.1224488	0.8946822
7125000000	2.460914245	0.942477796	-3.192627452	1.371384526	-1.704867238	3.046492501	0.4794433	1.3713189	0.6753257	2.0167369	0.55266
7125000000	2.460914245	0.994837674	-2.870249381	1.319051182	-2.927268113	1.646717489	0.5163867	1.3548934	0.5096514	1.4610724	-0.1750219
7125000000	2.460914245	1.047197551	-2.548288488	1.318806487	-2.084281823	0.544895668	0.5561234	1.354817	0.6188307	1.136776	-0.3816988
7125000000	2.460914245	1.099557429	-2.154150358	1.130941944	-0.580420269	1.121496819	0.6089547	1.2974606	0.8749027	1.294642	0.0816992
7125000000	2.460914245	1.151917306	-1.797864592	0.827488248	-0.23841206	1.988500268	0.6610184	1.2098982	0.9465832	1.5807021	0.4121517
7125000000	2.460914245	1.204277184	-1.536945829	0.807945334	-0.796101223	2.454732972	0.7019488	1.204466	0.8325108	1.7598405	0.5103341
7125000000	2.460914245	1.256637061	-1.235022293	0.794230353	3.106209399	0.7480541	0.7480541	1.3289304	0.8328695	2.0457005	0.9293322
7125000000	2.460914245	1.30896939	-0.878308797	1.729712149	0.20095692	4.023720284	0.8169004	1.4892624	1.0473619	2.5256344	1.6725984
7125000000	2.460914245	1.361356817	-0.57190								

7125000000	2.513274123	-2.565634	-6.166619015	-8.194537581	-8.837060559	-6.434129339	0.2417342	0.1515466	0.1307055	0.2272935	-7.2625824
7125000000	2.513274123	-2.513274123	-5.964778419	-7.467069444	-8.187344307	-5.08999204	0.2523241	0.1791815	0.1517978	0.3097425	-6.5073491
7125000000	2.513274123	-2.460914245	-5.851412753	-6.45245196	-6.89106322	-5.584267237	0.2599314	0.2263366	0.2045944	0.2764224	-6.5845663
7125000000	2.513274123	-2.408554368	-5.631003892	-5.557500288	-5.408278506	-6.420099165	0.2734637	0.2783134	0.2878539	0.2279822	-5.7372013
7125000000	2.513274123	-2.35619449	-5.252899935	-5.184424436	-4.870732557	-6.372593419	0.298339	0.3038082	0.3257817	0.230537	-5.3849743
7125000000	2.513274123	-2.303834613	-5.233264812	-5.388543251	-5.069107821	-5.698020017	0.2996909	0.289165	0.3112356	0.2692762	-5.3410893
7125000000	2.513274123	-2.251474735	-5.961698106	-5.910938088	-5.583545442	-5.113193309	0.2534138	0.256393	0.2764684	0.3080922	-5.6286891
7125000000	2.513274123	-2.199114858	-7.163460696	-6.171805114	-6.36476182	-5.416550223	0.192156	0.2414457	0.2309531	0.2873062	-6.2348646
7125000000	2.513274123	-2.14674598	-8.318079884	-5.734647958	-7.538807425	-6.365785392	0.1472964	0.2670147	0.176246	0.2308987	-6.8747581
7125000000	2.513274123	-2.094395102	-8.854523568	-4.845754999	-8.863920185	-6.21893242	0.130181	0.3276608	0.1298997	0.2388398	-6.8477441
7125000000	2.513274123	-2.042035225	-7.712413935	-3.990134726	-7.939856112	-4.916404937	0.1693396	0.3990125	0.1606994	0.3223736	-5.802816
7125000000	2.513274123	-1.989675347	-5.817765205	-3.546815931	-5.65230655	-3.697628763	0.2619531	0.4418943	0.2721256	0.4268125	-4.5506875
7125000000	2.513274123	-1.93731547	-4.831734757	-3.626340206	-5.06716774	-2.806209088	0.3287203	0.4338764	0.3113746	0.5240577	-3.9847534
7125000000	2.513274123	-1.884955592	-4.828715095	-3.840421765	-6.249995223	-2.514516964	0.3289489	0.4130074	0.2371376	0.5604648	-4.1466374
7125000000	2.513274123	-1.832595715	-4.715671793	-3.41179223	-6.940374417	-2.720292486	0.3376236	0.4558488	0.2022845	0.5345284	-4.1728761
7125000000	2.513274123	-1.780235837	-3.571490355	-2.053334469	-5.451811877	-2.578287583	0.4393908	0.6232561	0.2849829	0.5522952	-3.2323253
7125000000	2.513274123	-1.72787596	-2.127802219	-0.549039544	-3.9273304083	-1.73930378	0.6126604	0.8812437	0.4048271	0.669992	-1.9234268
7125000000	2.513274123	-1.675516082	-1.431754816	0.384007083	-3.332012336	-1.146361119	0.7191583	1.0924478	0.4643001	0.7680047	-1.1862804
7125000000	2.513274123	-1.623156204	-1.530125923	0.799248805	-3.275955516	-1.564267176	0.7030519	1.2020565	0.4703319	0.6975467	-1.1449926
7125000000	2.513274123	-1.570796327	-1.570796327	1.23969538	-3.204849085	-2.623935609	0.6966021	1.3036611	0.478096	0.5655205	-1.1753527
7125000000	2.513274123	-1.518436449	-0.798536151	2.059818983	-2.302906887	-2.997260758	0.8320442	1.6068743	0.5884497	0.5015034	-0.5442414
7125000000	2.513274123	-1.466076572	0.349406227	2.988207861	-0.530538459	-2.014840331	1.0837787	1.998952	0.8850059	0.628805	0.5951056
7125000000	2.513274123	-1.413716694	1.051432114	3.525445603	-0.86951461	-0.761113256	1.2739231	2.2518765	1.2237569	0.8392448	1.4525867
7125000000	2.513274123	-1.361356817	1.150309826	3.466430737	0.860467261	-0.337935948	1.3032597	2.2214834	1.2191208	0.9251378	1.5144659
7125000000	2.513274123	-1.308996939	1.151150503	3.039964387	-0.45805465	-0.665253761	1.3035121	2.0137077	0.8999006	0.857975	0.5038472
7125000000	2.513274123	-1.256637061	1.588217252	2.755662825	-1.557586747	-0.776618401	1.4415235	1.8861068	0.6986205	0.8362539	0.4848004
7125000000	2.513274123	-1.204277184	2.340556821	2.874882765	-1.242683415	-0.045014065	1.7141771	1.9386003	0.7511586	0.9896887	1.9820071
7125000000	2.513274123	-1.151917306	2.877474465	3.028130652	-0.908290209	0.807743337	1.9397575	2.0082282	0.8112804	1.2044099	1.7345406
7125000000	2.513274123	-1.099557429	2.900756451	2.707980886	-2.193258742	0.839162505	1.9501843	1.8655122	0.6034956	1.2131549	1.4862941
7125000000	2.513274123	-1.047197551	2.507837223	1.805858609	-4.933197603	-0.157173621	1.7814914	1.5156004	0.3211295	0.9643366	0.5904835
7125000000	2.513274123	-0.994837674	2.009296052	0.735150642	-6.487524595	-1.646629712	1.5882893	1.1844455	0.2245161	0.6862917	0.3601232
7125000000	2.513274123	-0.942477796	1.625288214	0.136144516	-5.254877002	-2.610376888	1.4538809	1.031845	0.2982032	0.5482294	-0.7933435
7125000000	2.513274123	-0.890117919	1.298541209	0.049994615	-3.959175964	-2.53951654	1.3485098	1.015782	0.4018671	0.5527278	-0.8102619
7125000000	2.513274123	-0.837758041	0.846823088	-0.10046672	-4.241779404	-2.214500154	1.2152967	0.9771322	0.3765495	0.6005511	-1.0106519
7125000000	2.513274123	-0.785398163	0.249094295	-0.578494844	-3.582109745	-2.711991005	1.0590328	0.8752817	0.2895396	0.5355511	-1.6123516
7125000000	2.513274123	-0.733038286	-0.334646749	-0.81960077	-5.505680969	-4.107107233	0.9258387	0.8280183	0.2814771	0.3884009	-2.1753741
7125000000	2.513274123	-0.680678408	-0.809489791	-0.253618966	-4.382902211	-4.569175125	0.8299483	0.9432745	0.3645103	0.3492066	-2.0639473
7125000000	2.513274123	-0.628318531	-1.225647157	0.40325585	-3.701578868	-4.013201628	0.754111	1.0973003	0.4264245	0.3968988	-1.7477926
7125000000	2.513274123	-0.575985653	-1.629691449	0.358839537	-4.110640543	-4.90870895	0.6871173	1.0861334	0.3880963	0.3229454	-2.0685694
7125000000	2.513274123	-0.523598776	-2.035097575	-0.346662698	-5.107327433	-7.749291092	0.6258788	0.9328206	0.3085086	0.1679078	-2.9551148
7125000000	2.513274123	-0.471238892	-2.477334143	-1.11001666	-6.099176006	-8.950581343	0.5652839	0.7744588	0.2455175	0.1273363	-3.6840572
7125000000	2.513274123	-0.41889702	-2.987978953	-1.584586328	-7.156113135	-7.763250962	0.5025764	0.6942907	0.1924814	0.167369	-4.0980521
7125000000	2.513274123	-0.366519143	-3.678131138	-2.024952188	-8.525192174	-8.534409718	0.428733	0.6273426	0.1404368	0.140139	-4.7604186
7125000000	2.513274123	-0.314159265	-4.712631597	-2.659388664	-9.065270025	-10.96122624	0.3370054	0.5427072	0.1240147	0.0801452	-5.6733434
7125000000	2.513274123	-0.261799388	-5.866935328	-3.602284822	-8.520606876	-10.72181098	0.259004	0.4362862	0.1405581	0.0846874	-6.3800659
7125000000	2.513274123	-0.209493249	-6.40793249	-4.853943234	-8.70105553	-10.1929208	0.2286687	0.3270436	0.1348635	0.0956551	-7.0650989
7125000000	2.513274123	-0.157079633	-6.333785538	-6.037628801	-9.404231165	-11.14532764	0.2326063	0.2490217	0.1147036	0.0768188	-7.7394798
7125000000	2.513274123	-0.104719755	-6.082405511	-6.805448347	-9.457778874	-9.470671411	0.2464674	0.2086677	0.1132977	0.1129621	-7.6866112
7125000000	2.513274123	-0.052359878	-5.965004212	-7.138248984	-9.28893866	-9.792888499	0.2532209	0.1932747	0.1177882	0.1610687	-7.4151088
7125000000	2.513274123	-4.44E-16	-6.404297776	-6.929234943	-9.885710219	-7.705971669	0.2288602	0.202804	0.1026666	0.169591	-7.4535362
7125000000	2.513274123	0.052359878	-7.666952968	-6.655291427	-10.78182988	-6.097360849	0.1711215	0.2160085	0.0835251	0.2456201	-7.4698004
7125000000	2.513274123	0.104719755	-9.575174395	-7.219846012	-11.59860801	-4.976568817	0.1102764	0.1896773	0.0692052	0.3179385	-6.5041651
7125000000	2.513274123	0.157079633	-11.32432547	-8.973800565	-12.19479906	-5.94404154	0.073717	0.1266543	0.0603282	0.2544461	-6.9013003
7125000000	2.513274123	0.20943951	-11.49531274	-10.86262214	-10.75767469	-6.342669111	0.070871	0.0819856	0.0839909	0.232131	-9.39097
7125000000	2.513274123	0.261799388	-9.997856565	-9.790081212	-8.11372191	-4.354890204	0.1000494	0.1049523	0.1543931	0.366869	-7.4096566
7125000000	2.513274123	0.314159265	-8.333222415	-6.868093911	-6.390665694	-3.085605472	0.1467837	0.205641	0.2295797	0.4914049	-7.129469
7125000000	2.513274123	0.366519143	-7.254217449	-4.600574031	-5.884292361	-2.766494159	0.1881821	0.346691	0.2579709	0.5528872	-8.8092183
7125000000	2.513274123	0.41887902	-6.765245156	-3.206879333	-7.237268897	-2.670991363	0.2106083	0.4778725	0.2899166	0.5406309	-4.2094911
7125000000	2.513274123	0.471123898	-6.504146684	-2.304844714	-4.063769533	-2.69541494	0.2236585	0.5881871	0.3923043	0.5375991	-3.6107443
7125000000	2.513274123	0.523598776	-5.985927624	-1.602056565	-2.891858833	-2.420893955	0.2520039	0.6915034	0.5138237	0.5726781	-2.94562
7125000000	2.513274123	0.575958653	-5.189932973	-1.034759144	-2.704400321	-1.332573792	0.302696	0.7879961	0.5364879	0.7357709	-2.2860527
7125000000	2.513274123	0.628318531	-4.571234542	-0.562280663	-3.437068633	-0.373407737	0.3490411	0.878561	0.4532034	0.9176124	-1.87351
7125000000	2.513274123	0.680678408	-4.372541759	-0.039623592	-4.142993322	-0.41431831	0.3653809	0.9909178	0.3852128	0.990909	-1.7872883
7125000000	2.513274123	0.733038286	-4.419748632	0.572467709	-3.517155161	-0.979591438	0.3614308	1.1408979	0.4449226	0.7906698	-1.6346685
7125000000	2.513274123	0.785398163	-4.420244096	1.040786706	-1.794036281	-0.244200951	0.3613896	1.2726491	0.6616013	0.9453232	-0.9138602
7125000000	2.513274123	0.837758041	-4.30099579	1.154823994	-0.546431244	1.618657386	0.37145	1.3046151	0.8817732	1.4516628	-0.1030304
7125000000	2.513274123	0.890117919	-4.093522086	0.96196331	-0.749518777	2.746821138	0.3896259	1.2479475	0.8414884	1.8227088	-0.3755922
7125000000	2.513274123	0.942477									

7125000000	2.565634	-2.984513021	-10.79649468	-11.33661937	-10.82560364	-7.685106162	0.0832435	0.0735086	0.0826875	0.1704078	-0.8943786
7125000000	2.565634	-2.932153143	-9.223556327	-11.29326639	-9.091077934	-8.253680409	0.1195761	0.0742461	0.1232799	0.1494968	-9.3311633
7125000000	2.565634	-2.879793266	-8.451588759	-10.42306178	-11.02300617	-9.24438975	0.1428371	0.0907181	0.0790133	0.0945281	-9.9236257
7125000000	2.565634	-2.827433388	-7.514223406	-9.380124025	-15.62374169	-8.520910471	0.1772465	0.115342	0.0273921	0.1405753	-9.387776
7125000000	2.565634	-2.775073511	-6.587996698	-9.317140274	-20.25203689	-7.843793872	0.2193817	0.117027	0.0094362	0.1642936	-8.9437197
7125000000	2.565634	-2.722713633	-6.227717209	-9.584237441	-15.54449654	-9.008742449	0.2383572	0.1100465	0.0278965	0.1256394	-9.0140852
7125000000	2.565634	-2.670353756	-6.428863124	-9.551443502	-11.88339686	-9.957398407	0.2275693	0.1108806	0.0648133	0.1009721	-8.9942671
7125000000	2.565634	-2.617993878	-6.560007351	-9.386767972	-10.17553496	-8.637861064	0.2208001	0.1151657	0.0960388	0.1368403	-8.4706618
7125000000	2.565634	-2.565634	-6.297413302	-9.567753744	-9.131077587	-6.038898577	0.2345625	0.110405	0.1221497	0.2489489	-7.4707052
7125000000	2.565634	-2.513274123	-6.008370596	-9.87992427	-8.119571124	-5.06588388	0.250705	0.1028034	0.1541853	0.3114667	-6.8869107
7125000000	2.565634	-2.460914245	-5.678836871	-9.264436348	-6.510474665	-5.96491546	0.2704683	0.1184558	0.2233328	0.2532261	-6.6480146
7125000000	2.565634	-2.408554368	-5.146536812	-7.899622718	-5.34797199	-7.129081653	0.3057358	0.1621951	0.291879	0.1936831	-6.2274247
7125000000	2.565634	-2.35619449	-4.80226969	-6.821893903	-5.616250435	-7.206336384	0.3309581	0.207879	0.2743942	0.1902683	-6.0054279
7125000000	2.565634	-2.303834613	-4.995348825	-6.425258846	-6.76954855	-6.585528712	0.3165666	0.2277582	0.2103997	0.2195064	-6.1339807
7125000000	2.565634	-2.251474735	-5.570385094	-6.56383332	-7.635683447	-6.015163184	0.2773074	0.2206285	0.1723581	0.2503132	-6.3798563
7125000000	2.565634	-2.199114858	-6.09443809	-6.747715332	-8.078323951	-6.25048285	0.2457855	0.2114601	0.1556566	0.237111	-6.7263432
7125000000	2.565634	-2.14675498	-6.418972205	-6.481490089	-8.895354841	-6.528399435	0.2280882	0.2248283	0.1289628	0.2224129	-6.9664611
7125000000	2.565634	-2.094395102	-6.133078427	-5.845262248	-9.800558615	-5.110771913	0.2436083	0.260298	0.1046994	0.308264	-6.7975152
7125000000	2.565634	-2.042035225	-4.735508811	-5.32589544	-8.202793502	-3.224311044	0.336085	0.2933665	0.1512588	0.4759583	-5.0283925
7125000000	2.565634	-1.989675347	-3.229382228	-5.231879646	-6.193252794	-2.019839796	0.4754077	0.2997865	0.2402563	0.6280815	-3.8628185
7125000000	2.565634	-1.93731547	-2.659577038	-5.524259997	-6.13031251	-1.427142011	0.5420537	0.2802683	0.2437635	0.7199226	-3.5017656
7125000000	2.565634	-1.884955592	-3.014432497	-5.781047667	-7.111729962	-1.464392873	0.4995245	0.2641771	0.1944585	0.713774	-3.7884084
7125000000	2.565634	-1.832595715	-3.313864782	-5.343439551	-6.63369234	-1.99705084	0.4662443	0.2921837	0.2170855	0.631386	-3.9970108
7125000000	2.565634	-1.780235837	-2.64656695	-3.910181141	-4.82486203	-2.250654741	0.5436799	0.4064264	0.3292409	0.5955723	-3.2907735
7125000000	2.565634	-1.72787596	-1.60621563	-2.239224639	-3.411675563	-1.745989699	0.6908415	0.5971419	0.455861	0.6689614	-2.6193763
7125000000	2.565634	-1.675516082	-1.125905608	-1.153383247	-2.658292148	-1.366831232	0.7716306	0.7667639	0.5422141	0.7299899	-1.5326117
7125000000	2.565634	-1.623156204	-1.306353937	-0.63399537	-2.358233951	-1.981782814	0.7402265	0.8642911	0.5813231	0.6336096	-1.5189555
7125000000	2.565634	-1.570796327	-1.44805525	-0.109524634	-2.315492593	-3.185307588	0.7164642	0.9750964	0.5867468	0.4802521	-1.6137765
7125000000	2.565634	-1.518436449	-0.850165815	0.802738543	-1.686019583	-3.406186241	0.8222113	1.2030228	0.6782629	0.4564376	-1.0238191
7125000000	2.565634	-1.466076572	0.203700432	1.813866234	-0.189686702	-2.094288907	1.0480211	1.5184015	0.9572631	0.6174064	0.150549
7125000000	2.565634	-1.413716694	0.969744324	2.376607011	0.981206624	-0.633625386	1.2501854	1.7284655	1.2534894	0.8642462	1.0520236
7125000000	2.565634	-1.361356817	1.190270811	2.267110773	0.679616894	-0.114616025	1.3153068	1.6854314	1.1693962	0.9739539	1.0924843
7125000000	2.565634	-1.308996939	1.228031513	1.735249642	-0.996161244	-0.398608473	1.3267929	1.4911625	0.7950307	0.9123031	0.5358634
7125000000	2.565634	-1.256637061	1.650528734	1.375598624	-2.302437457	-0.515021475	1.4623552	1.3726502	0.5885133	0.8881736	0.3258776
7125000000	2.565634	-1.204277184	2.514874482	1.558232544	-1.826575094	0.19402704	1.7843804	1.4316052	0.6566629	1.0456809	0.8975837
