

WLAN ANTENNA TEST REPORT

Model Name	NS02V2
Antenna Vendor	WGT
Main Antenna P/N	HH2V2WIPB01+A (43R-NS02V1-0300)
Aux Antenna P/N	
MIMO Antenna P/N	
Antenna Design Type	PIFA
Target Date	2020/11/04

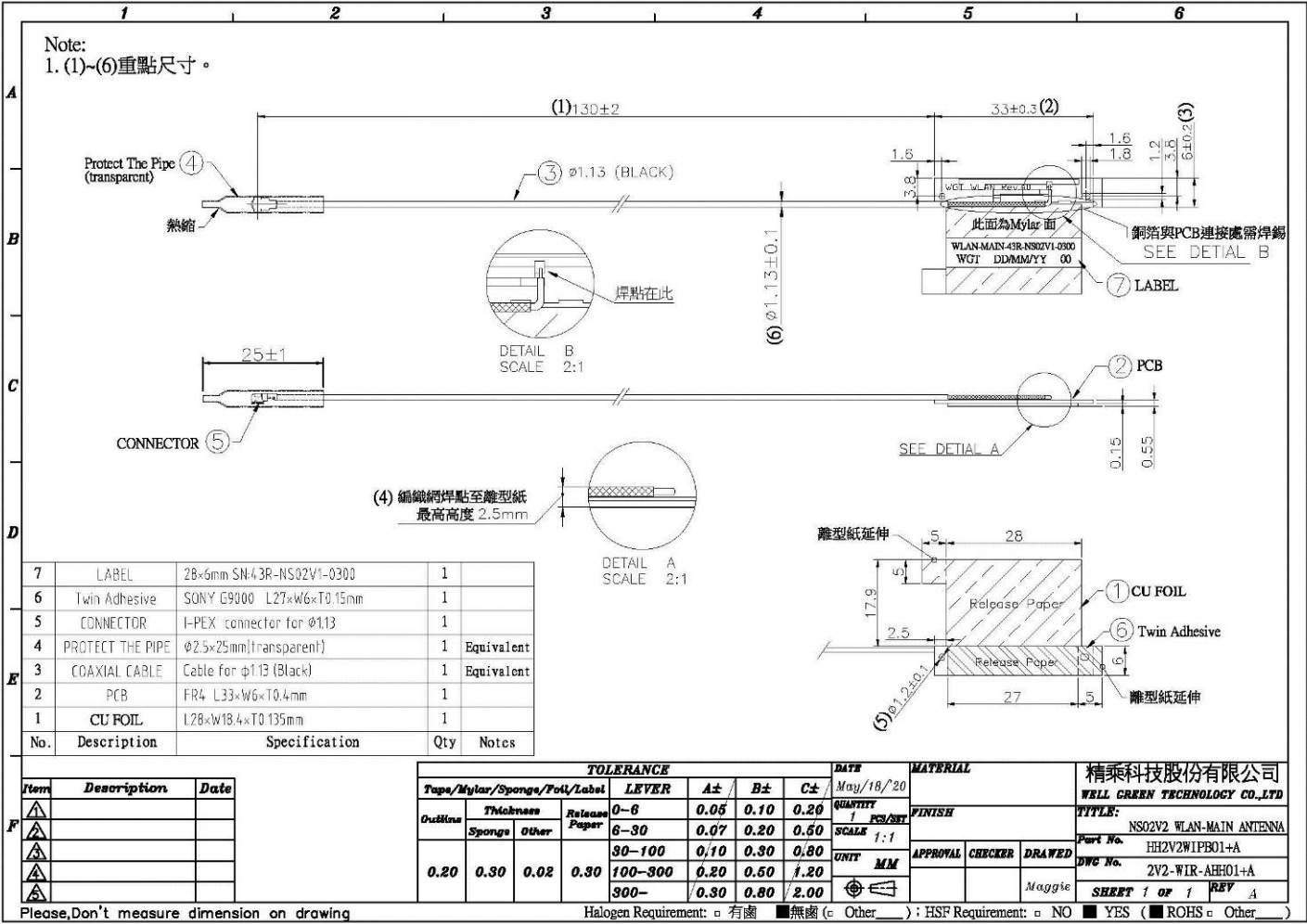
Supervisor	Engineer	Sales
Rick	Andy	Jerry

1. Antenna Test Result Summary

	Main Antenna			
Freq. (MHz)	Return Loss (dBi)	VSWR	Peak Gain (dBi)	AVG. Gain (dBi)
2400	-20.00	1.22	0.77	-3.85
2450	-28.42	1.08	1.11	-3.89
2500	-20.07	1.24	0.78	-3.94
5150	-9.45	2.01	3.17	-3.94
5250	-8.02	2.31	3.2	-3.73
5350	-7.46	2.46	2.82	-3.44
5470	-8.22	2.26	2.47	-3.53
5600	-10.37	1.86	1.64	-3.43
5725	-13.73	1.51	2.22	-3.45
5785	-15.96	1.38	2.69	-3.53
5850	-16.73	1.34	2.63	-3.36

2. Antenna Dimensioned Drawing

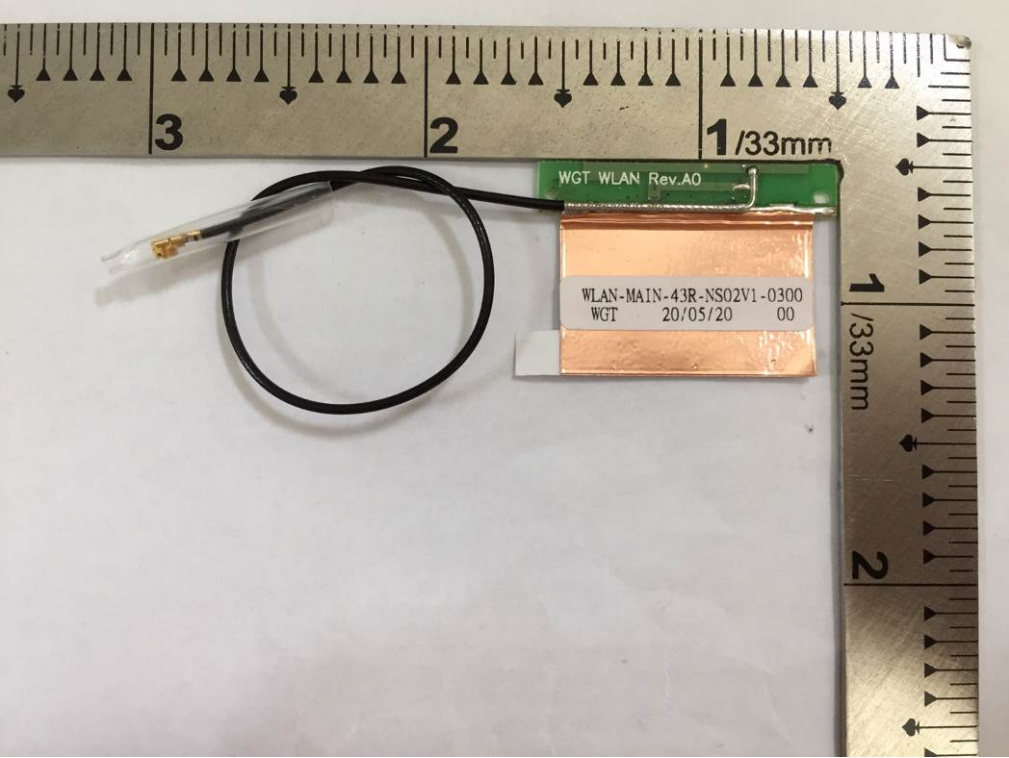
2.1 Main Antenna:



3. WLAN Antenna Host Platform Location

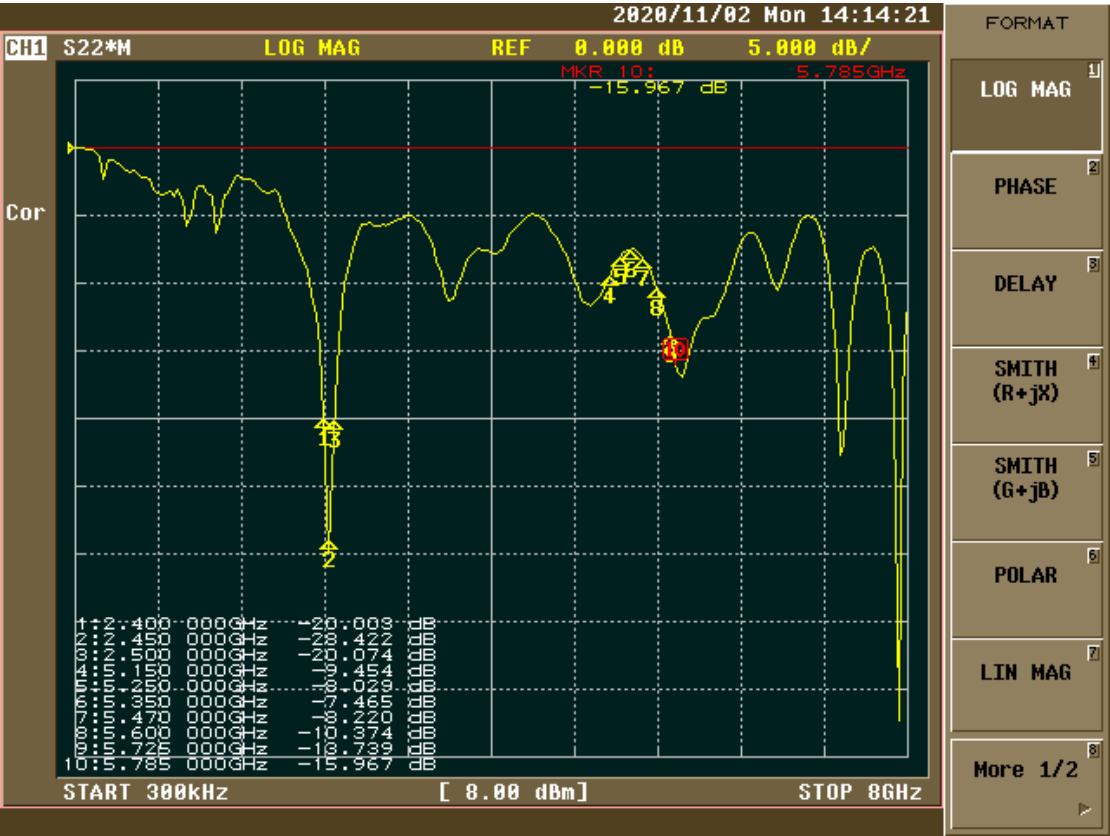


3.1 Main Antenna Photo

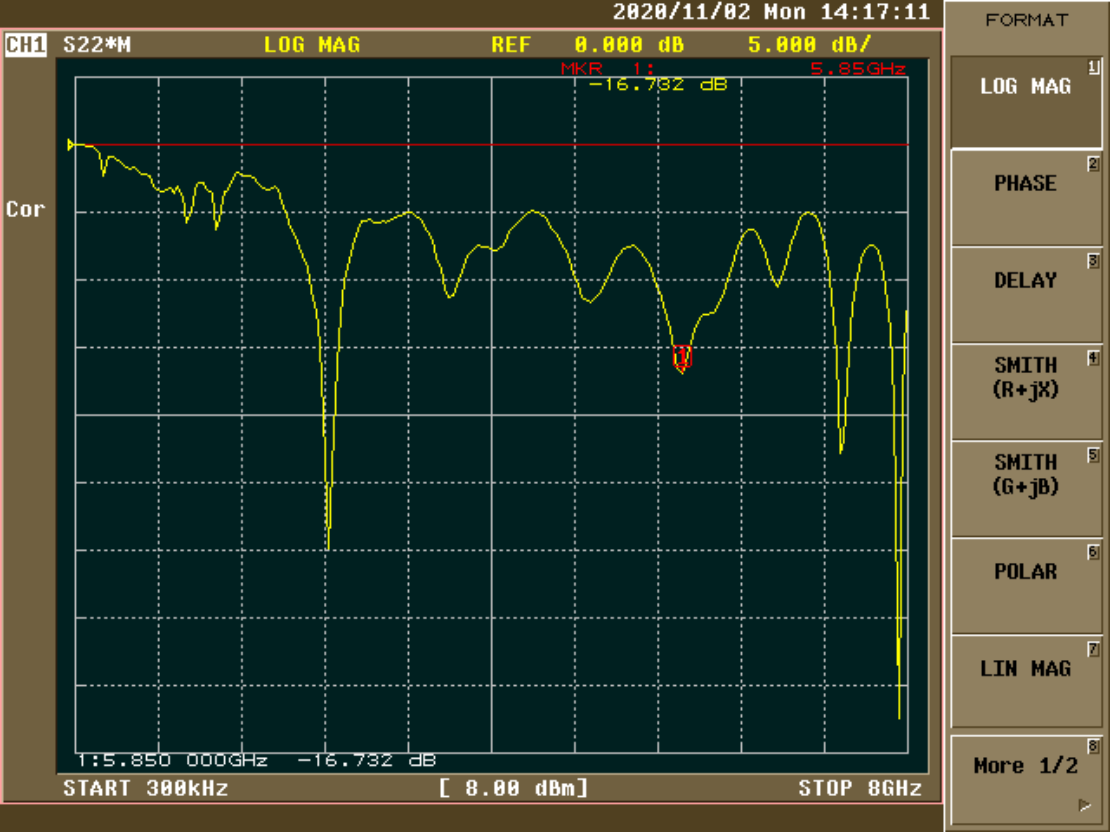


4. Return Loss

4.1.1 Main Antenna (2400MHz ~ 5785MHz)