7125000000	2.565634	-1.151917306	3.296079581	1.906665034	-1.289959748	1.038553054	2.1360315	1.5511954	0.743026	1.2701509	1.5384574
7125000000	2.565634	-1.099557429	3.544737875	1.869542565	-2.486569905	1.032534548	2.261902	1.5379936	0.564083	1.2683919	1.0463212
7125000000	2.565634	-1.047197551	3.22180635	1.356399911	-5.123825259	-0.042324681	2.0998131	1.3665955	0.3073889	0.903222	0.7591811
7125000000	2.565634	-0.994837674	2.613548247	0.8028591	-6.335706446	-1.566499581	1.8253865	1.2030562	0.2325034	0.6971882	-0.0456947
7125000000	2.565634	-0.942477796	2.038738083	0.722616188	-4.801751145	-2.481837315	1.5990933	1.1810319	0.3309976	0.5646978	-0.3877052
7125000000	2.565634	-0.890117919	1.52649283	0.935161542	-3.372524712	-2.459666543	1.4211806	1.2402698	0.4599891	0.5675882	-0.3514808
7125000000	2.565634	-0.837758041	0.865741939	0.831139857	-3.552539768	-2.850980666	1.2206023	1.2109159	0.4413123	0.5955277	-0.6193605
7125000000	2.565634	-0.785398163	0.009544767	0.218564111	-4.669705543	-2.770091009	1.0022002	1.051641	0.341216	0.5284342	-1.3616216
7125000000	2.565634	-0.733038286	-0.759811014	-0.277150278	-5.024549606	-4.071824098	0.8394965	0.9381774	0.3144453	0.5915774	-2.0696146
7125000000	2.565634	-0.680678408	-1.188837932	0.040675417	-4.251008775	-4.48721436	0.7605297	1.0094099	0.3757501	0.3585955	-2.0385094
7125000000	2.565634	-0.628318531	-1.357877217	0.537694797	-3.765443122	-3.995282524	0.7314965	1.1317995	0.4201997	0.3858398	-1.7359547
7125000000	2.565634	-0.575958653	-1.501581411	0.421599652	-4.267390048	-4.916200538	0.707688	1.1019451	0.3743355	0.3223888	-2.0301698
7125000000	2.565634	-0.523598776	-1.817290322	-0.240983514	-5.349950245	-7.665862412	0.6580683	0.9460229	0.291746	0.1711645	-2.8671914
7125000000	2.565634	-0.471238898	-2.370953469	-0.87228448	-6.397373603	-8.720634001	0.5793015	0.8180345	0.2292253	0.1324569	-3.9634549
7125000000	2.565634	-0.41887902	-3.070359591	-1.228955831	-7.38728365	-7.57458886	0.493133	0.7535367	0.1825307	0.1747999	-3.9686287
7125000000	2.565634	-0.366519143	-3.857304589	-1.602252922	-8.516987427	-8.279806928	0.411405	0.6914722	0.1407023	0.1486002	-3.5863471
7125000000	2.565634	-0.341159265	-4.787127595	-2.263339618	-8.805088716	-10.50249404	0.332114	0.5938353	0.1316713	0.089074	-5.4261219
7125000000	2.565634	-0.261799388	-5.651942028	-3.358667002	-8.257784937	-10.4294296	0.2721484	0.4614592	0.1493556	0.0905856	-6.1370228
7125000000	2.565634	-0.20943951	-6.062375432	-4.778992536	-8.529298047	-9.972164461	0.2476067	0.3327367	0.140304	0.100643	-6.8756319
7125000000	2.565634	-0.157079633	-6.101698174	-5.984628146	-9.350214505	-10.79398622	0.2453749	0.2520793	0.1161391	0.0832916	-7.5889888
7125000000	2.565634	-0.104719755	-6.005905134	-6.670727454	-9.474928263	-9.358068248	0.2508473	0.2152421	0.1128515	0.1159293	-7.6015631
7125000000	2.565634	-0.052359878	-5.975822109	-6.999876015	-9.295831453	-9.758478853	0.252591	0.1995319	0.117576	0.1600118	-7.3894937
7125000000	2.565634	-4.44E-16	-6.404297509	-6.929235034	-9.885710224	-7.705971605	0.2288602	0.202804	0.1026666	0.169591	-7.5453561
7125000000	2.565634	0.052359878	-5.7527299494	-6.849377363	-10.81351128	-6.104059896	0.1767136	0.2065676	0.082918	0.2452415	-7.4992123
7125000000	2.565634	0.104719755	-9.116398352	-7.612495653	-11.66862179	-5.026013826	0.1225632	0.1732808	0.0680985	0.3143393	-7.7064982
7125000000	2.565634	0.157079633	-10.45590156	-9.614433629	-12.3133956	-6.06773284	0.0900347	0.109284	0.0584602	0.2473015	-8.9869498
7125000000	2.565634	0.20943951	-10.5681988	-11.6851748	-10.97926757	-6.637573538	0.0877365	0.0678395	0.0798129	0.1689016	-9.465522
7125000000	2.565634	0.261799388	-9.353029362	-10.32359473	-8.36417476	-4.641750036	0.1160639	0.0928198	0.1457413	0.3434195	-7.5817691
7125000000	2.565634	0.314159265	-7.14981192	-6.701021721	-3.292008864	-3.852208864	0.1637076	0.1927608	0.2137459	0.4685966	-5.8920386
7125000000	2.565634	0.366519143	-6.775901333	-4.694697015	-6.282965944	-2.906492143	0.2100922	0.3392582	0.2353441	0.5120953	-4.8919042
7125000000	2.565634	0.41887902	-6.165300969	-3.070736686	-5.802655299	-2.702858773	0.2418076	0.4393092	0.2628654	0.5636784	-4.6110964
7125000000	2.565634	0.471238898	-5.714230424	-1.91789075	-4.409190551	-2.593308474	0.268273	0.6429999	0.3623105	0.5503882	-3.410419
7125000000	2.565634	0.523598776	-4.948782565	-1.032082074	-3.110398194	-2.428417933	0.3199792	0.788482	0.4886076	0.5716869	-2.6184937
7125000000	2.565634	0.575958653	-3.833309959	-0.4024							

7125000000	2.565634	2.932153143	-11.04327471	-8.558864882	-7.318103014	-11.07451998	0.0786453	0.1393521	0.1854341	0.0780815	-9.19452
7125000000	2.565634	2.984513021	-12.25894764	-9.412822676	-9.483215117	-9.776226071	0.0594436	0.1144769	0.1126363	0.1052876	-10.089463
7125000000	2.565634	3.036872899	-16.66780505	-11.84687485	-11.89488679	-11.49903905	0.0215387	0.0653601	0.040786	0.0780102	-13.043103
7125000000	2.565634	3.089232776	-21.4448951	-16.16653888	-17.0999555	-19.96457069	0.0071699	0.0241731	0.0194895	0.1000819	-18.172709
7125000000	2.565634	3.141592654	-19.13630035	-19.90078187	-14.50141615	-19.67111009	0.0122003	0.1012311	0.0354698	0.0107867	-17.6518
7125000000	2.617993878	-13.51492654	-19.13630005	-19.9007818	-14.50141579	-19.67110979	0.0122003	0.1012311	0.0354698	0.0107867	-17.6518
7125000000	2.617993878	-3.089232776	-18.87253007	-17.9322251	-14.85639816	-18.7834454	0.0129642	0.1060982	0.0326859	0.013221	-17.721762
7125000000	2.617993878	-3.036872899	-14.49072809	-13.87612717	-16.44190581	-11.81949805	0.0355572	0.0409626	0.0226887	0.0657734	-13.846239
7125000000	2.617993878	-2.984513021	-10.41085133	-12.3670741	-11.37826143	-7.847900128	0.0909735	0.0579819	0.0728071	0.1641383	-10.155843
7125000000	2.617993878	-2.932153143	-8.442283481	-12.32647508	-9.458787519	-8.392601174	0.1431435	0.0585265	0.1132717	0.1447904	-9.3955517
7125000000	2.617993878	-2.879793266	-7.435832371	-10.78754463	-10.96879479	-10.08775626	0.1804749	0.0834153	0.0800056	0.0979996	-9.5674052
7125000000	2.617993878	-2.827433388	-6.731539111	-9.17766948	-14.85539569	-8.247499217	0.2122492	0.1208463	0.0326934	0.1497097	-8.8983244
7125000000	2.617993878	-2.775073511	-6.415936191	-8.847143677	-17.86948493	-7.716809155	0.2282477	0.1304024	0.0163325	0.1691683	-8.6634064
7125000000	2.617993878	-2.722713633	-6.714064413	-8.947620997	-15.03067733	-9.152014746	0.213105	0.1274201	0.0314002	0.1215622	-9.087839
7125000000	2.617993878	-2.670353756	-7.201583595	-8.739900197	-12.34923186	-9.756416237	0.1904766	0.1336626	0.0582206	0.105769	-9.1352552
7125000000	2.617993878	-2.617993878	-6.987058501	-8.53717446	-10.54221794	-7.945512751	0.2001217	0.1400498	0.0882629	0.1604903	-8.3200023
7125000000	2.617993878	-2.565634	-6.214501346	-8.987853119	-9.148365538	-8.582951104	0.2309836	0.1262451	0.1216644	0.2598393	-7.2883678
7125000000	2.617993878	-2.513274123	-5.511086536	-10.26186198	-7.767225235	-5.390709342	0.2811197	0.0941486	0.1672159	0.2890208	-6.8219514
7125000000	2.617993878	-2.460914245	-4.882645225	-11.28121381	-6.045873032	-6.532281795	0.3248894	0.0744524	0.2485494	0.2222142	-6.6248816
7125000000	2.617993878	-2.408554368	-4.532608603	-10.49477159	-5.28863255	-7.648428148	0.3521593	0.0892325	0.2958941	0.171853	-6.4342976
7125000000	2.617993878	-2.35619449	-4.847218256	-8.712711005	-6.459734118	-7.823498193	0.3275504	0.134502	0.2259574	0.1650632	-6.7107376
7125000000	2.617993878	-2.303834613	-5.463730434	-7.264162829	-9.025942059	-7.480319089	0.2842019	0.1877516	0.1251428	0.1786356	-7.1234832
7125000000	2.617993878	-2.251474735	-5.337658926	-6.482189021	-10.51029788	-7.047392619	0.2952729	0.2247921	0.088914	0.1973607	-6.9699857
7125000000	2.617993878	-2.199114858	-4.556842535	-6.226359689	-10.11397121	-7.23052286	0.3501997	0.2384317	0.0974099	0.1892116	-6.5992647
7125000000	2.617993878	-2.14675495	-4.124557453	-6.141149661	-9.942090508	-6.879665576	0.3868515	0.234156	0.1013423	0.205132	-6.3650602
7125000000	2.617993878	-2.094395102	-3.96078634	-6.038708114	-9.717862511	-4.646222962	0.401728	0.2489598	0.1067121	0.343066	-5.6048338
7125000000	2.617993878	-2.042035225	-3.370030545	-6.251406926	-7.799894899	-2.452172902	0.4602533	0.2370606	0.1659627	0.5685684	-4.4616399
7125000000	2.617993878	-1.989675347	-2.68446965	-7.036731927	-6.376257838	-1.16890961	0.5389557	0.1978458	0.2303426	0.7640276	-3.6371987
7125000000	2.617993878	-1.93731547	-2.628542637	-8.044288031	-6.25600382	-6.065249855	0.545941	0.1568813	0.2174872	0.8699114	-3.4915336
7125000000	2.617993878	-1.884955592	-3.183305192	-8.67989835	-6.985895777	-0.715222658	0.4804735	0.1355193	0.2001753	0.8481599	-3.8082108
7125000000	2.617993878	-1.832595715	-3.43684059	-8.699441622	-5.913261023	-1.356900581	0.4532272	0.1349136	0.2562559	0.7316611	-4.0480785
7125000000	2.617993878	-1.780235837	-2.680169561	-7.851485432	-4.302149482	-1.816703558	0.5349896	0.1640029	0.3713514	0.6581752	-3.6236117
7125000000	2.617993878	-1.72787596	-1.673942558	-6.392528961	-3.015531737	-1.557393975	0.6801516	0.2294812	0.499398	0.6986515	-2.7824535
7125000000	2.617993878	-1.675516082	-1.250561219	-5.136975343	-2.091076237	-1.352919189	0.7497973	0.3064097	0.6178633	0.7323321	-2.069175
7125000000	2.617993878	-1.623156204	-1.446907049	-4.197770863	-1.703617068	-2.082934729	0.7166536	0.3803846	0.6755201	0.6190226	-2.233749
7125000000	2.617993878	-1.570796327	-1.609941258	-3.104365779	-1.850105247	-3.298815618	0.6902491	0.4892867	0.6531147	0.4678627	-2.4023524
7125000000	2.617993878	-1.518436449	-0.989484373	-1.641317897	-1.51465754	-3.321083353	0.7962539	0.6852802	0.7055605	0.4654699	-1.7839403
7125000000	2.617993878	-1.466076572	0.23094612	-0.211053304	-0.218511369	-1.821098152	1.0546166	0.9525651	0.9509307	0.6754916	-0.4387914
7125000000	2.617993878	-1.413716694	1.223536032	0.667823597	0.795534201	-0.298526555	1.3254203	1.166225	1.2010288	0.933571	0.6316864
7125000000	2.617993878	-1.361356817	1.522542144	0.85453971	0.275600382	0.245203101	1.4198884	1.217458	1.0655162	1.0580084	0.7563335
7125000000	2.617993878	-1.30896939	1.324261768	0.635644441	-1.636248752	-0.047741293	1.3565199	1.1576158	0.6860806	0.9890674	-0.007978
7125000000	2.617993878	-1.256637061	1.312106656	0.551575723	-0.281943692	-0.281943692	1.3527286	1.1354227	0.5147381	0.9371428	-0.2660793
7125000000	2.617993878	-1.204277184	1.927792825	0.915233178	-2.045431355	0.23898685	1.5587601	1.2345916	0.6243913	1.056571	-0.4666647
7125000000	2.617993878	-1.151917306	2.751505609	1.399948277	-0.241263709	0.956235964	1.8843022	1.3803678	0.7514042	1.2463029	-1.1912198
7125000000	2.617993878	-1.099557429	3.117584804	1.50970386	-2.203299324	0.85862975	2.0500218	1.4156972	0.602102	1.2186051	-1.2101227
7125000000	2.617993878	-1.047197551	2.817339845	1.154455002	-4.344868583	-0.292819074	1.9130838	1.3045043	0.3601746	0.9437987	-0.5236313
7125000000	2.617993878	-0.994837674	2.132764085	0.754966463	-5.278598123	-1.73986392	1.6340916	1.1898621	0.2965789	0.6699056	-0.2337057
7125000000	2.617993878	-0.942477796	1.49592403	0.788223587	-3.802100987	-2.393051625	1.4112125	1.1990088	0.4166678	0.5763613	-0.45365517
7125000000	2.617993878	-0.890117919	1.011279801	1.00272378	-2.74184543	-2.310952917	1.2621994	1.2597152	0.565694	0.5873605	-0.368063
7125000000	2.617993878	-0.837758041	0.425074297	0.776880109	-2.661164734	-2.258637036	1.1028271	1.1958811	0.5418556	0.5944787	-0.6612789
7125000000	2.617993878	-0.785398163	-0.372625518	-0.010884112	-0.86641486	-2.842511013	0.9177776	0.997497	0.5105039	0.5196954	-1.4720662
7125000000	2.617993878	-0.733038286	-1.09712711	-0.587553394	-0.453554192	-4.004054202	0.7767608	0.8734633	0.3586283	0.3977357	-2.2065827
7125000000	2.617993878	-0.680678408	-1.429425573	-0.218172322	-0.049671871	-4.379632277	0.7195441	0.9510049	0.3935798	0.3647848	-2.166249
7125000000	2.617993878	-0.628318531	-1.428849671	-0.317900067	-3.756327493	-0.69795176	0.7196396	1.0759448	0.4210826	0.3917604	-1.8568125
7125000000	2.617993878	-0.57598653	-1.42738989	0.246025735	-5.074039643	-0.3670919	0.7198815	1.0582848	0.3670919	0.3108823	-1.2180677
7125000000	2.617993878	-0.523598776	-1.730384799	-0.283530918	-5.9356859	-7.644003353	0.6713694	0.9368001	0.2792821	0.1720822	-2.8830246
7125000000	2.617993878	-0.471238898	-2.404320849	-0.715942837	-6.646091507	-8.398148326	0.5748677	0.8480193	0.2164666	0.1466056	-3.5067508
7125000000	2.617993878	-0.41887902	-3.254678036	-0.907096457	-7.51279045	-7.333036492	0.4726419	0.8115034	0.177305	0.1847976	-3.8556476
7125000000	2.617993878	-0.366519143	-4.07327494	-1.186534461	-8.336686827	-8.026888326	0.3914466	0.7609332	0.1466683	0.1575111	-4.3873184
7125000000	2.617993878	-0.314159265	-4.816739335	-1.871044492	-8.421284647	-10.08348487	0.3298573	0.6499734	0.1438373	0.098096	-5.1507267
7125000000	2.617993878	-0.261799388	-5.394001308	-3.116299619	-7.951512797	-10.13543354	0.2888018	0.4879441	0.1602687	0.0969297	-5.8758269
7125000000	2.617993878	-0.20943951	-5.712766416	-4.697119136	-8.359726067	-9.744520226	0.2683634	0.390609	0.1458906	0.1060591	-6.7873685
7125000000	2.617993878	-0.157079633	-5.878210669	-5.91995145	-9.31664153	-10.43776598	0.2583324	0.2558614	0.1170404	0.0904114	-7.4373594
7125000000	2.617993878	-0.104719755	-5.935289016	-6.533274082	-9.50546538	-9.226768916	0.2549594	0.2221634	0.1120607	0.1194877	-7.5167535
7125000000	2.617993878	-0.052359878	-5.988501101	-6.864282049	-9.308263437	-7.98506294	0.2518546	0.2058599	0.1172664	0.1590354	-7.3635429
7125000000	2.617993878	-4.44E-16	-6.404297362	-6.929235228	-9.885710489	-7.705971762	0.2288602	0.202804	0.1026665	0.169591	-7.5453562
7125000000	2.617993878	0.052359878	-7.383388134	-7.05130825	-10.84152432	-6.116161692	0.1826675	0.1971829	0.0823849	0.2445591	-7.5276694
7125000000	2.617993878	0.04719755	-8.648153739	-8.0							

7125000000	2.617993878	2.513274123	-14.12213369	-5.606108778	-9.214202395	-10.50282448	0.0387067	0.2750357	0.1198339	0.0890671	-8.838544
7125000000	2.617993878	2.565634	-15.08594464	-7.513133786	-6.058637552	-6.93625446	0.0310031	0.177291	0.2478199	0.2024765	-7.8344452
7125000000	2.617993878	2.617993878	-14.76636511	-8.477918103	-6.482498002	-6.1497380	0.0333706	0.1419738	0.2359431	0.329232	-7.3252536
7125000000	2.617993878	2.670353756	-13.87228775	-8.878129759	-7.733095785	-5.407831229	0.0409988	0.1294753	0.1063835	0.2878836	-8.5024514
7125000000	2.617993878	2.722713633	-13.09818807	-9.517289014	-7.889172942	-7.889172942	0.0489983	0.1117561	0.0345522	0.2625858	-10.483075
7125000000	2.617993878	2.775073511	-13.2457243	-9.449730191	-17.35351998	-12.24815942	0.0473617	0.1135081	0.0183928	0.0595915	-12.239272
7125000000	2.617993878	2.827433388	-13.8784366	-8.617477656	-13.422758578	-15.06003048	0.0409408	0.137484	0.0454717	0.0311887	-11.953747
7125000000	2.617993878	2.879793266	-12.46652971	-8.251667466	-9.03258423	-13.39043128	0.0566692	0.1495661	0.1249515	0.0458096	-10.257227
7125000000	2.617993878	2.932153143	-11.16489969	-8.477699863	-8.289302469	-11.87792084	0.0764733	0.1419809	0.1482756	0.0648945	-9.6995401
7125000000	2.617993878	2.984513021	-12.31475089	-9.380966736	-10.42075113	-10.11938801	0.0586847	0.1153197	0.0907662	0.0972884	-10.9815129