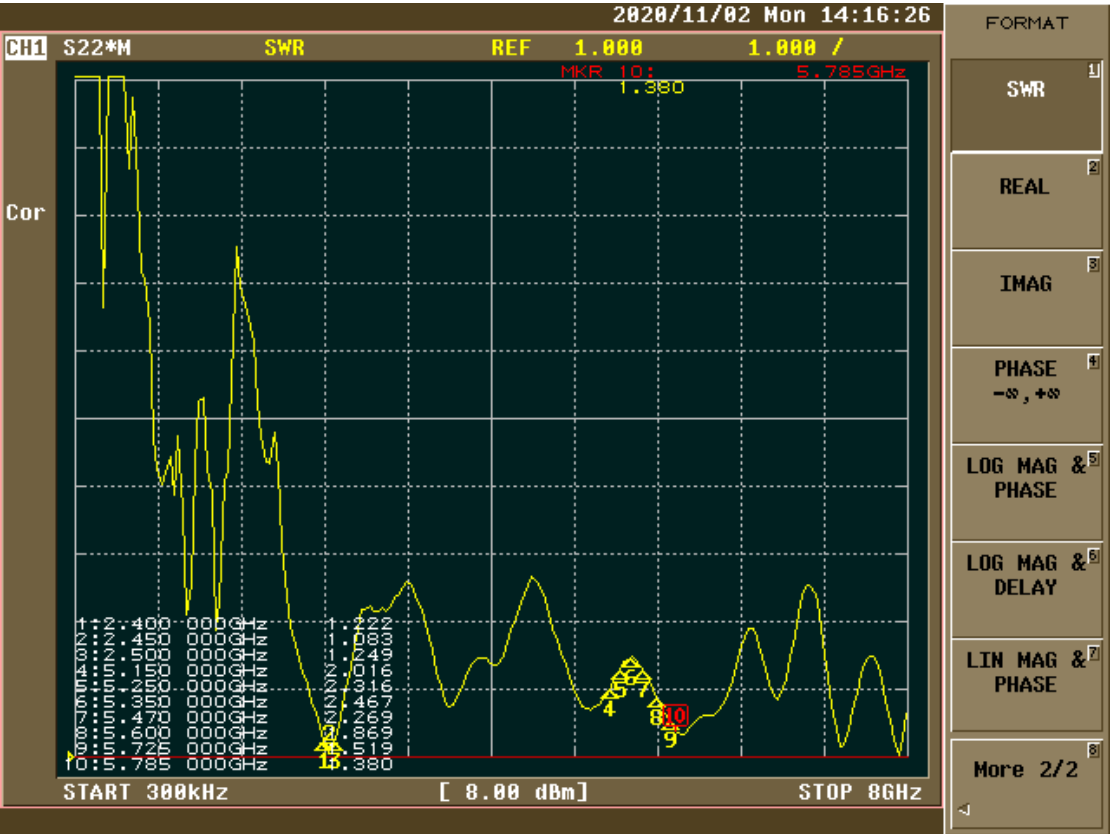


4.1.2 Main Antenna (5850MHz)

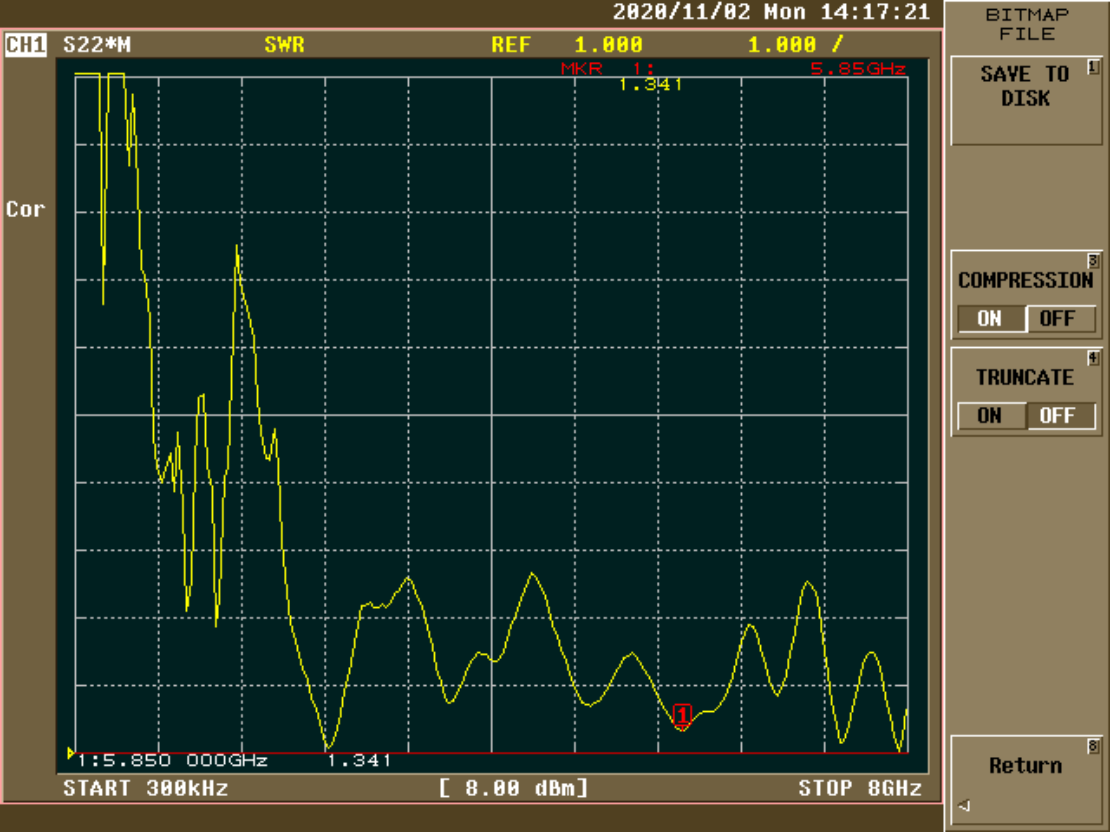


5. VSWR

5.1.1 Main Antenna (2400MHz ~ 5785MHz)



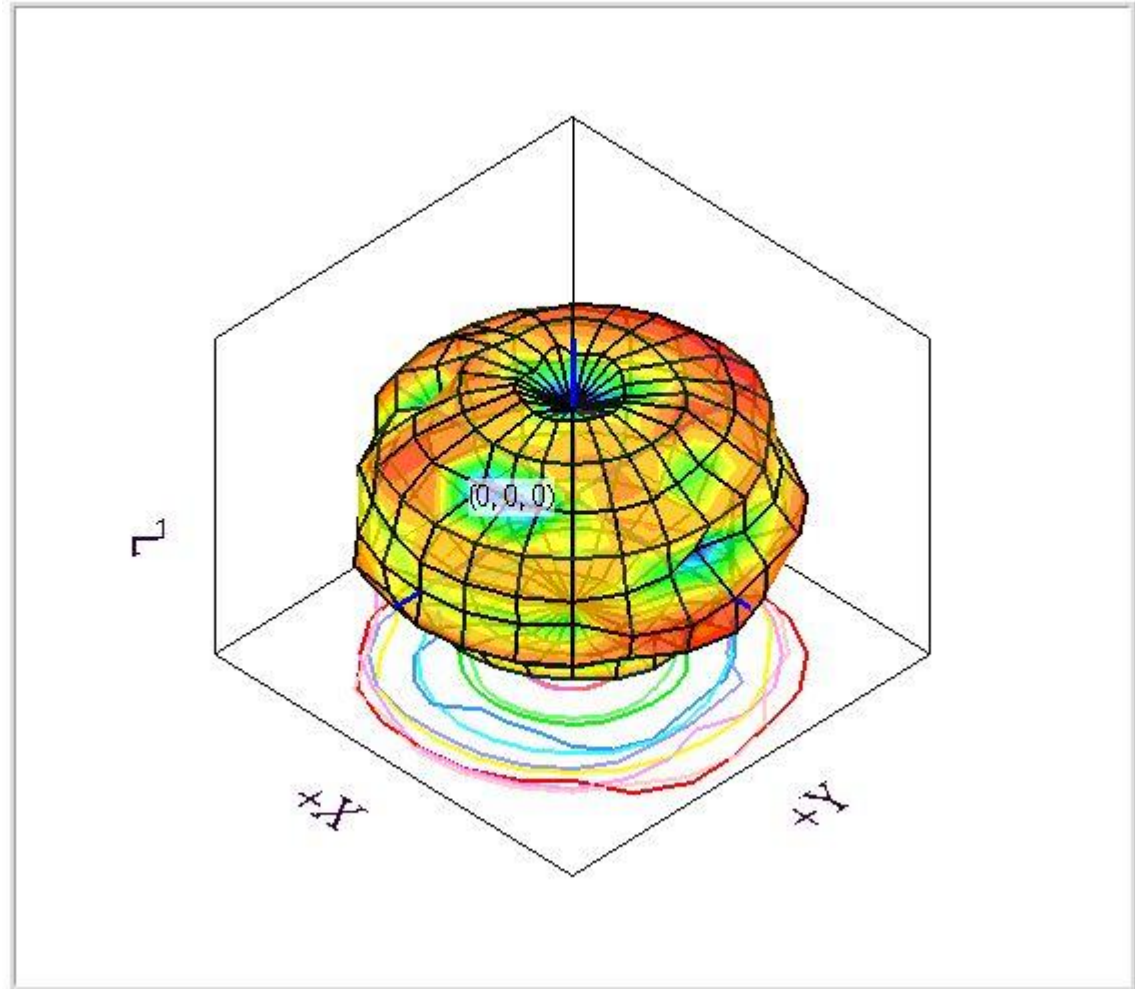
5.1.2 Main Antenna (5850MHz)



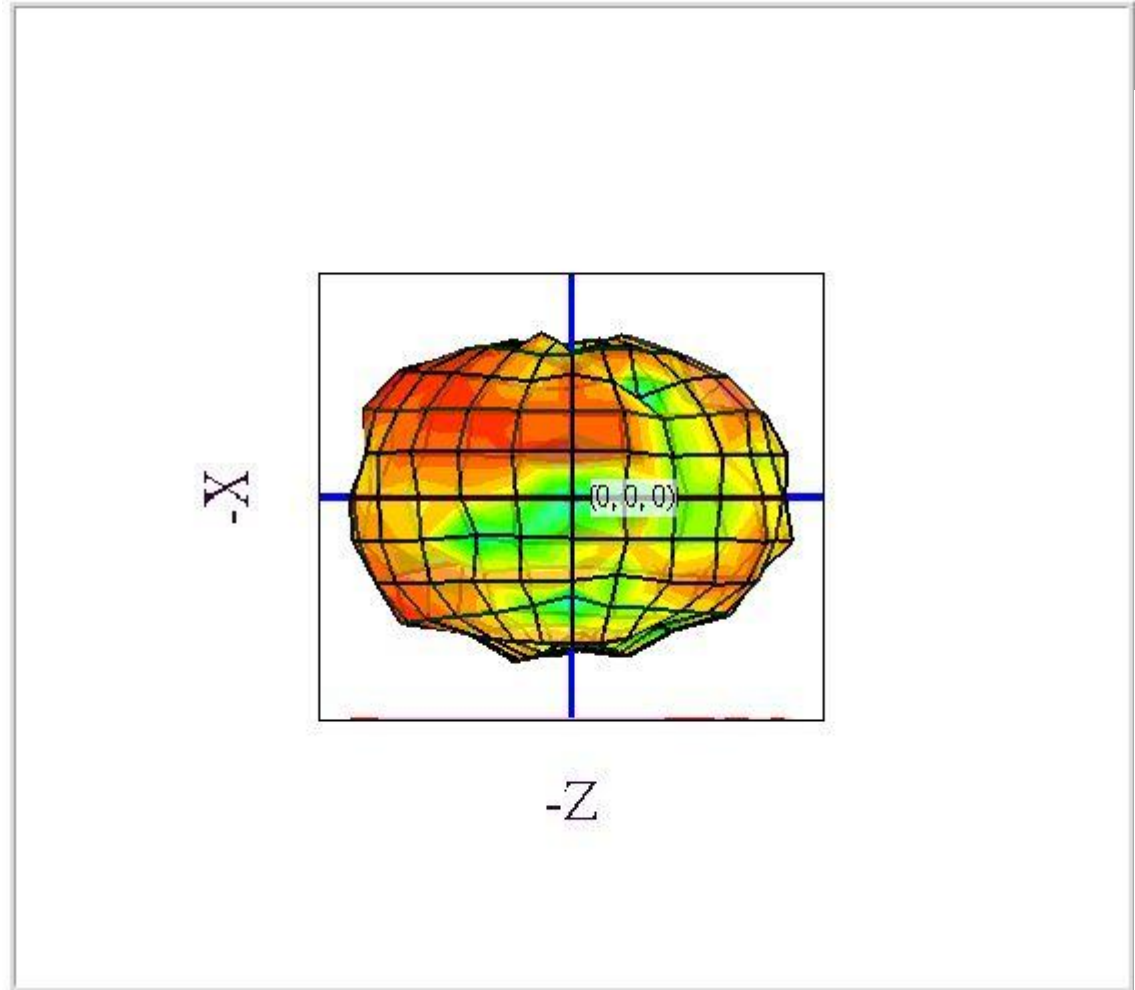
6. Radiation Pattern of 3D

6.1 Main Antenna

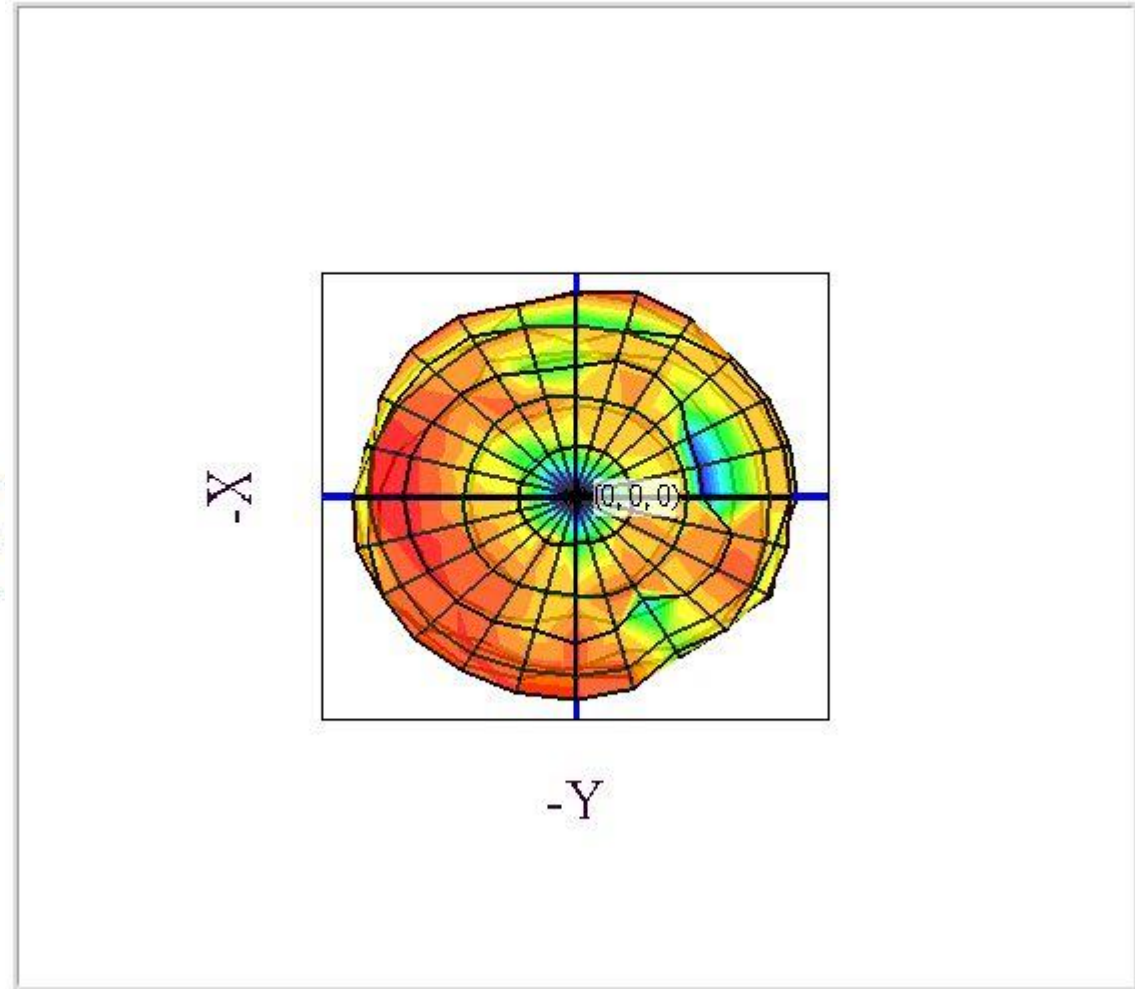
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