7125000000	2.617993878	3.036872899	-16.84522153	-11.72597178	-14.60939427	-11.71662301	0.0206765	0.0672052	0.0345988	0.06735	-13.23694
7125000000	2.617993878	3.089232776	-21.71259469	-15.91507997	-17.2611663	-20.18235803	0.0067413	0.0256149	0.0187881	0.0095888	-18.18635
7125000000	2.617993878	3.141592654	-19.13630005	-19.9007818	-14.50141597	-19.67110979	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.670353756	-2.141592654	-19.13629986	-19.9007819	-14.50141597	-19.67111038	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.670353756	-3.089232776	-18.9431103	-18.62997779	-14.83825063	-18.81009886	0.0127552	0.0137089	0.0328227	0.0135159	-17.420885
7125000000	2.670353756	-3.036872899	-14.46969604	-14.91027575	-16.7480955	-11.99010543	0.0357298	0.0322829	0.0211442	0.0632396	-14.19085
7125000000	2.670353756	-2.984513021	-10.12107972	-13.61696852	-12.03103993	-08.29865748	0.0972505	0.0438414	0.0626464	0.1574032	-10.448158
7125000000	2.670353756	-2.932153143	-7.904017538	-13.59132034	-9.905594617	-8.482351041	0.162031	0.0437389	0.1011441	0.141829	-9.5006229
7125000000	2.670353756	-2.879793266	-6.853751184	-11.29119859	-11.08529199	-9.85581412	0.2063597	0.0472814	0.077888	0.1033757	-9.3750744
7125000000	2.670353756	-2.827433388	-6.463404033	-9.165188186	-14.30813778	-8.0490461	0.2257666	0.121194	0.037084	0.1567095	-8.969062
7125000000	2.670353756	-2.775073511	-6.706851492	-8.583259652	-16.46614284	-7.668216284	0.2134592	0.1385715	0.0225624	0.1710718	-8.6513395
7125000000	2.670353756	-2.722713633	-7.455160603	-8.407709686	-14.80353653	-9.181897653	0.1796735	0.1442876	0.0330862	0.1207286	-9.2283579
7125000000	2.670353756	-2.670353756	-7.788961406	-7.810558904	-12.772171901	-9.173218097	0.166381	0.1655557	0.0528115	0.1209701	-9.9815129
7125000000	2.670353756	-2.617993878	-7.014084033	-7.263334769	-10.67226898	-7.180262925	0.1988802	0.1877874	0.085659	0.191414	-7.8006156
7125000000	2.670353756	-2.565634	-5.845302857	-7.359867785	-5.808725628	-5.707111038	0.2602973	0.1836594	0.1279206	0.2624989	-6.8069807
7125000000	2.670353756	-2.513274123	-4.774287544	-8.189991547	-7.326532824	-5.945789408	0.3330974	0.1517053	0.1850746	0.2543437	-6.3628414
7125000000	2.670353756	-2.460914245	-3.98129298	-9.225687064	-7.017445505	-7.017445505	0.3998257	0.1195174	0.2709439	0.0632396	-6.3628414
7125000000	2.670353756	-2.408554368	-3.976628368	-9.547910776	-5.338971888	-7.517974299	0.4002554	0.1109709	0.2924845	0.1770935	-6.104777
7125000000	2.670353756	-2.35619449	-4.925123265	-8.633838943	-7.380159132	-7.581652784	0.3217271	0.1369671	0.1828033	0.1745158	-6.9036276
7125000000	2.670353756	-2.303834613	-5.660276398	-7.142500482	-11.72315823	-7.490994661	0.2716266	0.1390856	0.0672487	0.1781971	-7.5070496
7125000000	2.670353756	-2.251474735	-4.808437493	-6.019019042	-13.52348884	-7.265539963	0.3304884	0.250091	0.0444299	0.1686921	-6.9212896
7125000000	2.670353756	-2.199114858	-3.570959897	-5.587951138	-11.04633042	-7.661803334	0.4394445	0.2761881	0.0785899	0.1713246	-6.1728655
7125000000	2.670353756	-2.14675489	-3.190764815	-5.592222769	-9.563836435	-7.476884766	0.479649	0.2759165	0.1105652	0.1877769	-5.8298209
7125000000	2.670353756	-2.094395102	-3.488891153	-5.64969344	-8.571362709	-5.10077337	0.4478276	0.2722894	0.1389517	0.3089745	-5.346011
7125000000	2.670353756	-2.042035225	-3.554513065	-5.909736424	-7.004313869	-2.721287717	0.4411118	0.256464	0.1993382	0.5344059	-4.4632614
7125000000	2.670353756	-1.989675347	-3.333663312	-6.57983324	-6.145986525	-1.299602675	0.4641236	0.2197944	0.2428854	0.7413781	-3.978167
7125000000	2.670353756	-1.93731547	-3.42261882	-7.239492918	-6.387405878	-0.652401521	0.4547138	0.1888212	0.2297521	0.8605178	-3.7305979
7125000000	2.670353756	-1.884955592	-3.688262171	-7.505597931	-6.073102356	-0.730778944	0.427734	0.1775989	0.2340123	0.9839022	-3.6581704
7125000000	2.670353756	-1.832595715	-3.310576563	-7.561033451	-5.318689674	-1.393042919	0.4665974	0.1753643	0.2938536	0.7255974	-3.8158716
7125000000	2.670353756	-1.780253837	-2.039023595	-7.496794195	-4.043961974	-1.85589172	0.6253133	0.1775993	0.394099	0.6522451	-3.989142
7125000000	2.670353756	-1.72787596	-0.779440868	-7.294842879	-7.296590347	-1.531199475	0.8357106	0.18643	0.5252196	0.7028782	-2.4983146
7125000000	2.670353756	-1.675516082	-0.264920558	-6.966029922	-1.717354358	-1.210127496	0.940823	0.201093	0.6733867	0.7568107	-1.9716986
7125000000	2.670353756	-1.623156204	-0.461942606	-6.332739988	-1.7619021398	-1.761992981	0.8990953	0.2326623	0.7290375	0.6665008	-1.9940389
7125000000	2.670353756	-1.570796327	-0.625129768	-5.099787025	-1.777100457	-2.714504522	0.8659384	0.309467	0.6641864	0.5524212	-2.6635415
7125000000	2.670353756	-1.518436449	0.060809662	-3.321806444	-1.706319923	-2.559876439	1.0141194	0.4653925	0.6750998	0.5564615	-1.6921039
7125000000	2.670353756	-1.466076572	1.324174774	-1.562618999	-0.516745492	-1.134099916	1.3564928	0.6978115	0.8878211	0.770176	-1.4329977
7125000000	2.670353756	-1.413716694	2.262932237	-0.318514334	0.439692594	0.2544012	1.6838105	0.9292842	1.1065455	1.0603277	0.7736499
7125000000	2.670353756	-1.361356817	2.394958745	0.330985366	-0.15790934	0.717681894	1.7357848	1.0791916	0.9642931	1.1796908	0.9330363
7125000000	2.670353756	-1.308996939	1.893280157	0.644784367	-2.011892611	0.330724316	1.546422	1.1600546	0.96292319	1.0791267	0.82435
7125000000	2.670353756	-1.256637061	1.422325528	1.025675943	-2.86316434	-0.133814242	1.3874986	1.2663904	0.518046	0.969658	0.5107142
7125000000	2.670353756	-1.204277184	1.534358672	1.647558496	-1.693722011	0.060796855	1.423757	1.4613554	0.6769597	1.0140974	0.5844211
7125000000	2.670353756	-1.151917306	2.006977658	2.211074953	-0.750752296	0.552970037	1.5874416	1.6638244	0.8412494	1.1357873	1.1630074
7125000000	2.670353756	-1.099557429	2.167369126	2.314199585	-1.475210939	0.349117657	1.6471643	1.7038053	0.7119982	1.0837067	1.0946671
7125000000	2.670353756	-1.047197551	1.711538107	1.89682239	-3.253604482	-0.784352687	1.4830432	1.5476838	0.4727587	0.834766	0.3525476
7125000000	2.670353756	-0.994837674	0.926025283	1.366541409	-7.322012013	-1.906761301	1.2376631	1.3697905	0.4101832	0.6446498	-0.3830763
7125000000	2.670353756	-0.942477796	0.319521137	1.182819025	-2.641890414	-2.082364167	1.0763465	1.3130519	0.5442657	0.619104	-0.5149313
7125000000	2.670353756	-0.890117919	0.003957482	1.104246364	-1.550959522	-1.903818285	1.0009117	1.2895098	0.6996874	0.6450868	-0.415322
7125000000	2.670353756	-0.837758041	-0.343964274	0.532159822	-1.838206609	-2.080465709	0.9238545	1.1303579	0.6551156	0.6193747	-0.7978499
7125000000	2.670353756	-0.785398163	-0.895070624	-0.615298397	-3.081742602	-2.824421819	0.8137536	0.8679009	0.4918421	0.5128466	-1.71443
7125000000	2.670353756	-0.733038286	-1.429277188	-1.380806031	-3.968664865	-3.862191974	0.7195687	0.7276447	0.40099	0.4109423	-2.4811575
7125000000	2.670353756	-0.680678408	-1.648798522	-0.919311426	-3.867173787	-4.219094962	0.6841009	0.8092242	0.4104711	0.3785215	-2.436839
7125000000	2.670353756	-0.628318531	-1.563224012	-0.254333189	-3.720053478	-4.205592871	0.6977143	0.9431194	0.4246143	0.3797001	-2.1375483
7125000000	2.670353756	-0.575958653	-1.515975147	-0.195261983	-4.392599836	-5.394567071	0.7053465	0.956035	0.3636972	0.2887642	-2.3772613
7125000000	2.670353756	-0.523598776	-1.854301242	-0.509844152	-5.683717412	-7.74133127	0.652484	0.892023	0.2701645	0.1682158	-3.0537345
7125000000	2.670353756	-0.471218898	-2.626350509	-0.666219813	-7.937936224	-8.054625105	0.5462167	0.8577842	0.2071125	0.1565083	-3.5467067
7125000000	2.670353756	-0.41887902	-3.557649037	-0.621993779	-6.533101342	-7.060781518	0.4407934	0.866564	0.1764777	0.1967532	-3.5769865
7125000000	2.670353756	-0.366519143	-4.322875447	-0.771753468	-8.028654409	-7.776440807	0.3695834	0.8371912	0.1574471	0.1668614	-4.1706124
7125000000	2.670353756	-0.314159265									

7125000000	2.670353756	2.094395102	-7.451295953	-6.178625758	-5.670170805	-5.155079004	0.1798334	0.2410668	0.2710085	0.3051351	-6.0334576
7125000000	2.670353756	2.14675498	-8.192209391	-8.396074801	-8.385982487	-6.304755617	0.1516279	0.1446747	0.1450113	0.2341663	-7.724474
7125000000	2.670353756	2.199114858	-9.140367865	-8.990306425	-7.926939741	-10.137084	0.1218886	0.1261739	0.1611781	0.0968928	-8.9779499
7125000000	2.670353756	2.251474735	-9.809044012	-8.229248121	-4.314208644	-14.01793521	0.104495	0.1503402	0.3703217	0.0396466	-7.7936665
7125000000	2.670353756	2.303834613	-10.00642962	-7.297066827	-2.740481328	-10.43425082	0.0998521	0.1863345	0.5320493	0.0904847	-6.4362582
7125000000	2.670353756	2.35619449	-10.2751379	-6.090886179	-3.571620252	-7.83589679	0.0938612	0.2458666	0.4393777	0.1645927	-6.2717171
7125000000	2.670353756	2.408554368	-10.8595846	-4.910228401	-6.275130295	-7.620353145	0.082043	0.3298234	0.2357691	0.1729676	-6.9164257
7125000000	2.670353756	2.460914245	-11.3897022	-4.749751975	-9.765605441	-9.82627053	0.0726156	0.3349846	0.1055454	0.1040814	-8.1161512
7125000000	2.670353756	2.513274123	-11.48814699	-5.797656208	-9.164575635	-11.28757706	0.0709881	0.2631688	0.1212111	0.0743434	-8.7802072
7125000000	2.670353756	2.565634	-11.33607064	-7.078341643	-6.741822167	-8.266773938	0.0735179	0.1959593	0.2117473	0.1490468	-8.0253254
7125000000	2.670353756	2.617993878	-11.41858152	-7.687397897	-6.864025649	-6.906963287	0.0722143	0.1703179	0.2058721	0.2038467	-7.8769855
7125000000	2.670353756	2.670353756	-12.13307235	-8.320731544	-9.630797908	-7.273220109	0.0611917	0.1472065	0.108873	0.1873605	-8.9908549
7125000000	2.670353756	2.722713633	-13.18072868	-9.417396798	-14.23225651	-8.622257509	0.0480759	0.1143564	0.0377376	0.1373328	-10.737828
7125000000	2.670353756	2.775073511	-14.49191331	-9.679811991	-18.86861167	-12.69258645	0.0355475	0.1076512	0.0129759	0.0537949	-12.799037
7125000000	2.670353756	2.827433388	-15.20050436	-8.769491406	-14.0777152	-18.97632656	0.030196	0.132755	0.0391101	0.0126581	-12.701893
7125000000	2.670353756	2.879793266	-12.77588454	-8.273723067	-9.901371907	-15.71273569	0.052773	0.1488085	0.102297	0.0268365	-10.826061
7125000000	2.670353756	2.932151343	-11.21551163	-8.51100887	-9.372757521	-12.88036959	0.0575873	0.1408961	0.1155378	0.0515185	-10.182496
7125000000	2.670353756	2.984513021	-12.42690823	-9.432730734	-11.49089003	-10.54518153	0.0571886	0.1139533	0.0709432	0.0882027	-10.831675
7125000000	2.670353756	3.036872899	-17.08991504	-11.66133004	-15.41214265	-12.00175785	0.0195438	0.068213	0.0287598	0.0630702	-13.477857
7125000000	2.670353756	3.089232776	-21.98937436	-15.69809771	-17.41796126	-20.44680179	0.006325	0.0629721	0.0181219	0.0900224	-18.210487
7125000000	2.670353756	3.141592654	-19.13629986	-19.9007819	-14.50141597	-19.67111038	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.722713633	3.141592654	-19.13630011	-19.9007815	-14.50141645	-19.67110981	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.722713633	-3.089232776	-19.02145789	-19.42008283	-14.81528197	-18.82997594	0.0125272	0.0114286	0.0329968	0.0130197	-17.566862
7125000000	2.722713633	-3.036872899	-14.48984348	-16.15080747	-17.03113461	-12.20013082	0.0355644	0.0242616	0.0198101	0.0602541	-14.56722
7125000000	2.722713633	-2.984513021	-9.93268904	-15.13184822	-12.79329834	-8.231692186	0.101562	0.0306772	0.0525618	0.1025556	-10.769419
7125000000	2.722713633	-2.932151343	-7.597810283	-15.14628584	-10.59186848	-8.528707928	0.1738677	0.0305753	0.0872596	0.1403231	-9.6655034
7125000000	2.722713633	-2.879793266	-6.50612912	-12.02706469	-11.40809668	-9.585520012	0.2162413	0.0627038	0.0723087	0.110014	-9.3810689
7125000000	2.722713633	-2.827433388	-6.624850016	-9.492047201	-14.07932234	-7.932187926	0.2157259	0.1124075	0.0390902	0.1606934	-8.7777671
7125000000	2.722713633	-2.775073511	-7.266104178	-8.785795598	-15.78728577	-7.690812209	0.1876677	0.1322575	0.0263798	0.170184	-8.8899885
7125000000	2.722713633	-2.722713633	-7.93395619	-8.418016892	-14.84317008	-9.087581626	0.1609179	0.1439456	0.0327856	0.1233792	-9.3832246
7125000000	2.722713633	-2.670353756	-7.651300892	-7.451643655	-13.05673268	-8.440234144	0.1717394	0.179819	0.0494682	0.1432111	-9.6627134
7125000000	2.722713633	-2.617993878	-6.645642488	-6.617129181	-10.6511923	-6.480237194	0.216489	0.217915	0.0860757	0.2248932	-7.2968642
7125000000	2.722713633	-2.565634	-5.516066272	-6.47911903	-8.764790265	-5.836599691	0.2807976	0.2249511	0.1329013	0.2608195	-6.4807359
7125000000	2.722713633	-2.513274123	-4.348686639	-6.936535579	-7.118551436	-6.601879476	0.3673934	0.2024634	0.1941533	0.2186815	-6.0964275
7125000000	2.722713633	-2.460914245	-3.582593482	-7.534885135	-5.643017843	-7.232444793	0.4382689	0.1764052	0.2727082	0.1891279	-5.7004184
7125000000	2.722713633	-2.408554368	-3.832087651	-7.970797919	-5.779841242	-6.796260237	0.4138007	0.1595586	0.2642505	0.2091096	-5.6222027
7125000000	2.722713633	-2.35619449	-4.879536392	-8.023898929	-8.766535825	-6.560248149	0.325122	0.1576196	0.1328454	0.2207879	-7.7965906
7125000000	2.722713633	-2.303834613	-5.228738619	-7.42843346	-15.16296256	-6.392685643	0.3000034	0.1807826	0.0304582	0.2294729	-6.7324674
7125000000	2.722713633	-2.251474735	-4.434158312	-6.664196258	-14.26078317	-6.183279361	0.3602336	0.2155661	0.0374905	0.2408086	-6.7055188
7125000000	2.722713633	-2.199114858	-3.781652343	-6.410980079	-10.12626007	-6.838139054	0.4186343	0.2285083	0.0971346	0.2071029	-6.7327056
7125000000	2.722713633	-2.14675498	-3.941403968	-6.625192001	-8.337680174	-7.612777076	0.4035149	0.2175108	0.1466331	0.1732696	-6.2850343
7125000000	2.722713633	-2.094395102	-4.613938913	-6.790219934	-7.353451715	-6.045569579	0.3456258	0.2094006	0.183931	0.2485668	-6.0751228
7125000000	2.722713633	-2.042035225	-4.654995243	-6.866146198	-7.27996147	-3.742385069	0.3423738	0.2057716	0.2356136	0.4224366	-5.2064228
7125000000	2.722713633	-1.989675347	-3.949108801	-7.010755581	-5.743459537	-2.68548534	0.4027997	0.1990327	0.2664735	0.5931235	-4.3728215
7125000000	2.722713633	-1.93731547	-3.455338849	-6.888600478	-5.839358407	-1.593348541	0.4513008	0.2047104	0.2606539	0.6928414	-3.9535378
7125000000	2.722713633	-1.884955592	-3.280685701	-6.458954003	-5.682236473	-1.695306097	0.4698199	0.225998	0.2702566	0.6768141	-3.8645186
7125000000	2.722713633	-1.832595715	-2.786193143	-5.940796367	-5.006647119	-2.365245562	0.5264786	0.2546363	0.3157441	0.5800634	-3.7754703
7125000000	2.722713633	-1.780235837	-1.592103411	-5.239504025	-2.671500771	-2.643539423	0.69309	0.2992606	0.4002994	0.5440595	-3.1499558
7125000000	2.722713633	-1.72787596	-0.324083756	-4.488103606	-3.664070996	-1.885560122	0.9280933	0.3557866	0.5414931	0.6407804	-2.088047
7125000000	2.722713633	-1.675516082	0.233309292	-3.9818809	-1.498621544	-1.130219223	1.0551906	0.3997716	0.7081705	0.7706654	-1.3460028
7125000000	2.722713633	-1.623156204	0.027147819	-3.644757774	-1.298697449	-1.268156154	1.0062706	0.4320403	0.7415326	0.7478647	-1.3659256
7125000000	2.722713633	-1.570796327	-0.168014566	-3.025707177	-1.976177216	-1.851267576	0.962052	0.4982293	0.6344279	0.65294	-1.6309871
7125000000	2.722713633	-1.518436449	0.458898558	-1.83507239	-2.09057239	-1.651284395	1.1114498	0.6553794	0.6179413	0.6837094	-1.1513672