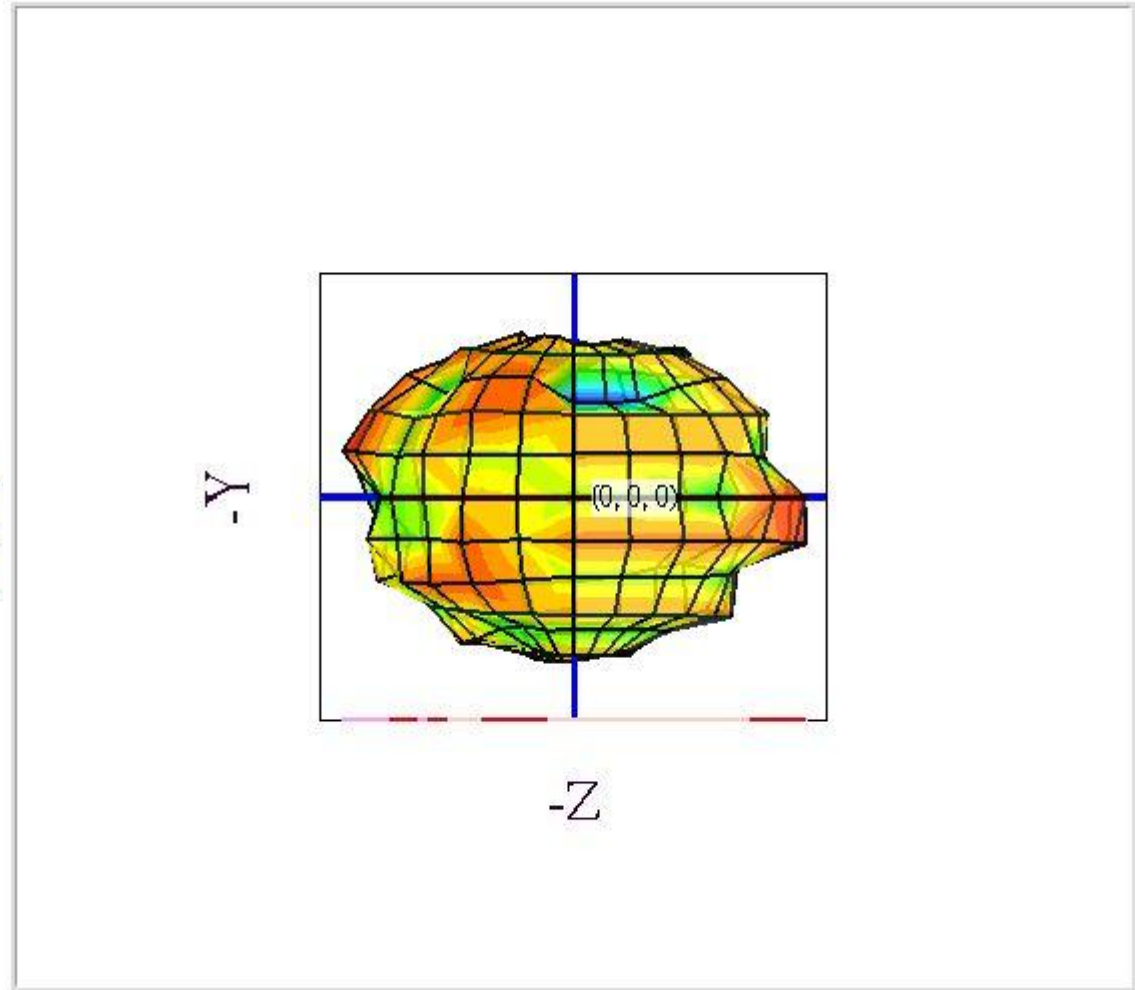
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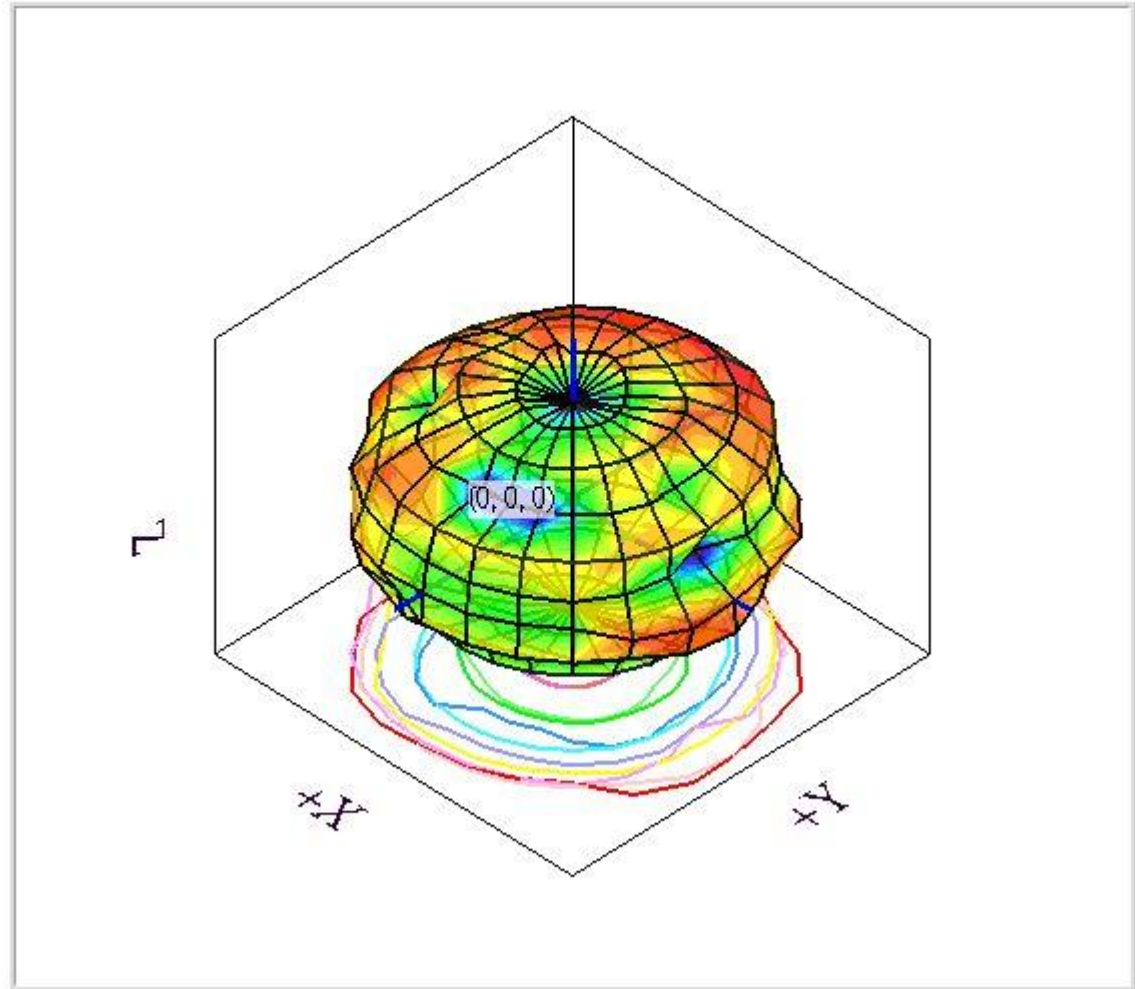
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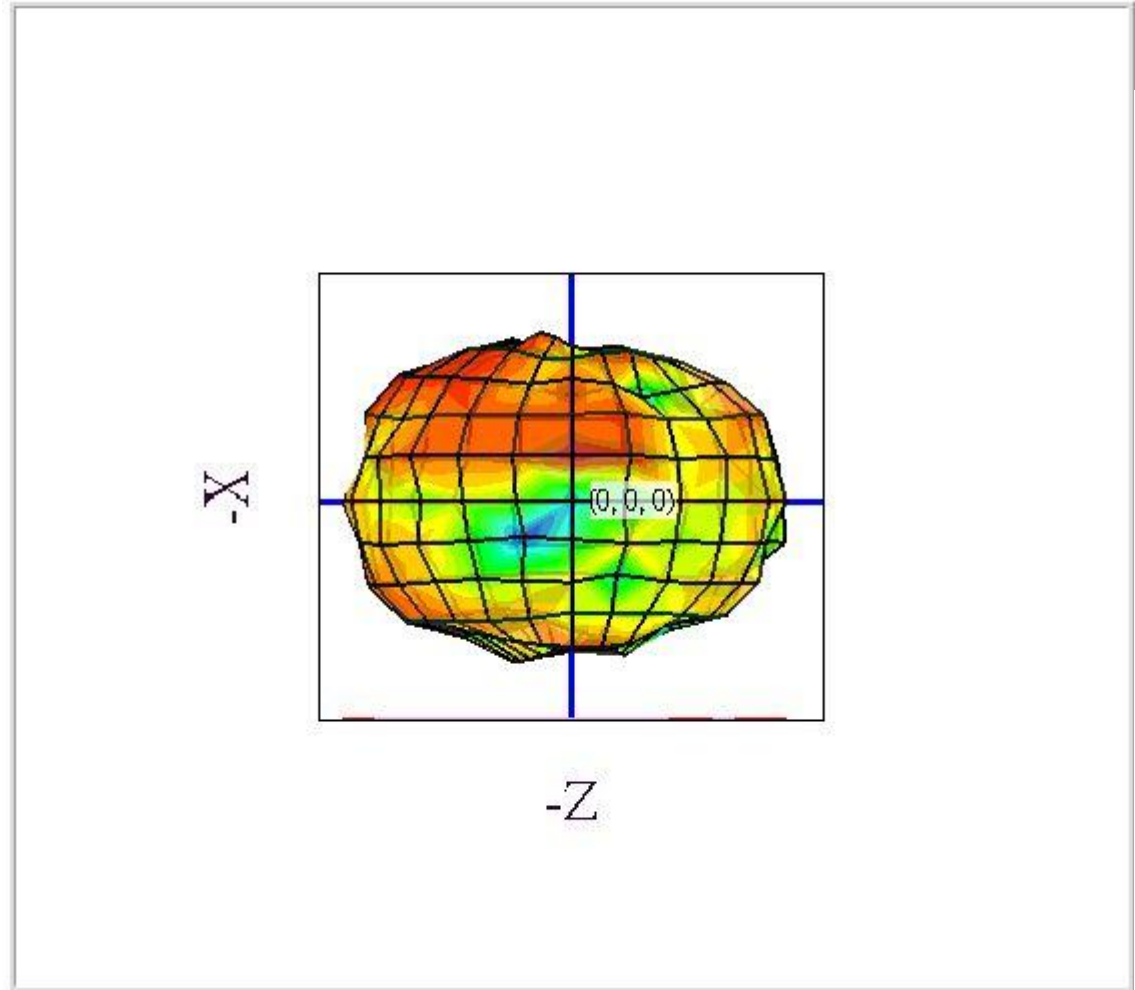
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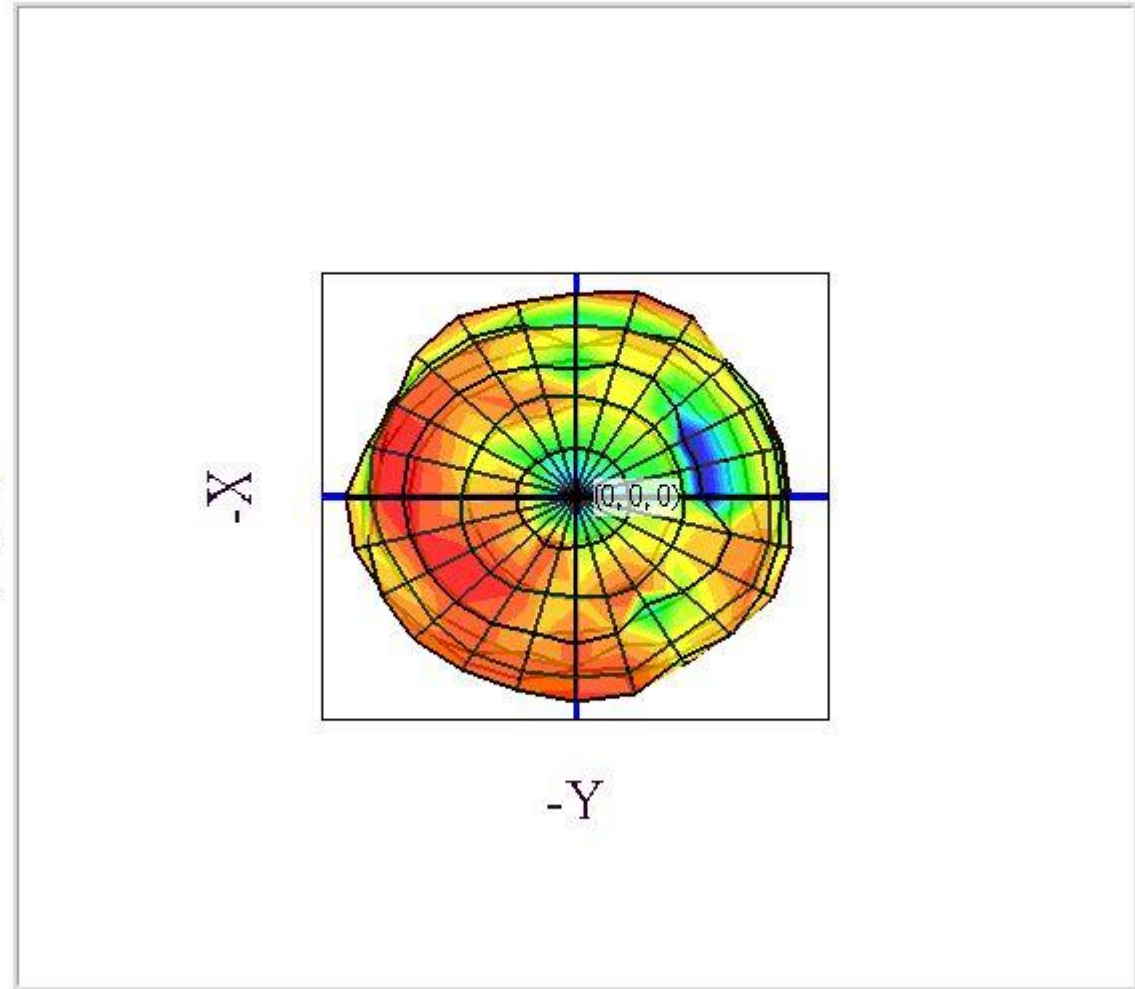