7125000000	2.722713633	-1.466076572	1.575972334	-0.442785038	-0.898233148	-0.470799726	1.4374648	0.9030702	0.8131613	0.8972636	0.0549795
7125000000	2.722713633	-1.413716694	2.326434258	0.616407559	0.112114963	-0.698319529	1.7086119	1.1524995	1.0261515	1.174443	0.1259629
7125000000	2.722713633	-1.361356817	2.315900427	1.163902303	-0.36308808	1.038424858	1.7044727	1.3073451	0.9197953	1.2701134	1.1408751
7125000000	2.722713633	-1.30896939	1.789513129	1.396758523	-1.827830384	0.516142342	1.5099109	1.7935454	0.6564731	1.1261967	0.6407638
7125000000	2.722713633	-1.256637061	1.34985507	1.724023525	-1.97188664	-0.214798328	1.3645376	1.4873129	0.6029498	0.951744	0.4023815
7125000000	2.722713633	-1.204277184	1.332428161	2.325731538	-0.989853081	-0.355177548	1.3590731	1.7083355	0.7961863	0.9214722	0.7782804
7125000000	2.722713633	-1.151917306	1.496907488	2.859778174	-0.092471471	-0.045533279	1.4115321	1.9318696	0.9789327	0.9895703	1.2319029
7125000000	2.722713633	-1.099557429	1.356279845	2.894939875	-0.668318236	-0.216789048	1.3665577	1.9475983	0.8573698	0.9513079	1.0745027
7125000000	2.722713633	-1.047197551	0.730687387	2.392475521	-1.048819351	-1.048819351	1.1832288	1.7347926	0.6154826	0.7854491	0.333185
7125000000	2.722713633	-0.994837764	-0.051140542	1.808460595	-2.605277269	-1.554575191	0.9882935	1.5165127	0.5488735	0.6991051	-0.2770632
7125000000	2.722713633	-0.94247796	-0.504779905	1.577499388	-1.638815789	-1.276186921	0.8902706	1.4377904	0.6856743	0.7453861	-0.2695286
7125000000	2.722713633	-0.890117919	-0.595473373	1.387182476	-0.832901518	-1.116592438	0.8718719	1.3761163	0.8271987	0.7372871	-0.1674887
7125000000	2.722713633	-0.837758041	-0.71637994	0.645726574	-1.267297058	-1.616853471	0.8479339	1.1603063	0.7469135	0.6891514	-0.6407887
7125000000	2.722713633	-0.785398163	-1.102499374	-0.7193885	-2.629676496	-2.658551411	0.7758005	0.8473467	0.5457985	0.5421817	-1.6891006
7125000000	2.722713633	-0.73									

7125000000	2.722713633	1.675516082	-0.04095843	-0.293464817	-2.723458563	1.784948397	0.9906133	0.9346597	0.5341388	1.5083247	-0.0351717
7125000000	2.722713633	1.72787596	-1.102345471	-1.319282707	-3.624138154	1.089040055	0.775828	0.7380261	0.4340964	1.2850026	-0.9246058
7125000000	2.722713633	1.780235837	-2.040727259	-1.977713333	-4.289914331	0.147569259	0.6250615	0.6342035	0.3723991	1.034563	-1.7616287
7125000000	2.722713633	1.832595715	-2.499029453	-1.623810985	-4.14225574	-0.963018004	0.562467	0.6888043	0.3852818	0.8011212	-2.5129044
7125000000	2.722713633	1.884955592	-2.977456116	-1.009005593	-4.131435805	-2.514797672	0.5037956	0.7926828	0.3862393	0.5604285	-2.5120201
7125000000	2.722713633	1.93731547	-4.007403114	-0.93802364	-4.770032626	-4.80544371	0.3974291	0.805745	0.3334239	0.3307163	-3.3084255
7125000000	2.722713633	1.989675347	-5.49022643	-1.607479784	-5.110634605	-7.003107668	0.2824733	0.6960405	0.3082737	0.1938385	-4.3157209
7125000000	2.722713633	2.042035225	-6.777778922	-2.920972951	-5.275265877	-6.832122524	0.2100014	0.5103906	0.2968065	0.20739	-5.1406982
7125000000	2.722713633	2.094395102	-7.519939512	-4.792596885	-6.830217144	-5.953573075	0.1770134	0.3316961	0.207347	0.2538883	-6.153131
7125000000	2.722713633	2.14675498	-7.992724757	-7.058315485	-9.008679335	-6.623963678	0.158755	0.196865	0.1256413	0.2157523	-7.5768622
7125000000	2.722713633	2.199114858	-8.069384187	-8.972586344	-6.961852179	-9.464705378	0.1559774	0.1266897	0.2012866	0.1131174	-8.2603397
7125000000	2.722713633	2.251474735	-7.396863777	-9.281487709	-3.744089529	-13.89340228	0.1821015	0.1179916	0.4222708	0.0408	-7.1944215
7125000000	2.722713633	2.303834613	-6.712870597	-8.192573241	-2.594975116	-13.39817434	0.2131635	0.1516152	0.5501771	0.045728	-6.1947951
7125000000	2.722713633	2.35619449	-6.700881658	-6.733781946	-3.510006081	-10.79388245	0.2137528	0.2121396	0.4456556	0.0832936	-6.2212862
7125000000	2.722713633	2.408554368	-7.162819199	-5.66744486	-5.871440349	-10.23030167	0.1921844	0.2711787	0.2587355	0.0948353	-6.8987314
7125000000	2.722713633	2.460914245	-7.602006137	-5.601648098	-8.739765385	-10.6428227	0.1736998	0.2753184	0.1336668	0.0862418	-7.7668143
7125000000	2.722713633	2.513274123	-7.80217443	-6.301555913	-9.086182291	-9.947334576	0.1658756	0.2343389	0.1234189	0.10122	-8.0628178
7125000000	2.722713633	2.565634	-7.898300533	-6.780202471	-7.3024991	-9.620626377	0.1622445	0.2098842	0.1858126	0.1091373	-7.7788298
7125000000	2.722713633	2.617993878	-8.33403247	-7.003199447	-7.051936954	-10.66083974	0.1467563	0.1993793	0.1971543	0.0858487	-8.0328877
7125000000	2.722713633	2.670353756	-9.588271595	-7.848284635	-8.895381905	-9.299273868	0.1099443	0.1641238	0.128962	0.1175094	-8.8560627
7125000000	2.722713633	2.722713633	-11.41712259	-9.420354968	-13.0369155	-8.136758564	0.0721585	0.1142785	0.0496945	0.1535763	-10.113209
7125000000	2.722713633	2.775073511	-13.33327186	-10.05173334	-19.53751071	-10.88007856	0.0464165	0.0988159	0.0111237	0.0816568	-12.254596
7125000000	2.722713633	2.827433388	-14.36296776	-9.04184838	-14.59470288	-18.49471577	0.0366187	0.1246853	0.034716	0.0141426	-12.795046
7125000000	2.722713633	2.879793266	-12.43022474	-8.412633592	-10.77871499	-18.19367838	0.0571449	0.1441241	0.083585	0.051577	-11.249218
7125000000	2.722713633	2.932136313	-11.20319143	-8.651988743	-10.56624326	-14.04700285	0.075802	0.1363958	0.087776	0.0393822	-10.714044
7125000000	2.722713633	2.984513021	-12.60561905	-9.56301769	-12.69834545	-11.04520752	0.054883	0.1105855	0.0537236	0.0786103	-11.281317
7125000000	2.722713633	3.036872899	-17.40959383	-11.64711931	-16.30082156	-12.35474928	0.0181569	0.0684365	0.0234378	0.0581467	-13.76291
7125000000	2.722713633	3.089232776	-22.27310831	-15.5127316	-17.56494864	-20.75615891	0.005925	0.0281013	0.0175188	0.008402	-18.242911
7125000000	2.722713633	3.141592654	-19.13630011	-19.9007815	-14.50141645	-19.67110981	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.775073511	-3.141592654	-19.13630006	-19.90078173	-14.50141624	-19.67110978	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.775073511	-3.089232776	-20.31494873	-14.7842854	-18.84572655	-17.04572655	0.012293	0.0093005	0.0332015	0.0130445	-17.705729
7125000000	2.775073511	-3.036872899	-14.54657736	-17.65497572	-17.26982612	-12.44970288	0.0351028	0.0171594	0.0187507	0.0568892	-14.951822
7125000000	2.775073511	-2.984513021	-9.84389841	-16.97019046	-13.66707636	-8.456067579	0.1036598	0.02009	0.0429826	0.1426899	-11.15084
7125000000	2.775073511	-2.932153143	-7.503891109	-17.06074899	-11.3996224	-8.547218475	0.1776687	0.0196755	0.0724499	0.1397263	-9.8978451
7125000000	2.775073511	-2.879793266	-6.770434683	-13.09879211	-11.94514857	-9.316507838	0.2103568	0.0489915	0.0638977	0.117044	-9.5832117
7125000000	2.775073511	-2.827433388	-7.105055706	-10.2845814	-14.13448098	-7.903480278	0.1947576	0.0936573	0.0385969	0.1620511	-9.1269527
7125000000	2.775073511	-2.775073511	-7.805380054	-9.646268329	-15.58888328	-7.78618295	0.1657532	0.1084859	0.0276129	0.1664875	-9.3149921
7125000000	2.775073511	-2.722713633	-7.80636855	-9.244079851	-15.1244805	-8.919227551	0.1657155	0.1190123	0.0307292	0.182559	-9.5495787
7125000000	2.775073511	-2.670353756	-7.054393681	-7.923227359	-13.27146423	-7.783586012	0.1970428	0.1613159	0.0470819	0.1665871	-8.4464291
7125000000	2.775073511	-2.617993878	-6.317325512	-6.904687013	-10.71000573	-5.9483287	0.2334896	0.2039536	0.0849179	0.2541951	-7.1188714
7125000000	2.775073511	-2.565634	-5.489617451	-6.815688215	-8.925574364	-5.89635843	0.2852129	0.2081762	0.1280686	0.2572552	-6.5954949
7125000000	2.775073511	-2.513274123	-4.435065509	-7.307305543	-7.38534131	-7.262961886	0.3601583	0.1858957	0.1825848	0.1878036	-6.3995482
7125000000	2.775073511	-2.460914245	-3.872426629	-7.734990221	-6.167826538	-7.131782285	0.409975	0.1684616	0.241667	0.1856187	-9.9589181
7125000000	2.775073511	-2.408554368	-4.301953438	-8.017744225	-6.904977481	-6.304126358	0.3713682	0.2039399	0.2452378	0.1154846	
7125000000	2.775073511	-2.35619449	-5.052843581	-8.444288036	-1.31700041	-5.600665267	0.3124033	0.1430775	0.0740116	0.2753807	-9.6633262
7125000000	2.775073511	-2.303834613	-5.010681853	-8.73705578	-19.06102096	-5.188517337	0.3154509	0.1337502	0.0124136	0.3030291	-7.1860604
7125000000	2.775073511	-2.251474735	-4.767125094	-8.686313898	-12.29055756	-4.790797575	0.3336472	0.1353221	0.0590125	0.3318335	-6.6765482
7125000000	2.775073511	-2.199114858	-5.089180469	-8.903388778	-8.753016422	-5.392265617	0.3098004	0.1287245	0.1332596	0.2889172	-6.6720736
7125000000	2.775073511	-2.14675498	-5.83558973	-9.654793041	-7.36927323	-6.629154311	0.2608801	0.1082731	0.1832431	0.2173124	-7.1753352
7125000000	2.775073511	-2.094395102	-6.270576553	-10.30974945	-6.616529426	-6.176480553	0.2360165	0.0931162	0.2179451	0.2411859	-7.025885
7125000000	2.775073511	-2.042035225	-5.367714766	-10.3738678	-5.85562197	-4.648481055	0.2905551	0.0917515	0.2596832	0.3576975	-6.013583
7125000000	2.775073511	-1.989675347	-3.750161321	-9.661634674	-5.423831725	-3.299129808	0.4216808	0.1081027	0.2868261	0.4678289	-4.9334668
7125000000	2.775073511	-1.93731547	-2.794292186	-8.199012056	-5.403895938	-2.873703013	0.5254977	0.1513906	0.2881445	0.2519762	-4.3103028
7125000000	2.775073511	-1.884955592	-2.748945977	-6.910909784	-5.345044015	-3.182114484	0.5310133	0.2036615	0.2920758	0.4806053	-4.2384417
7125000000	2.775073511	-1.832595715	-2.87507037	-6.127886111	-4.915933718	-3.948963666	0.518138	0.2438998	0.3223329	0.4028129	-4.3037469
7125000000	2.775073511	-1.780235837	-2.211058235	-5.302044261	-3.951343842	-3.912545277	0.6010273	0.294982	0.4025924	0.4620052	-3.7038479
7125000000	2.775073511	-1.72787596	-1.058991928	-4.291342776	-2.533462057	-2.501861916	0.7836115	0.3722766	0.5580252	0.5621005	-2.4488515
7125000000	2.775073511	-1.675516082	-0.45646898	-3.524775141	-1.39377175	-1.223133418	0.9002292	0.4441427	0.7248736	0.7545476	-1.5122712
7125000000	2.775073511	-1.623156204	-0.623734924	-3.042342972	-1.406972563	-0.965915533	0.8644234	0.4963245	0.7232738	0.8005868	-1.4197311
7125000000	2.775073511	-1.570796327	-0.846008231	-2.370199679	-2.30830912	-1.291127258	0.8229988	0.5794021	0.5877181	0.7428263	-1.6542906
7125000000	2.775073511	-1.518436449	-0.332585039	-1.149182333	-2.460837883	-1.137507771	0.9262783	0.767506	0.5674351	0.7695719	-1.2053939
7125000000	2.775073511	-1.466076512	0.588497431	0.255385162	-1.147536708	-0.179838616	1.1451167	0.106058	0.767797	0.9594637	-1.0734511
7125000000	2.775073511	-1.413716694	1.184009939	1.257587087	0.007312878	0.838158333	1.313412	0.13358531	1.0016853	1.2128744	0.8491794
7125000000	2.775073511	-1.361356817	1.184287675	1.649044995	-0.202578813	1.117439315	1.313496	0.14618557	0.9544257	1.2934239	0.9892137
7125000000	2.775073511	-1.30896939	0.886513558	1.650287758	-1.209458445	0.516131472	1.226543	0.1462271	0.7569273	1.1261398	0.5803193
7125000000	2.775073511	-1.256637061	0.749630801	1.758354359	-1.345023459	-0.398898032	1.1884012	0.1991167	0.7336649	0.9122423	0.347713
7125000000	2.775073511	-1.204277184	0.911463419	2.228617571	-0.303575924	-0.71344857	1.2335204	0.1670588	0.9324862	0.8485091	0.6865651
7125000000	2.775073511	-1.175917306	1.132153267	2.6760							

7125000000	2.775073511	1.256637061	-1.1381306	-0.15091925	-0.766956211	0.979361136	0.7694616	0.9658464	0.8381165	1.2529568	-0.1927174
7125000000	2.775073511	1.308996939	-0.643078865	0.20088633	-0.128679706	1.723167482	0.862367	1.0473423	0.9708051	1.4870198	0.3817631
7125000000	2.775073511	1.361356817	-0.292873184	0.25272422	0.204899112	2.304909285	0.934787	1.0599184	1.0483104	1.7001961	0.7401252
7125000000	2.775073511	1.413716694	-0.459267771	-0.189729159	-0.418415418	2.061155964	0.8996493	0.9572538	0.9081518	1.607369	0.3866227
7125000000	2.775073511	1.466076572	-0.865414343	-0.785358703	-1.656062583	1.321824435	0.8193295	0.8345726	0.6829576	1.3577588	-0.3724455
7125000000	2.775073511	1.518436449	-0.957480788	-0.895587064	-2.541344094	0.95623321	0.8021432	0.8136569	0.5570133	1.2463021	-0.6814622
7125000000	2.775073511	1.570796327	-0.730177602	-0.437981207	-2.389816923	1.244226748	0.8452443	0.9049665	0.5767908	1.3717499	-0.3883355
7125000000	2.775073511	1.623156204	-0.728886629	-0.140737064	-1.87000635	1.496738096	0.8454956	0.9681135	0.6501287	1.411477	-0.137642
7125000000	2.775073511	1.675516082	-1.326532395	-0.628964664	-2.113221568	1.146902505	0.7367952	0.8651741	0.6147207	1.3022377	-0.5564965
7125000000	2.775073511	1.72787596	-2.304506814	-1.84711377	-3.297465543	0.18713817	0.5882329	0.6535648	0.4680082	1.044032	-1.6212162
7125000000	2.775073511	1.780235837	-2.979889993	-2.839457793	-4.311556157	-1.068687607	0.5035134	0.5200609	0.3705479	0.781864	-2.6440385
7125000000	2.775073511	1.832595715	-3.167708281	-2.654703193	-4.325508854	-2.457406329	0.4822022	0.5426623	0.3693594	0.5678837	-3.0933719
7125000000	2.775073511	1.884955592	-3.41778662	-1.982616257	-4.45670047	-4.240354492	0.45522	0.633488	0.3583686	0.3766731	-3.4109477
7125000000	2.775073511	1.93731547	-4.192398778	-1.778327419	-5.282936047	-6.806443702	0.3808554	0.6639987	0.2962828	0.2086199	-4.1179645
7125000000	2.775073511	1.989675347	-5.395789067	-2.238803254	-5.723834395	-9.236191229	0.2868629	0.5971998	0.2676804	0.1192287	-4.973026
7125000000	2.775073511	2.042035225	-6.401467429	-3.181122353	-6.18029417	-8.40950123	0.2290094	0.4807151	0.2409742	0.1442281	-5.6267491
7125000000	2.775073511	2.094395102	-6.770793807	-4.473003841	-8.149513657	-6.497475343	0.2103394	0.3570258	0.1531259	0.2240023	-6.2686107
7125000000	2.775073511	2.14675498	-6.580130052	-6.140187103	-9.394174596	-5.966418359	0.2197794	0.2432099	0.1149695	0.2531385	-6.8240813
7125000000	2.775073511	2.199114858	-5.921783326	-8.096749849	-6.243366286	-7.16592083	0.2557535	0.1549976	0.2374999	0.1920472	-6.7762656
7125000000	2.775073511	2.251477475	-5.038107574	-9.457024021	-3.445537512	-10.08490055	0.3134651	0.1133177	0.4523205	0.0980641	-6.1209104
7125000000	2.775073511	2.303834613	-4.571091941	-8.933649027	-2.759081199	-13.32482974	0.3490525	0.1278307	0.5297755	0.0465069	-5.7956333
7125000000	2.775073511	2.356119449	-4.768082489	-7.384735467	-3.908259959	-13.01685006	0.3335737	0.1826108	0.4060662	0.0499924	-6.1407424
7125000000	2.775073511	2.408554368	-5.276683742	-6.383157752	-5.998306701	-10.70300312	0.2967096	0.2297969	0.2512886	0.085055	-6.6603506
7125000000	2.775073511	2.460914225	-5.776785286	-6.420902138	-8.066063946	-8.42745102	0.2644365	0.2279868	0.1560967	0.1436332	-7.0325077
7125000000	2.775073511	2.513274123	-6.168272794	-6.785481658	-8.692911678	-7.5738732243	0.2416422	0.2096292	0.1351166	0.1746477	-7.2065496
7125000000	2.775073511	2.565634	-6.413225918	-6.594812539	-7.49993058	-10.07621256	0.2283902	0.2190376	0.1778308	0.0982604	-7.4261003
7125000000	2.775073511	2.617993878	-6.895712155	-6.52878078	-6.885846266	-17.04020227	0.2043755	0.2223934	0.2048403	0.0197688	-7.8822694
7125000000	2.775073511	2.670353756	-8.124561227	-7.478301867	-8.003140665	-9.590216162	0.1540082	0.1787186	0.1583747	0.1098951	-8.2318791
7125000000	2.775073511	2.722713633	-9.810116281	-9.405815099	-11.57850262	-6.789091482	0.1044692	0.1146617	0.0695264	0.2094551	-9.0473263