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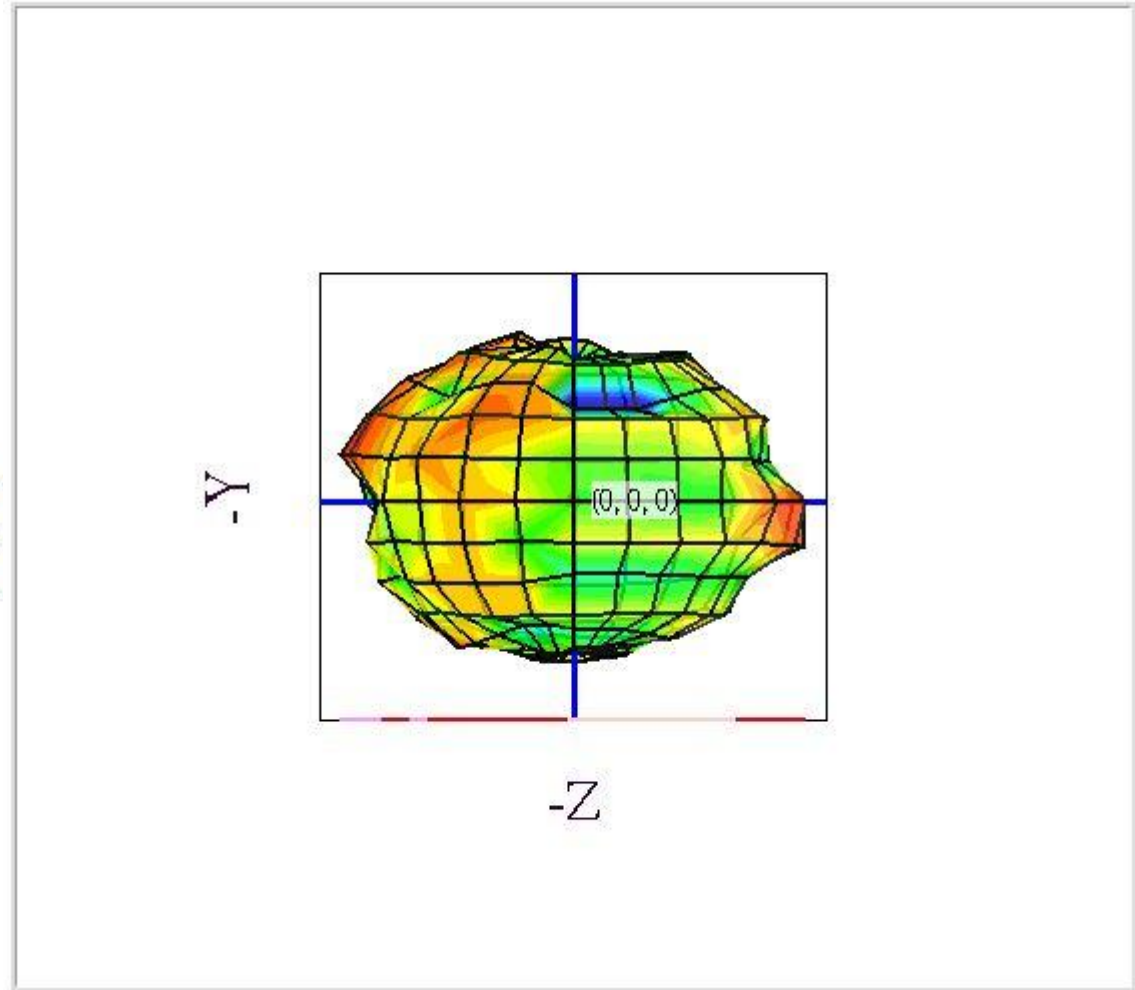
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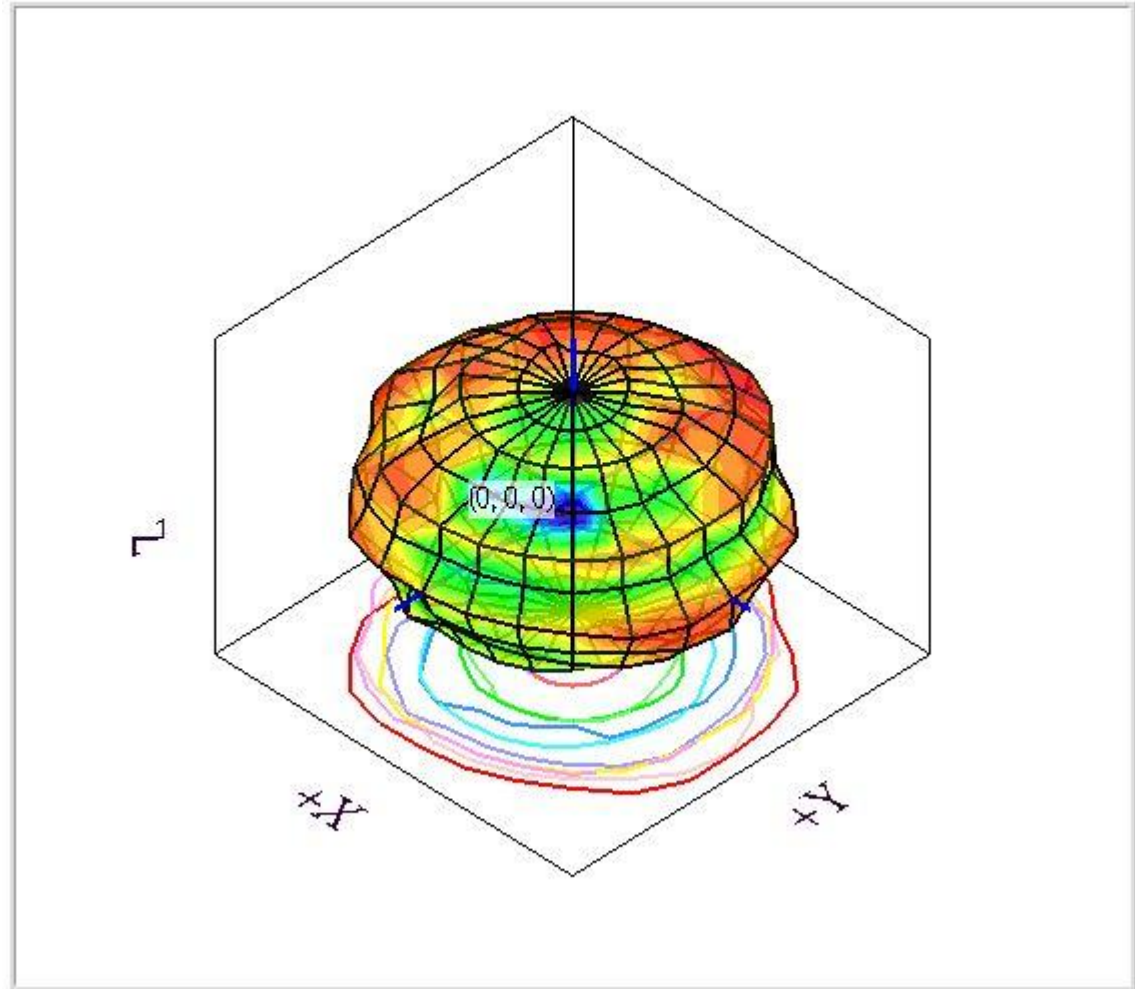