7125000000	2.775073511	2.775073511	-11.44243376	-10.39922643	-18.04534807	-8.795094252	0.0717392	0.0912173	0.0156843	0.1319747	-11.098368
7125000000	2.775073511	2.827433388	-12.54191775	-9.329180928	-14.81566116	-14.99334631	0.055694	0.116703	0.0329939	0.0316713	-12.271978
7125000000	2.775073511	2.879793266	-11.70917503	-8.617545187	-11.6557529	-19.43558018	0.0674656	0.1374819	0.0683035	0.0113879	-11.477659
7125000000	2.775073511	2.932153143	-11.17472876	-8.879261768	-11.86691157	-15.29753775	0.0763005	0.1294416	0.0650592	0.0295828	-11.244612
7125000000	2.775073511	2.984513021	-12.86545601	-9.760642451	-14.04699392	-11.60734848	0.0516957	0.1056661	0.0393823	0.0690661	-11.774883
7125000000	2.775073511	3.036872899	-17.81115225	-11.67621672	-17.27080640	-12.77597131	0.0165533	0.0679796	0.0187496	0.0527719	-14.087841
7125000000	2.775073511	3.089232776	-22.5600801	-15.35624292	-17.69652506	-21.1066144	0.0055462	0.0291324	0.016696	0.0077507	-18.280893
7125000000	2.775073511	3.141592654	-19.13630006	-19.90078173	-14.50141624	-19.67110978	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.827433388	3.141592654	-19.13630006	-19.90078173	-14.50141624	-19.67111003	0.0122003	0.0102311	0.0354698	0.0107867	-17.651801
7125000000	2.827433388	-3.089232776	-19.1840487	-21.32944382	-14.75875766	-18.85575877	0.0120669	0.007363	0.0334291	0.0130144	-17.833502
7125000000	2.827433388	-3.036872899	-14.63168097	-19.51380629	-17.44263021	-12.73880252	0.0344217	0.0111846	0.0180191	0.0532255	-15.844281
7125000000	2.827433388	-2.984513021	-9.846221302	-19.18552052	-14.63787158	-8.707634839	0.1036043	0.0120628	0.0343726	0.1346594	-11.47379
7125000000	2.827433388	-2.932153143	-7.595819467	-19.3496846	-12.37018155	-8.560026556	0.1739474	0.0116153	0.0579426	0.1393148	-10.196051
7125000000	2.827433388	-2.879793266	-7.150423829	-14.60988863	-12.65300328	-9.083062576	0.1927337	0.0345948	0.0542875	0.1235076	-9.9447245
7125000000	2.827433388	-2.827433388	-7.747372043	-11.66118151	-14.32439282	-7.966979008	0.167982	0.0682153	0.0369463	0.159699	-9.5673002
7125000000	2.827433388	-2.775073511	-8.046212898	-11.3548863	-15.61365386	-7.961223998	0.1568118	0.0732	0.0274558	0.1599107	-9.513002
7125000000	2.827433388	-2.727213633	-7.315656327	-11.12214958	-16.587681198	-8.753105695	0.1855386	0.0772266	0.0272466	0.132568	-9.7544054
7125000000	2.827433388	-2.670353756	-6.625413212	-9.289164388	-13.59441969	-7.336159403	0.2174997	0.1177833	0.0437077	0.1846648	-8.5104628
7125000000	2.827433388	-2.617993878	-6.346390282	-8.118389956	-10.11205894	-5.646402245	0.2319322	0.1542272	0.0792126	0.274958	-7.3408148
7125000000	2.827433388	-2.565634	-5.729092964	-8.417352506	-9.539141163	-5.975690356	0.2673565	0.1439676	0.1111952	0.2529986	-7.1692226
7125000000	2.827433388	-2.513274123	-4.838771169	-9.447151191	-8.252635515	-7.881795513	0.3281881	0.1135756	0.1495328	0.1626823	-7.2459727
7125000000	2.827433388	-2.460914245	-4.638629099	-9.885283695	-7.373961667	-7.594460858	0.3436664	0.1026766	0.1830642	0.1740019	-7.5232324
7125000000	2.827433388	-2.35654368	-5.277446294	-9.638945529	-8.959661026	-5.888616129	0.2966575	0.1086689	0.1270673	0.2577142	-7.0437352
7125000000	2.827433388	-2.30519449	-5.706947259	-9.615540191	-16.09256438	-5.157732437	0.2687233	0.1092562	0.0245892	0.3049487	-7.5232324
7125000000	2.827433388	-2.303834613	-5.459926877	-9.988546395	-16.84981013	-4.48004351	0.2844509	0.1002641	0.0206547	0.3564447	-7.2020919
7125000000	2.827433388	-2.251474735	-5.428107332	-10.43526709	-10.02894753	-3.876946665	0.2865426	0.0904635	0.0993357	0.4059485	-6.5468005
7125000000	2.827433388	-2.199114858	-5.76917912	-11.13111245	-7.779548877	-4.264394427	0.2649001	0.0770706	0.166742	0.3745398	-6.5594857
7125000000	2.827433388	-2.14675498	-6.014278994	-12.313568	-6.95476378	-5.212524707	0.2503641	0.0586721	0.2016154	0.3011255	-6.9262318
7125000000	2.827433388	-2.094395102	-5.790550531	-13.15899797	-6.404072579	-4.948382316	0.2635997	0.048317	0.228872	0.3200087	-6.6715901
7125000000	2.827433388	-2.042035225	-4.63587252	-12.34681807	-5.777462356	-3.826187264	0.3438846	0.058253	0.2643953	0.414363	-5.68276
7125000000	2.827433388	-1.989675347	-3.02510973	-9.828083656	-5.328856768	-3.219289075	0.4982979	0.1040379	0.2931665	0.476509	-4.6470232
7125000000	2.827433388	-1.93731547	-2.20780107	-7.210478109	-5.263278629	-3.298641258	0.6014782	0.1908069	0.2976269	0.4678815	-4.0975089
7125000000	2.827433388	-1.884955592	-2.551127705	-5.611228548	-5.19200435	-4.00003879	0.5557599	0.2747117	0.2938191	0.3981036	-4.953284
7125000000	2.827433388	-1.832595715	-3.216428028	-5.018784223	-4.959047067	-4.962565186	0.476823	0.314863	0.3192238	0.3189653	-4.4676188
7125000000	2.827433388	-1.780235837	-2.758318826	-4.812817911	-3.898284104	-4.708800768	0.5298685	0.3301553	0.4075413	0.3381582	-3.963893
7125000000	2.827433388	-1.72787596	-1.53242819	-4.489811959	-2.419279684	-2.877054282	0.7026793	0.3556467	0.572891	0.5155578	-2.7026935
7125000000	2.827433388	-1.675516082	-0.874008677	-4.182313183	-4.152417964	-1.331834163	0.8177097	0.3817409	0.721898	0.7358962	-1.7626843
7125000000	2.827433388	-1.623156204	-1.004372805	-4.035793467	-1.634020226	-0.901990966	0.7935288	0.3948396	0.6864327	0.812458	-1.7275051
7125000000	2.827433388	-1.570796327	-								

7125000000	2.827433388	0.837758041	-0.336077343	-0.246822613	-1.398729906	2.808720788	0.9255338	0.9447518	0.7246479	1.9092908	0.5156001
7125000000	2.827433388	0.890117799	-0.136731192	-0.044731543	-1.363850168	3.355496031	0.9690069	0.898753	0.7304912	2.1654572	0.8410315
7125000000	2.827433388	0.942477796	-0.193867274	0.262554375	-1.84537095	2.854119331	0.9563421	1.0623202	0.6538271	1.9293541	0.6087185
7125000000	2.827433388	0.994837674	0.084528165	0.575832144	-1.178827113	1.987390084	1.019654	1.1417821	0.7622849	1.5802981	0.5154022
7125000000	2.827433388	1.047195719	0.592296871	0.528483454	-0.379365974	1.886936096	1.1461189	1.1294015	1.0912819	1.5441647	0.8910702
7125000000	2.827433388	1.095557429	0.686955584	-0.070731961	1.17692057	2.24073985	1.1713739	0.9834853	1.3112698	1.6752282	1.090482
7125000000	2.827433388	1.151917306	0.099743034	-0.949856492	0.657645414	2.0894639	1.0232324	0.8035527	1.1634951	1.6178803	0.614676
7125000000	2.827433388	1.204277184	-0.776990239	-1.447289116	-0.318485721	1.527143796	0.8361823	0.7165906	0.9292904	1.4213937	-0.106106
7125000000	2.827433388	1.256637061	-1.133848442	-1.225505357	-0.457097154	1.507564524	0.7702206	0.7541356	0.900099	1.415	-0.1779037
7125000000	2.827433388	1.308996939	-0.81253432	-0.734777275	-0.149467964	2.203361101	0.8293667	0.8438248	1.0350154	1.6608718	0.3832986
7125000000	2.827433388	1.361356817	-0.487828732	-0.625799897	0.426960226	2.623288932	0.8937522	0.8658048	1.1033061	1.8294852	0.6933025
7125000000	2.827433388	1.413716694	-0.650375688	-1.113325021	-0.20291733	2.232448492	0.8609193	0.7738691	0.9543513	1.672033	0.2746914
7125000000	2.827433388	1.466076572	-1.223851161	-1.808362233	-1.38936434	1.291322053	0.7544229	0.6594225	0.7262122	1.3462701	-0.5969177
7125000000	2.827433388	1.518436449	-1.704958508	-1.912452097	-2.182698187	0.566499507	0.6753115	0.6438057	0.6049649	1.1393311	-1.1585442
7125000000	2.827433388	1.570796327	-1.795141002	-1.256747646	-1.916606516	0.47640512	0.6614331	0.74873	0.6431901	1.1159391	-0.1010977
7125000000	2.827433388	1.623156204	-1.812130895	-0.710372285	-1.365255859	0.462929265	0.6588505	0.8491077	0.7302548	1.1124818	-0.7692511
7125000000	2.827433388	1.675516082	-2.165204168	-1.001858952	-1.760559854	-0.1339116	0.6074067	0.7939883	0.6667208	0.9696362	-1.1950767
7125000000	2.827433388	1.72787596	-2.829638985	-2.095232123	-3.288005173	-1.421395176	0.521238	0.6172723	0.4690288	0.7280759	-2.3499961
7125000000	2.827433388	1.780235837	-3.468365096	-3.086633543	-6.447978167	-3.03445939	0.4499492	0.4912886	0.3429274	0.4972263	-3.5130063
7125000000	2.827433388	1.832595715	-3.958997043	-3.032648382	-4.70477169	-4.630838997	0.4018836	0.4974337	0.3385737	0.3442834	-4.0280563
7125000000	2.827433388	1.884955592	-4.412081959	-2.506444543	-4.792287308	-6.420406804	0.3620694	0.5615075	0.3317197	0.2280128	-4.3082824
7125000000	2.827433388	1.93731547	-4.991108719	-2.418752364	-5.594158959	-8.866626261	0.3168758	0.5729606	0.2757935	0.1298187	-4.893679
7125000000	2.827433388	1.989675347	-5.698248359	-2.91434497	-6.085139854	-10.88520391	0.2692621	0.5117702	0.2463123	0.0815604	-5.5740073
7125000000	2.827433388	2.042035122	-6.285990822	-3.714157071	-6.874050669	-9.22227531	0.2351803	0.4251912	0.2053974	0.1196127	-6.0845554
7125000000	2.827433388	2.094395225	-6.515830065	-4.668083919	-9.103255689	-6.579725046	0.2230576	0.3413435	0.1229437	0.2197999	-6.4438776
7125000000	2.827433388	2.14675498	-6.199291939	-5.916060787	-9.170848849	-5.29177769	0.2399224	0.2569098	0.1210362	0.2956802	-6.417179
7125000000	2.827433388	2.199114985	-5.420560114	-7.545865895	-5.679852889	-5.632803884	0.287041	0.1759598	0.2704047	0.2733503	-5.9913584
7125000000	2.827433388	2.251474735	-4.690624591	-8.963957414	-3.414023672	-7.629314727	0.3395764	0.1269417	0.4556146	0.172611	-5.6274752
7125000000	2.827433388	2.303834613	-4.568560564	-8.813445725	-3.2876333	-10.62470177	0.3492561	0.1314182	0.4690689	0.0866024	-5.8655513
7125000000	2.827433388	2.35619449	-4.995230269	-7.399083251	-4.847038631	-10.77624399	0.3165753	0.1820085	0.327564	0.0836326	-6.4312344
7125000000	2.827433388	2.408543668	-5.49175366	-6.437798817	-6.607706285	-7.838156259	0.282374	0.2271016	0.2183883	0.164507	-6.5151463
7125000000	2.827433388	2.460914245	-6.001544915	-6.508603047	-7.616419452	-5.722594974	0.2510993	0.2324291	0.1731243	0.2677568	-6.4004458
7125000000	2.827433388	2.513274123	-6.505918767	-6.801512647	-8.049926517	-5.761396126	0.2235672	0.2088569	0.1566778	0.2653752	-6.7035958
7125000000	2.827433388	2.565634	-6.735626396	-6.464048563	-7.360531258	-9.588139879	0.2120496	0.225733	0.1836314	0.1099477	-7.3792782
7125000000	2.827433388	2.617993878	-7.066007797	-6.29854364	-6.664522074	-16.75284507	0.1965166	0.2345015	0.2155499	0.012121	-7.7748515
7125000000	2.827433388	2.670353756	-8.020490302	-7.233248734	-7.901639685	-7.901639685	0.1577433	0.1890929	0.183845	0.1621198	-7.6145148
7125000000	2.827433388	2.722713633	-9.183767685	-9.306034056	-10.35924386	-5.525362233	0.1206766	0.1173266	0.092061	0.2801972	-8.1654405
7125000000	2.827433388	2.775073511	-10.22335537	-10.55142241	-15.71546971	-7.382154442	0.0949871	0.088076	0.0268196	0.1827194	-10.081074
7125000000	2.827433388	2.827433388	-11.10594617	-9.508548119	-14.65051297	-12.51512741	0.0775185	0.1119812	0.0342727	0.0503868	-11.551951
7125000000	2.827433388	2.879793266	-11.00929592	-8.820214841	-12.51048928	-18.52441333	0.079263	0.1312135	0.0560985	0.0140462	-11.539396
7125000000	2.827433388	2.932153143	-11.19949625	-9.517093362	-13.26219147	-16.4735422	0.0758666	0.1214201	0.0471825	0.022524	-11.755598
7125000000	2.827433388	2.984513021	-13.22473102	-10.00712273	-15.53568129	-12.21444996	0.0475912	0.0998361	0.0279532	0.0600558	-12.301864
7125000000	2.827433388	3.036872899	-18.29977469	-11.74001089	-18.30910023	-13.26567017	0.0147919	0.0669883	0.0147601	0.0471446	-14.446486
7125000000	2.827433388	3.089232776	-22.84469589	-15.22599939	-17.80721134	-21.49133812	0.0051943	0.0301093	0.0156583	0.0070936	-18.321251
7125000000	2.827433388	3.141592654	-19.1363003	-19.90078153	-14.50141645	-19.67111003	0.0122003	0.0102311	0.0354698	0.0107867	-17.651801
7125000000	2.879793266	-3.141592654	-19.1363002	-19.90078163	-14.50141612	-19.67110991	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.879793266	-3.089232776	-19.25763936	-22.48060008	-14.72744118	-18.85825646	0.0118641	0.0056486	0.033671	0.0130069	-17.945884
7125000000	2.879793266	-3.036872899	-14.73286344	-21.88039504	-17.53201791	-13.06699205	0.033629	0.0064858	0.0176522	0.0493515	-15.721925
7125000000	2.879793266	-2.984513021	-9.924553561	-21.71020592	-15.65738667	-8.99269621	0.1017524	0.006745	0.0271779	0.1261044	-11.84547
7125000000	2.879793266	-2.932153143	-7.839487593	-21.6516167	-13.4499365	-8.591834687	0.1644566	0.0068366	0.0451863	0.1382982	-10.521038
7125000000	2.879793266	-2.879793266	-7.710721935	-16.61765993	-13.3883607	-8.910125723	0.1694056	0.0127888	0.0458265	0.1285249	-10.391181
7125000000	2.879793266	-2.827433388	-8.347135387	-13.72375942	-14.37814895	-8.120381078	0.1463142	0.0424252	0.0364909	0.1515665	-10.229777
7125000000	2.879793266	-2.775073511	-7.940615241	-14.10236218	-15.54821379	-8.219897636	0.1606714	0.0388834	0.0278727	0.1504643	-10.244629
7125000000	2.879793266	-2.722713633	-6.940543917	-14.28120817	-16.39543893	-8.645509797	0.2022766	0.0373146	0.0229327	0.1365995	-10.009528
7125000000	2.879793266	-2.670353756	-6.718298902	-11.35818198	-14.15833926	-7.141666983	0.2128973	0.0731445	0.0383854	0.1931227	-8.8810777
7125000000	2.879793266	-2.617993878	-6.754932706	-9.966159158	-11.53551487	-5.602866588	0.211109	0.1007823	0.0702238	0.2752411	-7.74425923
7125000000	2.879793266	-2.565634	-5.937915694	-11.0901881	-10.52053535	-6.083291137	0.2548053	0.0778003	0.0887023	0.2464171	-7.862623
7125000000	2.879793266	-2.513274123	-5.108579681	-13.46583169	-9.706438673	-8.403226072	0.3084196	0.0450212	0.1069932	0.1444366	-8.2039748
7125000000	2.879793266	-2.460914245	-5.80552773	-13.62592828	-9.28984352	-8.26747694	0.2964454	0.0433918	0.1177648	0.1902777	-8.3913693
7125000000	2.879793266	-2.408554368	-6.067037388	-11.95901259	-12.09079685	-6.197706989	0.2473411	0.063694	0.0617903	0.24001	-8.1471615
7125000000	2.879793266	-2.35619449	-6.235931258	-10.64112253	-12.42261399	-5.161163986	0.2379068	0.0862756	0.0057245	0.3047078	-7.9954987
7125000000	2.879793266	-2.303834613	-5.69040156	-10.11671504	-12.44441313	-4.285012484	0.269749	0.0973483	0.056953	0.3728196	-7.9065253
7125000000	2.879793266	-2.251474735	-4.971061442	-10.33765915	-9.458959682	-3.614997082	0.3183419	0.0925197	0.1462312	0.4350111	-6.0550285
7125000000	2.879793266	-2.199114985	-4.312329843	-11.17527577	-7.254817397	-3.828182945	0.3704819	0.0762908	0.1881128	0.441723	-5.1812602
7125000000	2.879793266	-2.14675498	-4.119702555	-12.30924354	-6.949534336	-4.247546547	0.3872842	0.0587592	0.2018583	0.3760498	-5.9178605
7125000000	2.879793266	-2.094395102	-4.276258494	-12.63272797	-6.567005296	-3.619872307	0.3735719	0.0545415	0.2204446	0.434523	-5.9739907
7125000000	2.879793266	-2.042035225	-3.704250073	-11.13702584	-6.06995542	-2.690672988	0.4261623	0.0769657	0.2507844	0.5381864	-4.9076429
7125000000	2.879793266	-1.989675347									

7125000000	2.879793266	0.41887902	-7.251305665	-6.222129581	-8.179360527	-2.369822306	0.1883083	0.2386641	0.1520771	0.5794524	-5.3816324
7125000000	2.879793266	0.471238898	-7.431955365	-4.854635205	-6.560505091	-1.453000878	0.1806361	0.3269915	0.2207748	0.7156487	-4.4247743
7125000000	2.879793266	0.523598776	-4.816153532	-3.551894089	-4.309939805	-1.240059947	0.3299018	0.4413779	0.3706859	0.7516125	-3.2477678
7125000000	2.879793266	0.575958653	-2.132457765	-2.78353373	-2.751419644	-1.630585987	0.6120039	0.526801	0.5307109	0.6869757	-2.2979408
7125000000	2.879793266	0.628318531	-0.922750545	-2.43914654	-1.786609865	-1.786609865	0.8085836	0.5702763	0.5672337	0.6627336	-1.8561466
7125000000	2.879793266	0.680678408	-0.971069762	-1.977281801	-3.041517162	-1.261832414	0.7996373	0.6342666	0.4964189	0.7428539	-1.7422078
7125000000	2.879793266	0.73038286	-1.275776949	-1.231210713	-2.351584797	-0.295521825	0.7454565	0.7314564	0.4729786	0.9342171	-1.387946
7125000000	2.879793266	0.785398163	-0.83206188	-0.643398572	-2.263143038	1.25962396	0.8256459	0.8623035	0.5938622	1.3364798	-0.4355646
7125000000	2.879793266	0.837758041	-0.085344882	-0.516835204	-1.187362319	2.846012371	0.9805404	0.8878027	0.7607882	1.9257559	0.5641764
7125000000	2.879793266	0.89011919	0.223167292	-0.681756056	-1.175264139	3.572474005	1.0527293	0.854721	0.7629105	2.2673938	0.9226038
7125000000	2.879793266	0.942477796	0.217721224	-0.743194898	-1.638820353	3.25666657	1.05141	0.8427146	0.6856744	2.1167358	0.6971756
7125000000	2.879793266	0.994837674	0.469148276	-0.6338047	-1.026072451	2.573365055	1.114076	0.8642105	0.7895738	1.8085749	0.5846733
7125000000	2.879793266	1.047197551	1.004692503	-0.701757513	0.412574907	2.524898271	1.2602864	0.8507937	1.0996576	1.7885036	0.9684411
7125000000	2.879793266	1.099557429	1.273132449	-1.163781618	1.152688598	2.846359282	1.3406433	0.7649303	1.3039738	1.9259097	1.2511164
7125000000	2.879793266	1.151917306	0.991587607	-1.702064268	0.698930355	2.780403129	1.2564892	0.6757617	1.1746082	1.896882	0.9723484
7125000000	2.879793266	1.204277184	0.513871808	-1.680733313	-0.099592484	2.523029272	1.125608	0.769089	0.9773289	1.7877341	0.578334
7125000000	2.879793266	1.256637061	0.586979427	-1.019040515	-0.125074034	2.817186834	1.1447165	0.7908533	0.9716114	1.9130164	0.1004085
7125000000	2.879793266	1.308996939	1.216331812	-0.297871415	0.477374296	3.39878947	1.3232234	0.9337118	1.1161877	2.2593728	1.4840848
7125000000	2.879793266	1.361356817	1.636897999	-0.086105702	0.749269578	3.868590245	1.4577727	0.9803687	1.1883024	2.4370196	1.8066076
7125000000	2.879793266	1.413716694	1.399408473	-0.560086388	1.20408003	3.426644684	1.3801963	0.879005	1.289825	2.2012252	1.374656
7125000000	2.879793266	1.466076572	0.605455838	-1.376582084	-1.09919232	2.405790494	1.1495969	0.7283528	0.7763915	1.7401194	0.4084558
7125000000	2.879793266	1.518436449	-0.232300799	-1.74291549	-1.969341072	1.361804366	0.9479161	0.6693451	0.6354273	1.3682972	-0.4322238
7125000000	2.879793266	1.570796327	-0.713962913	-1.248101608	-1.746646512	0.720871169	0.8484712	0.7502221	0.6688602	1.1805574	-0.6447877
7125000000	2.879793266	1.623156204	-1.026918809	-0.674188156	-1.250825347	0.187389258	0.78942	0.8562118	0.7497517	1.0440924	-0.6565773
7125000000	2.879793266	1.675516082	-1.513999703	-0.870962221	-1.824930731	-0.87129488	0.7056674	0.8182835	0.6569116	0.8182208	-1.2501747
7125000000	2.879793266	1.72787596	-2.19287834	-1.859752703	-3.687741233	-2.722764338	0.6035485	0.6516655	0.4277853	0.5342242	-2.5625052
7125000000	2.879793266	1.780235837	-2.845408855	-2.725435998	-5.07390768	-5.002326631	0.5193488	0.5338957	0.2969347	0.3160584	-3.8032308
7125000000	2.879793266	1.832595715	-3.44383065	-2.534723896	-5.095273389	-6.870380764	0.4524983	0.5578631	0.3093661	0.205571	-4.1870516
7125000000	2.879793266	1.88495592	-4.099381073	-1.950992739	-8.104253098	-8.104253098	0.3891006	0.6381176	0.3285102	0.1547239	-4.2295296
7125000000	2.879793266	1.93731547	-4.810612852	-1.896529203	-5.306011549	-9.217605486	0.3303229	0.6461704	0.2947127	0.1197401	-4.5874969
7125000000	2.879793266	1.989675347	-5.540038769	-2.432093078	-5.851575604	-9.646574165	0.2792519	0.5712033	0.2597063	0.1084782	-5.1618486
7125000000	2.879793266	2.040351225	-6.330415389	-3.173173336	-7.074731395	-8.235760043	0.2327869	0.4815958	0.1961222	0.150115	-5.7650024
7125000000	2.879793266	2.092995205	-7.06668014	-3.996739314	-9.287861454	-6.224649607	0.1964862	0.3984602	0.1178235	0.2385256	-6.2376922
7125000000	2.879793266	2.14675498	-7.196621823	-5.190652375	-8.376159778	-5.030421077	0.1906943	0.3026459	0.1453396	0.3140204	-6.231037
7125000000	2.879793266	2.199114858	-6.654988098	-6.879864931	-5.198810871	-5.149034948	0.2160236	0.2051226	0.3020779	0.30556	-5.8973576
7125000000	2.879793266	2.251474735	-6.290944292	-8.402048479	-3.571195271	-6.755134619	0.2349122	0.1444758	0.4394207	0.2110992	-5.2295269
7125000000	2.879793266	2.303834613	-6.660615918	-8.452825211	-6.074309352	-8.98036574	0.2157438	0.1427965	0.391435	0.1259495	-6.595932
7125000000	2.879793266	2.35619449	-7.242298475	-7.152187618	-4.094291213	-8.062450944	0.1886992	0.1926554	0.2457938	0.1562266	-7.0809028
7125000000	2.879793266	2.408554368	-7.536029377	-6.057532321	-7.237983936	-5.295485708	0.1763588	0.247883	0.1888868	0.2954278	-6.4370809
7125000000	2.879793266	2.460914245	-8.13658943	-5.938012465	-7.939312465	-8.106182805	0.1535823	0.2547996	0.1908818	0.0416231	-6.0167504
7125000000	2.879793266	2.513274123	-8.90829654	-6.339115962	-7.455697363	-4.877570874	0.1285791	0.232321	0.1796513	0.3252557	-6.6463889
7125000000	2.879793266	2.565634	-9.039204969	-6.363762994	-7.22977389	-9.027160485	0.1247612	0.2310062	0.1892442	0.1251077	-7.7590786
7125000000	2.879793266	2.617993878	-9.02894259	-6.298208396	-6.689173217	-11.30247234	0.1250563	0.2345196	0.2143299	0.0740887	-7.9048853
7125000000	2.879793266	2.670353756	-9.432694889	-7.131745612	-7.128479101	-6.192964073	0.1139542	0.1935644	0.19371	0.2402722	-7.3194832
7125000000	2.879793266	2.722713633	-9.709050774	-9.140041515	-9.554154449	-4.821843266	0.1069289	0.1188314	0.1108114	0.3294698	-7.765711
7125000000	2.879793266	2.775073511	-9.95851099	-10.44086031	-13.71811041	-6.759793255	0.1009599	0.0923467	0.0424804	0.2108729	-9.5403165
7125000000	2.879793266	2.827433388	-10.39521473	-9.497004442	-14.1431916	-11.14097758	0.0913016	0.1122793	0.0385195	0.0768957	-10.982746
7125000000	2.879793266	2.879793266	-10.57940861	-8.952818128	-13.2819447	-16.89903258	0.0875103	0.1272677	0.0469687	0.0204219	-11.515513
7125000000	2.879793266	2.932153163	-11.35110001	-9.437090526	-14.70486703	-17.33260012	0.0732639	0.113839	0.0338465	0.0184816	-12.287797
7125000000	2.879793266	2.984513021	-13.70444957	-10.275688	-17.14714688	-12.84310273	0.0426143	0.0934893	0.0192879	0.0519625	-12.845943
7125000000	2.879793266	2.987862899	-18.87700238	-11.82832467	-19.39737598	-13.82358613	0.0129509	0.0656398	0.0114879	0.0414612	-14.830028
7125000000	2.879793266	3.089232776	-23.11929543	-15.11946495	-17.89199899	-21.89919744	0.0048761	0.0307648	0.016248	0.0064577	-18.360446
7125000000	2.879793266	3.141592654	-19.1363002	-19.90078163	-14.50141612	-19.67110991	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.932153143	-3.141592654	-19.13630022	-19.90078151	-14.5014163	-19.6711098	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.932153143	-3.089232776	-19.31805084	-23.78541427	-14.69572828	-18.85132423	0.0117002	0.0041827	0.0339178	0.0130277	-18.039039
7125000000	2.932153143	-3.036872899	-14.83371104	-25.01769549	-17.52867421	-13.43299731	0.0328571	0.0031494	0.0176658	0.0153628	-16.062708
7125000000	2.932153143	-2.984513021	-10.05708604	-23.88060941	-16.62209449	-9.318700195	0.0986941	0.004092	0.0217666	0.169849	-12.19075
7125000000	2.932153143	-2.932153143	-8.19090169	-22.57226144	-14.48560505	-8.666524644	0.1516735	0.0055306	0.0355992	0.1359401	-10.852029
7125000000	2.932153143	-2.879793266	-8.34637027	-18.88840025	-13.86036633	-8.812805913	0.14634	0.021969	0.041039	0.1314375	-10.812708
7125000000	2.932153143	-2.827433388	-8.718234427	-16.36528612	-14.00694193	-8.350680847	0.1343311	0.0230925	0.0397471	0.1461948	-10.663033
7125000000	2.932153143	-2.775073511	-7.696508171	-17.355729	-15.11462132	-8.553175649	0.169961	0.0183835	0.0307991	0.1395348	-10.473549
7125000000	2.932153143	-2.722713633	-6.966857437	-17.48002757	-17.23222738	-8.608211132	0.2010547	0.0178648	0.0189137	0.1377777	-10.273128
7125000000	2.932153143	-2.670353756	-7.387005961	-13.02155238	-14.92305161	-7.175828443	0.1825154	0.0498706	0.0321847	0.1916096	-9.4292351
7125000000	2.932153143	-2.617993878	-7.241144373	-11.47391153	-12.02416007	-5.821379443	0.1887494	0.0712211	0.0627457	0.2617352	-8.3531164
7125000000	2.932153143	-2.565634	-5.777519885	-13.44029606	-11.42620279	-6.245357401	0.2643918	0.0452867	0.0720078	0.237391	-8.1031509
7125000000	2.932153143	-2.513274123	-4.92700101	-16.43523822	-11.35913597	-8.697146042	0.321588	0.0272735	0.0731284	0.134985	-8.597867
7125000000	2.932153143	-2.460914245	-5.198502363	-14.58640976	-11.61369987	-9.183780439	0.3020993	0.0347824	0.0689652	0.1206763	-8.8064249
7125000000	2.932153143	-2.408554368	-5.676								

7125000000	2.932153143	-4.44E-16	-6.404297579	-6.929234986	-9.885709923	-7.705971813	0.2288602	0.202804	0.1026666	0.169591	-7.5453561
7125000000	2.932153143	0.052359878	-6.523940175	-8.376306096	-10.89556574	-6.287735344	0.2226414	0.1453347	0.0813661	0.2350858	-7.6673217
7125000000	2.932153143	0.104719755	-6.244472989	-10.63621686	-11.83613086	-5.345988949	0.2374394	0.0863731	0.065522	0.2920123	-7.6869186
7125000000	2.932153143	0.157079633	-5.755603359	-12.53211895	-13.13766876	-6.109939215	0.2657294	0.0558198	0.0485549	0.2449098	-8.1317508
7125000000	2.932153143	0.20943951	-5.413873353	-11.51673688	-13.13421211	-8.216030326	0.2874833	0.0705223	0.0485936	0.1507985	-8.5589486
7125000000	2.932153143	0.261799388	-5.365444942	-9.40615562	-11.00769411	-8.521128112	0.290707	0.1146527	0.0792922	0.1405682	-8.0602699
7125000000	2.932153143	0.314159265	-5.762506226	-8.036110438	-9.16517283	-6.021387998	0.2653074	0.1517577	0.1211944	0.2499546	-7.0244001
7125000000	2.932153143	0.366519143	-6.833571042	-7.274575965	-8.433900621	-3.821524621	0.2073208	0.187302	0.1434201	0.4148084	-6.2303487
7125000000	2.932153143	0.41887902	-8.181835799	-6.423797819	-7.781085799	-2.527178197	0.1519905	0.2278349	0.166683	0.5588332	-5.5865348
7125000000	2.932153143	0.471238898	-7.136749996	-5.161034356	-1.836561958	-1.836561958	0.1933415	0.3047169	0.2445871	0.6551546	-4.5661492
7125000000	2.932153143	0.523598776	-3.834338621	-3.955489054	-3.897571466	-1.516897132	0.4135863	0.4022084	0.4076081	0.7051967	-3.1681794
7125000000	2.932153143	0.575958653	-1.442450568	-3.265994861	-2.296196238	-1.387121167	0.7173894	0.4714119	0.5893596	0.7265874	-2.032959
7125000000	2.932153143	0.628318531	-0.623702959	-2.983958228	-1.893041828	-1.202888061	0.866223	0.5030419	0.6466895	0.7580733	-1.589492
7125000000	2.932153143	0.680678408	-1.01123846	-2.628097554	-2.368511362	-1.002562632	0.7922754	0.545997	0.5796273	0.7938597	-1.6880884
7125000000	2.932153143	0.73038286	-1.570319989	-2.056943337	-2.643790513	-0.640601359	0.6965752	0.6227384	0.5440276	0.8628591	-1.6650223
7125000000	2.932153143	0.785398163	-1.186258549	-1.664902837	-1.89698724	0.616003384	0.7609816	0.6815688	0.6461023	1.1523923	-0.9137494
7125000000	2.932153143	0.837758041	-0.293381216	-1.727628256	-0.972714057	2.279920167	0.9346777	0.6717956	0.7993346	1.6904099	0.1032304
7125000000	2.932153143	0.89017919	0.245058122	-2.002540711	-0.101539595	3.177085117	1.0580491	0.6305883	0.7915173	2.0783013	0.5675778
7125000000	2.932153143	0.942477796	0.395950665	-1.939215673	-1.586882816	3.040289848	1.0954563	0.6398504	0.6939237	2.0138587	0.4562503
7125000000	2.932153143	0.994837674	0.657209607	-1.466330852	-1.1736719	2.564092591	1.1633783	0.7134555	0.7631902	1.8047176	0.4578654
7125000000	2.932153143	1.047197551	1.191882945	-1.078079579	0.156125948	2.704270294	1.3157952	0.780175	1.0366033	1.863919	0.9660525
7125000000	2.932153143	1.099557429	1.520222645	-1.048932655	0.962286317	3.137439341	1.4191303	0.7854286	1.2480404	2.0594153	1.3925033
7125000000	2.932153143	1.151917306	1.322057628	-1.101942321	0.710200895	3.175175098	1.3558316	0.7759	1.1776604	2.0773875	1.2926921
7125000000	2.932153143	1.204277184	0.970706903	-0.761825957	0.122139845	3.08271743	1.2504626	0.8391071	1.0285229	2.0336291	1.098924
7125000000	2.932153143	1.268893898	1.268893898	-0.012338376	0.153144769	3.538018958	1.3393355	0.997163	1.035892	2.2584054	1.0850979
7125000000	2.932153143	1.308996939	2.09452231	0.691276597	0.732493463	4.322257839	1.6197658	1.17254	1.1864227	2.705346	2.2298249
7125000000	2.932153143	1.361356817	2.539047204	0.8805951	1.048078565	4.680471882	1.7943399	1.224783	1.2729398	2.9379689	2.570802
7125000000	2.932153143	1.413716694	2.185032539	0.405714286	0.451083479	4.305057714	1.6538772	1.0979219	1.1094516	2.6946171	1.2453777
7125000000	2.932153143	1.466076572	1.264505463	-0.435537039	-0.87334888	3.366622676	1.3379828	0.9045786	0.8178339	2.1710122	1.1655856
7125000000	2.932153143	1.518436449	0.41863075	-0.952233824	-1.985377278	2.301909409	1.1011921	0.8031129	0.6330854	1.6899059	0.24935
7125000000	2.932153143	1.570796327	-0.04185521	-0.698611291	-1.96539411	1.439732044	0.9904088	0.8514102	0.6360051	1.3930708	-0.1424861
7125000000	2.932153143	1.623156204	-0.50559036	-0.297334426	-1.577593407	0.575002258	0.8901044	0.9338273	0.6954096	1.1415639	-0.384715
7125000000	2.932153143	1.675516082	-1.262070317	-0.602612838	-2.291740217	-0.832378902	0.7478129	0.8704398	0.5899646	0.8255856	-1.2007263
7125000000	2.932153143	1.72787596	-2.055538103	-1.730836277	-4.338342621	-3.118461315	0.62294	0.6712996	0.3682695	0.4877012	-2.6957906
7125000000	2.932153143	1.780235837	-2.44767391	-2.744825091	-5.740711433	-5.898860169	0.5691577	0.5315174	0.2666422	0.257107	-3.9136051
7125000000	2.932153143	1.832595715	-2.585950766	-2.499913346	-4.984271472	-7.564886353	0.5513215	0.5623525	0.3173785	0.1751908	-3.9624864
7125000000	2.932153143	1.884955592	-2.959639164	-1.790700879	-4.231915569	-7.586225529	0.5058667	0.6621096	0.3774057	0.1743231	-3.6660373
7125000000	2.932153143	1.93731547	-3.780272742	-1.708111934	-4.354298354	-7.39238714	0.4187673	0.6748213	0.366919	0.1822893	-2.8647611
7125000000	2.932153143	1.98675347	-5.045655833	-2.235519758	-5.098788023	-7.267975545	0.3129208	0.5976515	0.3091158	0.1875609	-4.5368103
7125000000	2.932153143	2.042035225	-6.764897771	-2.802830816	-6.730428727	-6.730428727	0.2106251	0.5244655	0.2080403	0.2123035	-5.393147
7125000000	2.932153143	2.094395102	-8.674222263	-3.325570996	-8.870419322	-5.883976201	0.1356994	0.4649892	0.1297054	0.2579897	-6.0713442
7125000000	2.932153143	2.14675498	-9.682987955	-4.369503827	-7.450124071	-5.345067162	0.1075725	0.3656366	0.179882	0.2920743	-4.6852504
7125000000	2.932153143	2.199114858	-9.636862257	-6.198119523	-4.838077213	-5.70280088	0.1087211	0.2399872	0.3282406	0.26898	-6.2620154
7125000000	2.932153143	2.251474735	-9.991708001	-8.060151332	-8.661289248	-7.364105758	0.1001911	0.1563093	0.4110277	0.1834803	-7.1212614
7125000000	2.932153143	2.303834613	-10.7608378	-8.500048701	-4.926084631	-8.959119597	0.0839298	0.1415222	0.3216559	0.1270832	-7.7345096
7125000000	2.932153143	2.35619449	-10.23217631	-7.370233622	-7.079606425	-6.642034997	0.0947943	0.1832216	0.1959022	0.2166689	-6.7284159
7125000000	2.932153143	2.408554368	-9.74104401	-6.006315193	-7.273237811	-3.920317678	0.106144	0.2508236	0.1873597	0.4054789	-6.2442496
7125000000	2.932153143	2.460914245	-11.0255857	-5.490381334	-6.718413033	-3.2169138	0.0789662	0.2824632	0.2128917	0.4767697	-5.8041976
7125000000	2.932153143	2.513274123	-13.17874278	-5.865925532	-7.151174956	-4.908490429	0.0480979	0.2590642	0.1927004	0.3261792	-6.86737
7125000000	2.932153143	2.565634	-13.86191934	-6.335513181	-7.428917103	-8.866706681	0.0410968	0.2325138	0.1807625	0.1298163	-8.3550633
7125000000	2.932153143	2.617939878	-13.55009286	-6.481320627	-7.14140425	-8.456103596	0.0441561	0.2248371	0.1931344	0.1873609	-8.2046562
7125000000	2.932153143	2.670353756	-12.79135179	-7.176858023	-7.356306489	-5.271125928	0.0525854	0.1915641	0.1838101	0.2970898	-6.1769254
7125000000	2.932153143	2.722713633	-11.52430699	-8.985030222	-9.15424508	-4.844988991	0.0703995	0.1263272	0.1214998	0.2737186	-7.918644
7125000000	2.932153143	2.775073511	-10.73256379	-10.147312	-12.2393611	-6.924472136	0.084478	0.0966649	0.0597872	0.3020265	-9.5471943
7125000000	2.932153143	2.827433388	-10.44522552	-9.300823306	-13.42197694	-10.61113233	0.0902563	0.1174675	0.0454781	0.0868374	-10.70485
7125000000	2.932153143	2.879739266	-10.5340674	-8.97246396	-13.84615484	-15.58273789	0.0884287	0.1266933	0.0412463	0.027165	-11.487107
7125000000	2.932153143	2.932153143	-11.69784496	-9.664352415	-16.06286667	-17.65215304	0.0676419	0.1800351	0.0247579	0.071706	-12.643904
7125000000	2.932153143	2.984513021	-14.32672395	-10.53148946	-18.82182957	-13.46323734	0.0369256	0.0884812	0.0131165	0.0450481	-13.382551
7125000000	2.932153143	3.036872899	-19.53693121	-11.92955375	-20.49981161	-14.44825164	0.0111252	0.0641275	0.0089129	0.0359066	-15.226173
7125000000	2.932153143	3.089232776	-23.37417279	-15.03420409	-17.94671195	-22.31321638	0.0045981	0.0313747	0.0160446	0.0058705	-18.394715
7125000000	2.932153143	3.141592654	-19.13630022	-19.90078151	-14.5014163	-19.6711098	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.984513021	-3.141592654	-19.13630018	-19.90078155	-14.50141629	-19.67110982	0.0122003	0.0102311	0.0354698	0.0107867	-17.6518
7125000000	2.984513021	-3.089232776	-19.35903223	-25.25290134	-14.66491523	-18.83315405	0.0115904	0.0029834	0.0341593	0.0130823	-18.109639
7125000000	2.984513021	-3.036872899	-14.91441682	-29.20399565	-17.43407177	-13.834074015	0.0322521	0.0102012	0.0180519	0.0413612	-16.342015
7125000000	2.984513021	-2.984513021	-10.21566145	-24.11123791	-17.35825591	-9.693548009	0.0951555	0.0038804	0.0183728	0.1073112	-12.504185
7125000000	2.984513021	-2.932153143	-8.594751042	-21.23655616	-15.18687569	-8.805167774	0.1382054	0.0075222	0.0302909	0.1316689	-11.39503
7125000000	2.984513021	-2.879739266	-8.933285252	-20.22199853	-13.77056071	-8.797950222	0.1278414	0.0095017	0.0419705	0.1318879	-11.090184
7125000000	2.984513021	-2.827433388	-8.808								

7125000000	2.984513021	-0.41887902	-4.367294588	-0.476546817	-6.264034144	-5.536479045	0.3658226	0.896077	0.2363723	0.2794809	-3.5218863
7125000000	2.984513021	-0.366519143	-4.426098166	0.265939359	-6.105393444	-6.368169044	0.3609027	1.0631485	0.2452679	0.2307772	-3.2328556
7125000000	2.984513021	-0.314159265	-4.460137279	-0.169566233	-6.265560424	-7.265381918	0.3580851	0.9617083	0.2408485	0.1876989	-3.5943388
7125000000	2.984513021	-0.261799388	-4.628808763	-1.652772049	-6.823286577	-7.540736635	0.3444444	0.6834753	0.2078123	0.7161767	-4.5225614
7125000000	2.984513021	-0.20943951	-5.005671813	-3.507163648	-8.385734224	-7.700946116	0.315815	0.4459474	0.1450196	0.1697874	-5.7001797
7125000000	2.984513021	-0.157079633	-5.497382516	-4.814012978	-10.03139106	-8.03917514	0.2820082	0.3300644	0.0992798	0.1570661	-6.6333091
7125000000	2.984513021	-0.104719755	-5.888187241	-5.456269769	-10.09034759	-8.150154052	0.2577397	0.2846905	0.0979412	0.1531033	-7.0252692
7125000000	2.984513021	-0.052359878	-6.16455847	-6.00168757	-9.474762707	-8.144831051	0.2418489	0.2510911	0.1128558	0.1532911	-7.2176854
7125000000	2.984513021	-4.44E-16	-6.404297448	-6.929235311	-9.885710144	-7.70597176	0.2288602	0.202804	0.1026666	0.1695991	-7.5453562
7125000000	2.984513021	0.052359878	-6.394544417	-8.604732618	-10.88052109	-6.330293612	0.2293747	0.1378881	0.0816484	0.2327934	-7.6846374
7125000000	2.984513021	0.104719755	-5.960135683	-11.00787478	-11.75981006	-5.395634072	0.2535049	0.0792889	0.0666836	0.2886932	-7.6436382
7125000000	2.984513021	0.157079633	-5.410303094	-12.48112622	-13.06879897	-5.990677771	0.2877198	0.056479	0.049331	0.2517284	-7.9232644
7125000000	2.984513021	0.20943951	-5.118007692	-11.18226759	-13.25783968	-8.025289212	0.3077508	0.0761681	0.0472298	0.1575691	-8.3215279
7125000000	2.984513021	0.261799388	-5.226515524	-9.204607758	-11.7803953	-8.974562921	0.300157	0.120099	0.0762423	0.1266321	-8.0748111
7125000000	2.984513021	0.314159265	-5.928263924	-7.913617157	-9.117327572	-6.406892654	0.2553722	0.1616733	0.122537	0.2287235	-7.1652579
7125000000	2.984513021	0.366519143	-7.415092126	-7.230527499	-8.068397931	-3.898628404	0.1813388	0.1892114	0.1560128	0.407509	-6.3167966
7125000000	2.984513021	0.41887902	-8.533450099	-6.55988139	-7.193385809	-2.735673742	0.14017	0.2208014	0.1908365	0.5326808	-5.6685187
7125000000	2.984513021	0.471238898	-6.370632162	-5.534937222	-5.59767469	-2.436071041	0.2306411	0.2795801	0.2779862	0.5706803	-4.887674
7125000000	2.984513021	0.523598776	-3.142938368	-4.524277409	-3.46230348	-2.068112248	0.4849603	0.3528355	0.4505777	0.621139	-3.2113751
7125000000	2.984513021	0.575958653	-1.186791423	-3.987009285	-1.877521801	-1.260385702	0.7608882	0.3992998	0.6490044	0.7481031	-1.9427904
7125000000	2.984513021	0.628318531	-0.726570926	-3.904478635	-1.405895309	-0.552814619	0.8459465	0.4069604	0.7234532	0.8804781	-1.4617435
7125000000	2.984513021	0.680678408	-1.429579874	-3.8563319	-1.824708197	-0.468541925	0.7195186	0.4114971	0.6569453	0.8977301	-1.7300393
7125000000	2.984513021	0.730388286	-2.292511249	-3.559889095	-2.145732679	-0.780632255	0.5898599	0.4405661	0.6101361	0.8354814	-2.0830172
7125000000	2.984513021	0.785398163	-1.892279077	-3.245930369	-1.536807901	-0.228543196	0.6468031	0.4735948	0.7019711	0.9487367	-1.5946091
7125000000	2.984513021	0.837578041	-0.650478424	-3.149008925	-0.700624615	1.289416569	0.8608989	0.4842829	0.8510156	1.3456796	-0.5282652
7125000000	2.984513021	0.890117919	0.201898689	-2.998481255	-0.80092867	2.295845436	1.0475864	0.5013625	0.8315859	1.6966198	0.082972
7125000000	2.984513021	0.942477796	0.435917221	-2.373083071	-1.588930475	2.277090065	1.1055839	0.5790175	0.6935966	1.6893087	0.0726828
7125000000	2.984513021	0.994837674	0.559695179	-1.482920761	-1.535280139	1.938848879	1.1375476	0.7107354	0.702218	1.5627334	0.1212346
7125000000	2.984513021	1.047197551	0.946917893	-0.897287557	-0.319155556	2.29618815	1.2436317	0.8133383	0.9291556	1.6967537	0.6845298
7125000000	2.984513021	1.099557429	1.157483022	-0.834904389	0.668923426	2.915890853	1.3054141	0.8251057	1.1665204	1.9569922	1.1843275
7125000000	2.984513021	1.151917306	0.774441192	-1.002125847	0.71349478	3.010553396	1.1952099	0.7939395	1.178554	2.0001167	1.112474
7125000000	2.984513021	1.204277184	0.220223384	-0.901669928	0.303247823	2.820785396	1.052016	0.812518	1.0732309	1.9146021	0.838122
7125000000	2.984513021	1.256637061	0.483853181	-0.398671338	0.296060878	3.1288433	1.1178546	0.9122899	1.075479	2.0533431	1.102559
7125000000	2.984513021	1.308996939	1.388959349	0.134745593	0.839249027	3.861200311	1.3768795	1.0315127	1.2131791	2.4328763	1.8001453
7125000000	2.984513021	1.361356817	1.845598824	0.21192511	1.205893753	4.236423995	1.5295366	1.0500078	1.3200469	2.6524206	2.1431469
7125000000	2.984513021	1.4131716694	1.420144954	-0.348454709	0.673018392	3.884385248	1.3868021	0.9228998	1.1676208	2.445899	1.70498
7125000000	2.984513021	1.466076572	0.436865773	-1.257526885	-0.752581477	2.945879702	1.1058254	0.7485957	0.8408952	1.9705523	0.6687251
7125000000	2.984513021	1.518436449	-0.364753748	-1.800847713	-2.167376548	1.855551866	0.9194426	0.6605645	0.607103	1.533046	-0.3149883
7125000000	2.984513021	1.570796327	-0.741991125	-1.501986601	-2.141423511	0.95254825	0.8429482	0.707622	0.5739284	1.2452451	-0.7446313
7125000000	2.984513021	1.623156204	-1.194523651	-1.022500488	-2.095323777	0.040399984	0.7595347	0.7902235	0.6172593	1.0093458	-1.0012981
7125000000	2.984513021	1.675516082	-1.961800848	-1.288052808	-1.737860608	-1.399677412	0.6365315	0.7433524	0.5274896	0.7244898	-1.8179666
7125000000	2.984513021	1.72787596	-2.61815924	-2.50065492	-4.559811952	-3.609219011	0.5472479	0.5623328	0.3499603	0.4535902	-3.744207
7125000000	2.984513021	1.780235837	-2.658217097	-3.70024049	-5.228268618	-5.740719404	0.5422234	0.4265559	0.3000358	0.2666147	-4.1582737
7125000000	2.984513021	1.832595715	-2.390485163	-3.428721646	-4.042960823	-5.975243483	0.576702	0.4540753	0.3941885	0.2562426	-3.737407
7125000000	2.984513021	1.884955592	-2.446853216	-2.591815789	-3.123938176	-5.147522146	0.5692653	0.5505775	0.4870866	0.3056665	-3.204368
7125000000	2.984513021	1.93731547	-3.117857686	-2.542183546	-3.198705231	-4.79591941	0.487769	0.5569057	0.4787728	0.3314424	-3.3374141
7125000000	2.984513021	1.989675347	-4.427504877	-3.215666026	-4.244507043	-5.012278982	0.3607859	0.4769067	0.3763131	0.3153349	-4.1755579
7125000000	2.984513021	2.042035225	-6.304031242	-3.679044634	-6.39327392	-5.354961378	0.2342054	0.4286428	0.2294418	0.2914096	-5.2881848
7125000000	2.984513021	2.094395102	-8.498142815	-3.773987362	-8.283131779	-5.59837177	0.1413142	0.4193738	0.1484864	0.2754262	-5.0785581
7125000000	2.984513021	2.146754958	-10.52286095	-4.491646116	-6.736947303	-5.971602134	0.0886572	0.3554965	0.2119851	0.2528365	-6.4350791
7125000000	2.984513021	2.19911488	-12.6026679	-6.286528255	-4.700962549	-7.02315801	0.0549203	0.2351512	0.3387691	0.1984651	-6.8439396
7125000000	2.984513021	2.251474735	-14.79807328	-8.319723336	-4.315317168	-9.407591151	0.0331278	0.1472406	0.3702272	0.1146148	-7.7910093
7125000000	2.984513021	2.303834613	-12.37057421	-9.061196142	-5.75348846	-10.52626864	0.0579352	0.124131	0.2658589	0.086608	-8.742027
7125000000	2.984513021	2.35619449	-8.984826231	-8.231805643	-7.431965767	-6.483307247	0.1263332	0.1502517	0.1806356	0.2247343	-7.6830442
7125000000	2.984513021	2.408554368	-8.265870926	-6.622319301	-6.187272381	-3.652855889	0.1490778	0.2176547	0.2098325	0.4312354	-5.9868547
7125000000	2.984513021	2.460914245	-9.990857674	-5.603023582	-3.36695645	-3.39072589	0.1002107	0.2752312	0.2324505	0.4580653	-5.7432001
7125000000	2.984513021	2.513274123	-12.88902876	-5.741358577	-7.243230827	-5.726366733	0.0514159	0.2666025	0.1886587	0.2675244	-7.1320604
7125000000	2.984513021	2.565634	-15.72458754	-6.443815925	-7.117121726	-9.077646079	0.0267634	0.2267871	0.1542723	0.1236618	-8.7656936
7125000000	2.984513021	2.617993878	-18.42932419	-6.789966952	-8.081511732	-7.256753683	0.0143571	0.2091428	0.1555424	0.1880722	-8.4818245
7125000000	2.984513021	2.670353756	-17.32467018	-7.355496399	-7.984179133	-5.27998891	0.0185154	0.1838444	0.1590677	0.2964839	-7.8389258
7125000000	2.984513021	2.722713633	-14.65124583	-8.914908732	-9.070875693	-5.717582098	0.0342669	0.1283835	0.1238547	0.268066	-8.5810273
7125000000	2.984513021	2.775073511	-12.76238604	-9.816733531	-11.1724207	-7.919323517	0.0529373	0.1403102	0.076341	0.1614642	-10.05405
7125000000	2.984513021	2.827433388	-11.27877971	-9.003012935	-12.61476413	-10.76109875	0.0744941	0.1258052	0.0547676	0.0839248	-10.718979
7125000000	2.984513021	2.879793266	-10.92711333	-8.878249927	-14.047489517	-14.73801163	0.0807772	0.1294717	0.0393778	0.1514904	-11.49404
7125000000	2.984513021	2.932153143	-12.30333792	-9.789753654	-17.016805457	-17.41217305	0.0588391	0.1049602	0.0196404	0.0181498	-12.97592
7125000000	2.984513021	2.984513021	-15.11175705	-10.734528	-20.408310434	-14.0397339	0.0308194	0.0844398	0.0091027	0.0394481	-13.877195
7125000000	2.984513021	3.036872899	-20.25929786	-12.03111916	-21.55734736	-15.13572712	0.0094204	0.0626452	0.0069866	0.0306498	-15.618453
7125000000	2.984513021	3.089232776</									

7125000000	3.036872899	-0.837758041	0.132795031	-0.80022755	-1.746762179	-0.907468817	1.0310495	0.8317202	0.6688424	0.8114338	-0.7791765
7125000000	3.036872899	-0.785398163	-0.7319108	-2.125610568	-2.882586761	-1.923112671	0.844907	0.6129696	0.5149219	0.6422273	-1.8458402
7125000000	3.036872899	-0.733038286	-2.112371261	-2.279477157	-3.848525685	-2.697624898	0.6148411	0.5916329	0.4122374	0.5373256	-2.6840379
7125000000	3.036872899	-0.680678408	-3.383273006	-0.935845419	-3.946349088	-3.399896595	0.4588521	0.8061493	0.4030557	0.4570991	-2.7466915
7125000000	3.036872899	-0.628318531	-3.829893948	0.005860953	-8.256444949	-4.359531749	0.4140098	1.0013504	0.4118466	0.3664771	-2.6088594
7125000000	3.036872899	-0.575958653	-3.775435049	-0.27825837	-4.34537755	-5.081147719	0.419234	0.9373981	0.3676734	0.3103739	-2.9344875
7125000000	3.036872899	-0.523598776	-3.878659842	-1.39829008	-5.1785206	-5.122787677	0.409387	0.7247212	0.3034925	0.3074123	-2.6626133
7125000000	3.036872899	-0.471238898	-4.171990324	-1.763139328	-5.751957252	-5.020020609	0.3826493	0.6663249	0.2659526	0.3147733	-3.8995226
7125000000	3.036872899	-0.41887902	-4.3401794	-0.781248984	-6.004337628	-5.344122996	0.3681138	0.8353627	0.2509379	0.2921378	-3.5987843
7125000000	3.036872899	-0.366519143	-4.351611066	-0.030293462	-6.02147157	-6.107822406	0.3671461	0.9930489	0.2499498	0.2504029	-3.3667534
7125000000	3.036872899	-0.314159265	-4.459437073	-0.344921193	-6.206070058	-6.796811313	0.3581429	0.9236509	0.2395482	0.2090831	-3.6390718
7125000000	3.036872899	-0.261799388	-4.775347274	-1.65343959	-6.969425727	-7.090241813	0.3330161	0.6833702	0.2009358	0.1954231	-4.5199613
7125000000	3.036872899	-0.20943951	-5.231613412	-3.34167227	-8.634682093	-7.357313501	0.2998049	0.4632685	0.1369405	0.1837675	-5.6711834
7125000000	3.036872899	-0.157079633	-5.671255243	-4.604056742	-10.26596593	-7.741251373	0.2709408	0.3464131	0.0940597	0.1682189	-6.577587
7125000000	3.036872899	-0.104719755	-5.969069761	-5.297224064	-10.205724202	-8.018592389	0.252984	0.2953096	0.0953735	0.1578123	-6.9816766
7125000000	3.036872899	-0.052359878	-6.205739126	-5.89240728	-9.506481061	-8.168761212	0.2395665	0.2574894	0.1120345	0.1524488	-7.2036777
7125000000	3.036872899	-4.44E-16	-6.404297459	-6.92923506	-9.885709969	-7.705971856	0.2288602	0.202804	0.1026666	0.169591	-5.236677
7125000000	3.036872899	0.052359878	-6.271927004	-8.831371355	-10.8578047	-6.376018701	0.2359431	0.1308769	0.0820766	0.2303553	-7.7002916
7125000000	3.036872899	0.104719755	-5.712845977	-11.33266365	-11.65008337	-5.451096846	0.2683585	0.0735756	0.0683899	0.2850298	-7.5985417
7125000000	3.036872899	0.157079633	-5.13968888	-12.34408158	-12.92699596	-5.859192253	0.3062183	0.0582897	0.0509683	0.2594662	-7.7279321
7125000000	3.036872899	0.20943951	-4.916136132	-10.93243558	-13.27047744	-7.706607767	0.3223936	0.0806782	0.0470926	0.1695662	-8.0985708
7125000000	3.036872899	0.261799388	-5.158911484	-9.111494438	-11.21867304	-9.195629839	0.3048659	0.1227017	0.0755323	0.1203475	-8.0726019
7125000000	3.036872899	0.314159265	-6.034720316	-7.848092156	-8.92630606	-6.753829109	0.2491885	0.1641311	0.1282144	0.2111626	-7.2544002
7125000000	3.036872899	0.366519143	-7.516706646	-7.228163274	-7.568406731	-3.967973776	0.1771452	0.1893144	0.1750489	0.4010538	-6.2774995
7125000000	3.036872899	-7.869413903	-6.825098131	-6.525098131	-6.525098131	-2.918663663	0.1633272	0.2077257	0.2221995	0.5106621	-5.5912455
7125000000	3.036872899	0.471238898	-5.466526131	-6.159892705	-4.993589191	-3.137442282	0.284019	0.2421089	0.3166949	0.4855474	-4.7873205
7125000000	3.036872899	-0.523598776	-2.808108177	-5.383087749	-3.067732609	-2.88057241	0.5238286	0.2895284	0.4934267	0.5151607	-3.4152485
7125000000	3.036872899	0.575958653	-1.284718599	-4.972539577	-5.455955664	-1.333770672	0.7439233	0.3182336	0.6990972	0.7355682	-2.0453151
7125000000	3.036872899	0.628318531	-1.048832012	-5.053719497	-1.064604567	-0.026881407	0.7854468	0.3123403	0.7825995	0.9938294	-1.4354058
7125000000	3.036872899	0.680678408	-1.948375945	-5.201669537	-1.474332669	0.189149896	0.6385022	0.3018791	0.7121422	1.0445157	-1.7117272
7125000000	3.036872899	0.733038286	-3.011734092	-4.855203838	-1.803419831	-0.469207669	0.4998349	0.3269487	0.6601734	0.8975925	-2.2465364
7125000000	3.036872899	0.785398163	-2.271449252	-4.170669992	-1.200959014	-0.686879298	0.5927275	0.3827657	0.7584038	0.8537133	-1.8916112
7125000000	3.036872899	0.837758041	-0.510835822	-3.590751422	-0.357693435	-0.389517299	0.88903	0.4374464	0.9209386	1.0938348	-0.7815105
7125000000	3.036872899	0.890117919	0.514037188	-3.073288726	-0.474167348	1.338329586	1.1256509	0.4928005	0.8965681	1.3609211	-0.1368288
7125000000	3.036872899	0.942477796	0.60251256	-2.391467083	-1.058968451	1.279846173	1.1488181	0.5765717	0.7068224	1.3427174	-0.2515114
7125000000	3.036872899	0.994837674	0.400427764	-1.685274234	-1.947930071	0.868037599	1.0965862	0.6783793	0.6385676	1.2212477	-0.4158176
7125000000	3.036872899	1.047197551	0.506983575	-1.364712687	-0.896090649	1.384168173	1.1238241	0.7303461	0.8135625	1.3753614	0.0465386
7125000000	3.036872899	1.099557429	0.530520093	-1.620843851	0.334940947	2.14914785	1.1299312	0.6885185	1.0080149	1.7040859	0.6095367
7125000000	3.036872899	1.159177306	-0.014319851	-2.180740353	0.693092968	2.563344414	0.9967082	0.6052377	1.1730305	1.8044026	0.5874659
7125000000	3.036872899	1.204277184	-0.63346786	-2.5005533	0.384852704	2.189217289	0.8642775	0.5622697	1.0926606	1.6554716	-0.7853232
7125000000	3.036872899	1.256637061	-0.330498552	-2.311790697	0.242371741	2.054641953	0.9267234	0.5874272	1.0573948	1.6049599	0.1873433
7125000000	3.036872899	1.308996939	0.568299971	-1.913697451	0.69704447	2.496761767	1.1398035	0.6436211	1.1740983	1.7769594	0.73212
7125000000	3.036872899	1.361356817	1.019761361	-1.850330276	1.148830425	2.775864868	1.2646669	0.6530809	1.3028159	1.8949008	1.0682507
7125000000	3.036872899	1.413716694	0.645186769	-2.144495281	0.730702411	3.232007959	1.1601621	0.5735225	1.1832329	1.7068127	0.9327999
7125000000	3.036872899	1.466076572	-0.306622105	-3.44005456	-0.727747775	1.183714445	0.9318324	0.4528919	0.8457173	1.3133227	-0.5259517
7125000000	3.036872899	1.518436449	-1.257254226	-4.173872813	-2.344117833	-0.09086227	0.7486427	0.3824835	0.582892	0.9729201	-1.7177391
7125000000	3.036872899	1.570796327	-1.868465273	-3.784565594	-2.709461122	-0.941673086	0.6503595	0.4183535	0.5358631	0.8050682	-2.2010704
7125000000	3.036872899	1.623156204	-2.332897714	-2.931095406	-2.290569968	-1.576557646	0.5844	0.5092024	0.5901236	0.6955754	-2.2561051
7125000000	3.036872899	1.675156082	-2.826805414	-2.833271481	-2.663803649	-2.594403649	0.5215782	0.5208023	0.5415162	0.5052495	-2.738583
7125000000	3.036872899	1.72787596	-3.125196348	-3.848157173	-3.767855103	-4.04111675	0.4869455	0.4122724	0.4199663	0.3943595	-3.681675
7125000000	3.036872899	1.782035837	-2.938700737	-5.039572329	-3.845915314	-4.817401327	0.5083115	0.3133594	0.4124853	0.329807	-4.0783346
7125000000	3.036872899	1.832595715	-2.515481186	-4.633153102	-2.799096968	-4.142064961	0.5603403	0.3441	0.5249163	0.3852951	-3.326667
7125000000	3.036872899	1.884955592	-2.350036438	-3.535107458	-2.096347089	-3.294265312	0.5820983	0.4430873	0.6171138	0.4683532	-2.7463232
7125000000	3.036872899	1.93731547	-2.640431368	-3.394085212	-2.359156747	-3.20560387	0.5444486	0.4577111	0.5808772	0.4780129	-2.8797151
7125000000	3.036872899	1.98675347	-2.293550591	-4.297191144	-3.696786966	-3.879821598	0.4684303	0.3717756	0.4268952	0.4092775	-3.6768789
7125000000	3.036872899	2.042035225	-4.217933366	-5.04896222	-6.110027846	-4.884488523	0.3786227	0.3126826	0.2449048	0.3247515	-5.0135814
7125000000	3.036872899	2.094395102	-5.586429208	-4.991372497	-7.82211837	-5.799069573	0.2762849	0.3168566	0.1651156	0.2630832	-5.9288955
7125000000	3.036872899	2.14675498	-7.831216151	-5.443404555	-6.35286451	-6.757033911	0.1647701	0.2855351	0.2315867	0.2110069	-6.5125776
7125000000	3.036872899	2.199114858	-11.4700835	-7.152656097	-4.86128919	-8.497215141	0.0712839	0.1926346	0.3264909	0.1413444	-7.3769498
7125000000	3.036872899	2.251474735	-13.24981799	-9.151053731	-5.018190083	-12.31382451	0.0473171	0.1215891	0.314906	0.0586972	-8.6765267
7125000000	3.036872899	2.303834613	-8.915023587	-9.807027703	-6.66570557	-13.85075314	0.1283801	0.1045435	0.2154912	0.0412026	-9.1220316
7125000000	3.036872899	2.35619449	-6.125544685	-9.268441185	-7.53610654	-7.680070051	0.2440313	0.1183466	0.1763556	0.1743575	-7.4946349
7125000000	3.036872899	2.408554368	-5.803773708	-7.664484007	-6.394687595	-4.474942184	0.2627983	0.1712189	0.2293672	0.3568665	-5.9335302
7125000000	3.036872899	2.460914245	-7.236818321	-6.208914593	-6.263112887	-4.387824047	0.1889375	0.2393914	0.2364224	0.3640974	-5.7987086
7125000000	3.036872899	2.513274123	-9.1806186	-6.003552192	-7.742097766	-9.30108313	0.1207642	0.2509833	0.1681861	0.1981478	-7.3395575
7125000000	3.036872899	2.565634	-11.03856929	-6.71083952	-9.291776108	-9.500474881	0.0787305	0.2132633	0.1177124	0.1121896	-8.8447619
7125000000	3.036872899	2.617993878	-12.86169389	-7.177856906	-9.432586696	-7.331937477	0.0517405	0.1915201	0.1139571	0.1848444	-8.6801099
7125000000	3.036872899	2.6703									

7125000000	3.089232776	-1.256637061	1.477342423	-2.412765893	-0.726803191	0.858707872	1.4051874	0.5737509	0.8459013	1.218627	0.0469387
7125000000	3.089232776	-1.204277184	0.927086193	-1.075547923	-0.274779964	1.281989137	1.2379657	0.7806299	0.9386896	1.3433801	0.3147566
7125000000	3.089232776	-1.151917306	1.185060849	-0.082456746	0.977173641	2.171912862	1.3137299	0.9811927	1.2523259	1.6488885	1.136206
7125000000	3.089232776	-1.09557429	1.783420913	0.162360729	1.188690036	2.685250833	1.5077943	1.0380925	1.3148822	1.855774	1.15506938
7125000000	3.089232776	-1.047197551	1.906123413	-0.034230788	-0.066431971	2.32002527	1.5510019	0.9921491	0.9848199	1.7060924	1.677897
7125000000	3.089232776	-0.994837674	1.453894098	0.039103834	-1.758129397	1.305419773	1.3976212	1.0090446	0.667094	1.3506474	0.4379511
7125000000	3.089232776	-0.942477796	0.975084355	0.486725547	-2.00276986	0.391328693	1.2517236	1.1185942	0.6025212	1.0942911	0.0272807
7125000000	3.089232776	-0.890117919	0.818389313	0.613667443	-1.562918628	-0.007403078	1.207366	1.1517726	0.6977633	0.9982968	0.0595215
7125000000	3.089232776	-0.837758041	0.521519226	-0.08667165	-1.548505252	-0.309188598	1.1275918	0.9802409	0.7000829	0.9312819	-0.2928158
7125000000	3.089232776	-0.785398163	-0.416501327	-1.417698018	-2.625512465	-0.955018579	0.9085522	0.7124898	0.5463209	0.8025981	-1.2799517
7125000000	3.089232776	-0.733038286	-1.98168818	-2.091235593	-3.744025783	-1.971245739	0.6336234	0.6178406	0.422277	0.6351487	-2.3865681
7125000000	3.089232776	-0.680678408	-3.474103372	-1.344192805	-3.986302252	-3.114570086	0.4493551	0.7338051	0.3993648	0.4881384	-2.8595049
7125000000	3.089232776	-0.628318531	-4.00226786	-0.588970413	-3.826936242	-3.947324582	0.3978993	0.8731783	0.4142918	0.4029652	-2.8225988
7125000000	3.089232776	-0.575958653	-3.913017619	-0.754617087	-4.073724172	-4.22442406	0.406161	0.8405011	0.3914061	0.3780573	-2.9754243
7125000000	3.089232776	-0.523598776	-3.992761791	-1.584367298	-4.645654907	-4.315624769	0.3987712	0.6943257	0.3431109	0.3702009	-3.4524395
7125000000	3.089232776	-0.471238898	-4.28930489	-1.897945207	-5.244741109	-4.606306776	0.3724513	0.6459598	0.2989	0.3462337	-3.810255
7125000000	3.089232776	-0.41887902	-4.430133248	-1.152536942	-5.787092284	-5.157977124	0.3605676	0.7669134	0.2638097	0.3049315	-3.7257726
7125000000	3.089232776	-0.366519143	-4.398700566	-0.462099418	-6.032065585	-5.819319981	0.3631867	0.8990629	0.2493408	0.2618593	-3.5324112
7125000000	3.089232776	-0.314159265	-4.547520888	-0.647631123	-6.329343363	-6.320642235	0.3509522	0.8614635	0.2328437	0.2333113	-3.7712035
7125000000	3.089232776	-0.261799388	-4.996916008	-1.735603189	-7.196237774	-6.644391389	0.3164524	0.6705631	0.1907112	0.2355513	-4.5771059
7125000000	3.089232776	-0.20943951	-5.538730943	-3.212178244	-8.932036905	-7.018299421	0.279336	0.4772898	0.1278781	0.1986873	-5.6735485
7125000000	3.089232776	-0.157079633	-5.904591805	-4.404327286	-10.50963759	-7.463631101	0.256768	0.3627165	0.0889275	0.1793234	-6.5377649
7125000000	3.089232776	-0.104719755	-6.07331303	-5.142596714	-10.31780398	-7.901284489	0.2469839	0.3060133	0.0929436	0.1621233	-6.9460889
7125000000	3.089232776	-0.052359878	-6.251329338	-5.787081468	-9.53865642	-8.194001542	0.2370648	0.2638104	0.1112076	0.1515653	-7.1916674
7125000000	3.089232776	-4.44E-16	-6.404297577	-6.92923539	-9.88576913	-7.7059771988	0.2288602	0.202804	0.1026666	0.169591	-7.5453563
7125000000	3.089232776	0.052359878	-6.156763476	-9.054524743	-10.82745692	-6.424533143	0.2422834	0.1243219	0.0826522	0.2277963	-7.7143684
7125000000	3.089232776	0.104719755	-5.501795316	-11.60088116	-11.50762847	-5.51457737	0.2817218	0.0691691	0.076703	0.2808939	-7.554441
7125000000	3.089232776	0.157079633	-4.937975106	-12.15080788	-12.7157021	-5.726986665	0.3207765	0.0609424	0.0535094	0.2674862	-7.5528117
7125000000	3.089232776	0.20943951	-4.795927298	-10.77857128	-13.17463769	-7.297359347	0.3314418	0.0835878	0.0481433	0.186322	-7.8948425
7125000000	3.089232776	0.261799388	-5.129989724	-9.153219449	-11.14069735	-9.124205386	0.3069023	0.1215285	0.0769007	0.1223431	-8.0432547
7125000000	3.089232776	0.314159265	-5.970913704	-7.910255867	-8.619843907	-7.046764102	0.2528766	0.1617985	0.1374091	0.1373893	-7.2730371
7125000000	3.089232776	0.366519143	-6.926213018	-7.379617274	-7.018050874	-4.03301113	0.2029452	0.1828261	0.1986897	0.3950662	-6.1103952
7125000000	3.089232776	0.41887902	-6.539184826	-7.323133377	-5.890567804	-2.993908845	0.2218613	0.1852195	0.0257594	0.0516596	-5.3523528
7125000000	3.089232776	0.471238898	-4.652721082	-7.088495077	-4.476106807	-3.709539244	0.3425531	0.1955017	0.3567708	0.4256436	-4.8133173
7125000000	3.089232776	0.523598776	-2.754240991	-6.478628465	-2.741048539	-3.839771606	0.5303663	0.2249765	0.5319798	0.4130692	-7.1351099
7125000000	3.089232776	0.575958653	-1.531864983	-5.98858019	-1.333398366	-1.653888873	0.7027705	0.25185	0.7356312	0.6832995	-2.2666138
7125000000	3.089232776	0.628318531	-1.269642516	-5.894078401	-0.888499632	0.227855678	0.7465102	0.2573903	0.8149858	1.0538616	-1.5276175
7125000000	3.089232776	0.680678408	-2.110876947	-5.707540834	-1.324735909	0.711901187	0.6150527	0.2686865	0.7371	1.1781262	-1.5506317
7125000000	3.089232776	0.733038286	-3.037894918	-4.838135732	-1.641538238	0.08906343	0.4968331	0.3282362	0.6852455	1.0207193	-1.98762
7125000000	3.089232776	0.785398163	-1.768447703	-3.767203736	-10.72127176	-0.450531243	0.665511	0.2020293	0.7994426	0.9014609	-1.5700971
7125000000	3.089232776	0.837758041	0.248405302	-3.122447234	-0.049875353	0.193746055	1.0588648	0.4872538	0.9885815	1.0456217	-0.4813792
7125000000	3.089232776	0.890117919	1.177384228	-2.88177833	-0.117188128	0.939824068	1.3114098	0.5150177	0.9733772	1.241602	0.0447352
7125000000	3.089232776	0.942477796	1.002346448	-2.726479014	-1.319312379	0.687347724	1.2596058	0.5337675	0.7380211	1.1714797	-0.3352105
7125000000	3.089232776	0.994837674	0.459522752	-2.534900788	-2.266242245	-0.100524633	1.1116096	0.5578403	0.5934386	0.9771192	-0.9151393
7125000000	3.089232776	1.047197551	0.262833618	-2.542237792	-1.445164218	0.323986727	1.0623885	0.5568987	0.7158727	1.0774538	-0.6897286
7125000000	3.089232776	1.099557429	0.164909804	-2.970310288	-0.000935437	1.639475086	1.038702	0.5046252	1.0002154	1.586379	0.002367
7125000000	3.089232776	1.151917306	-0.203185457	-3.63939233	0.611675353	2.239378942	0.9542924	0.4325744	1.1512444	1.6747034	0.2251235
7125000000	3.089232776	1.204277184	-0.353053668	-4.015481807	0.317110966	1.925541166	0.921923	0.3966905	1.0757494	1.5579522	-0.0520844
7125000000	3.089232776	1.256637061	0.244782109	-3.715357738	-0.034030879	1.455783611	1.0579818	0.4250737	0.9921947	1.3982292	-0.1395874
7125000000	3.089232776	1.308996939	1.097233763	-2.978741152	0.299704901	1.485697175	1.2874293	0.5036466	1.0714465	1.4078932	0.2840105
7125000000	3.089232776	1.361356817	1.512316898	-2.454084412	0.869111736	1.545285629	1.4165493	0.5683182	1.2215498	1.4273437	0.6387364
7125000000	3.089232776	1.413716694	1.21002557	-2.63765781	0.631494575	0.88982115	1.3213034	0.5447964	1.1565102	1.2273887	0.263288
7125000000	3.089232776	1.466076572	0.243964396	-3.590333863	-0.745571547	-0.623016561	1.0577827	0.4375187	0.8422535	0.863599	-0.9637903
7125000000	3.089232776	1.518436449	-1.035308475	-4.706271906	-2.356542242	-2.306290388	0.7878965	0.3383552	0.581227	0.5879914	-2.4118837
7125000000	3.089232776	1.570796327	-2.094271711	-4.763589495	-2.604075311	-3.078506002	0.6174088	0.3339189	0.5490254	0.4922088	-3.0264814
7125000000	3.089232776	1.623156204	-2.675027061	-3.844174745	-1.939863179	-3.150061563	0.5401287	0.4126506	0.639755	0.4841655	-2.8468625
7125000000	3.089232776	1.675516082	-2.982986479	-3.41056269	-6.928015385	-3.411118772	0.5031545	0.4559778	0.6415027	0.4559195	-2.8891978
7125000000	3.089232776	1.72787596	-3.090344481	-4.111157556	-2.520856687	-3.924815058	0.4908689	0.3880469	0.5596472	0.4005092	-3.3638805
7125000000	3.089232776	1.780235837	-2.755203244	-5.172901887	-2.547810792	-3.955286889	0.5302488	0.3038854	0.5561846	0.4022269	-3.4858977
7125000000	3.089232776	1.832595715	-2.161193804	-4.735481702	-1.940132702	-3.250109404	0.6079679	0.3360871	0.6397153	0.4731393	-2.8884479
7125000000	3.089232776	1.884955592	-1.777324543	-3.405279295	-1.607283835	-2.649007528	0.6641521	0.4565329	0.6906716	0.5433745	-2.3011867
7125000000	3.089232776	1.93731547	-1.725171837	-2.945195918	-2.128043453	-2.833502229	0.6721757	0.5075518	0.6126263	0.5207746	-2.3786024
7125000000	3.089232776	1.989675347	-1.928517637	-3.711530406	-3.67633737	-3.941046127	0.6414285	0.4254485	0.4289101	0.4035482	-3.2345837
7125000000	3.089232776	2.042035225	-2.516229096	-4.892074886	-6.161408907	-5.616603643	0.5602438	0.3241847	0.2420244	0.2743719	-4.5567616
7125000000	3.089232776	2.094395102	-3.900203148	-5.407175446	-7.596859641	-7.074485677	0.4073612	0.287927	0.1739058	0.1961333	-5.745769
7125000000	3.089232776	2.14675498	-6.543547582	-5.974891857	-6.269103481	-8.118189288	0.2216385	0.2526451	0.2360966	0.1542343	-6.6523749
7125000000	3.089232776	2.199114858	-10.25854931	-7.597119547	-5.31378892	-9.796365577	0.0942204	0.1738954	0.2941854	0.1048005	-7.7786793
7125000000	3.089232776										