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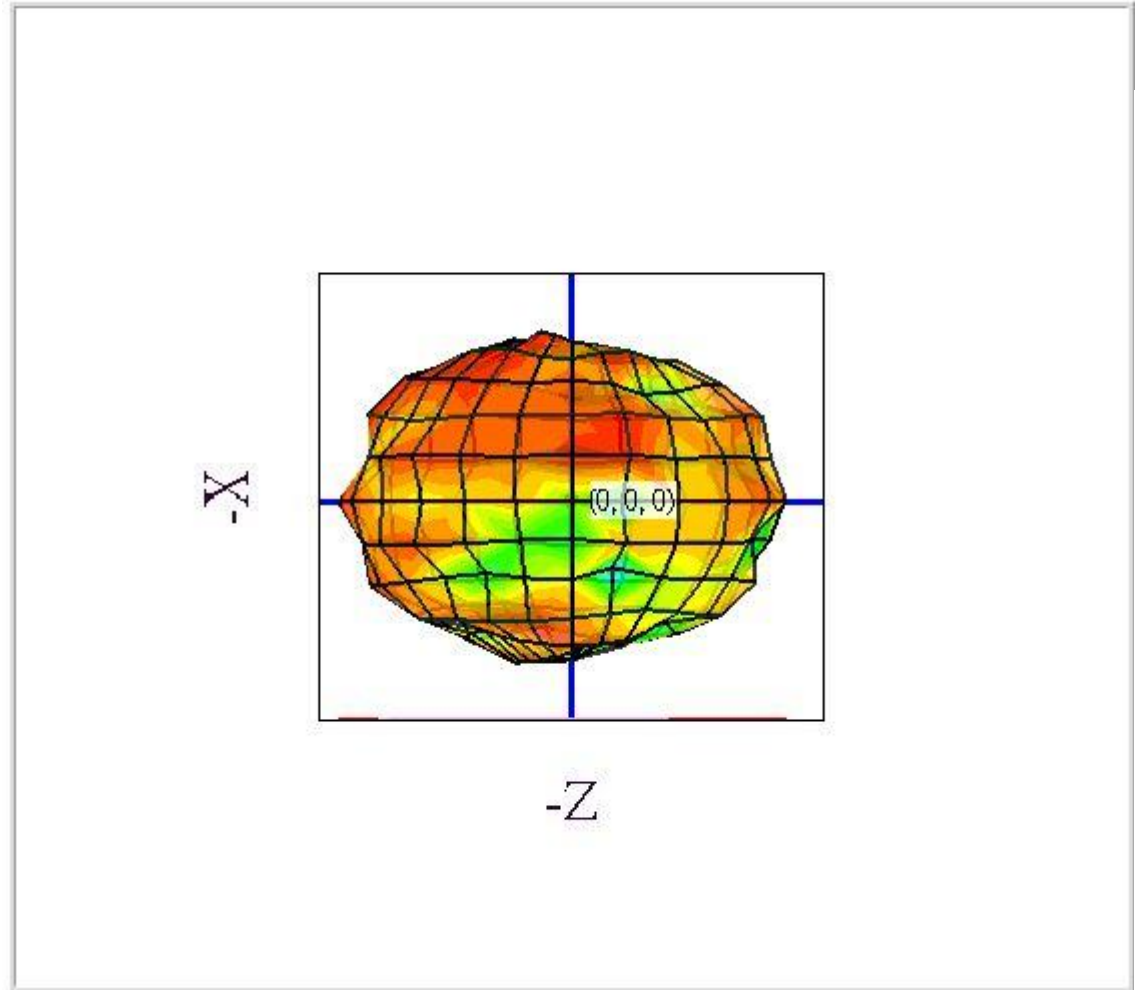
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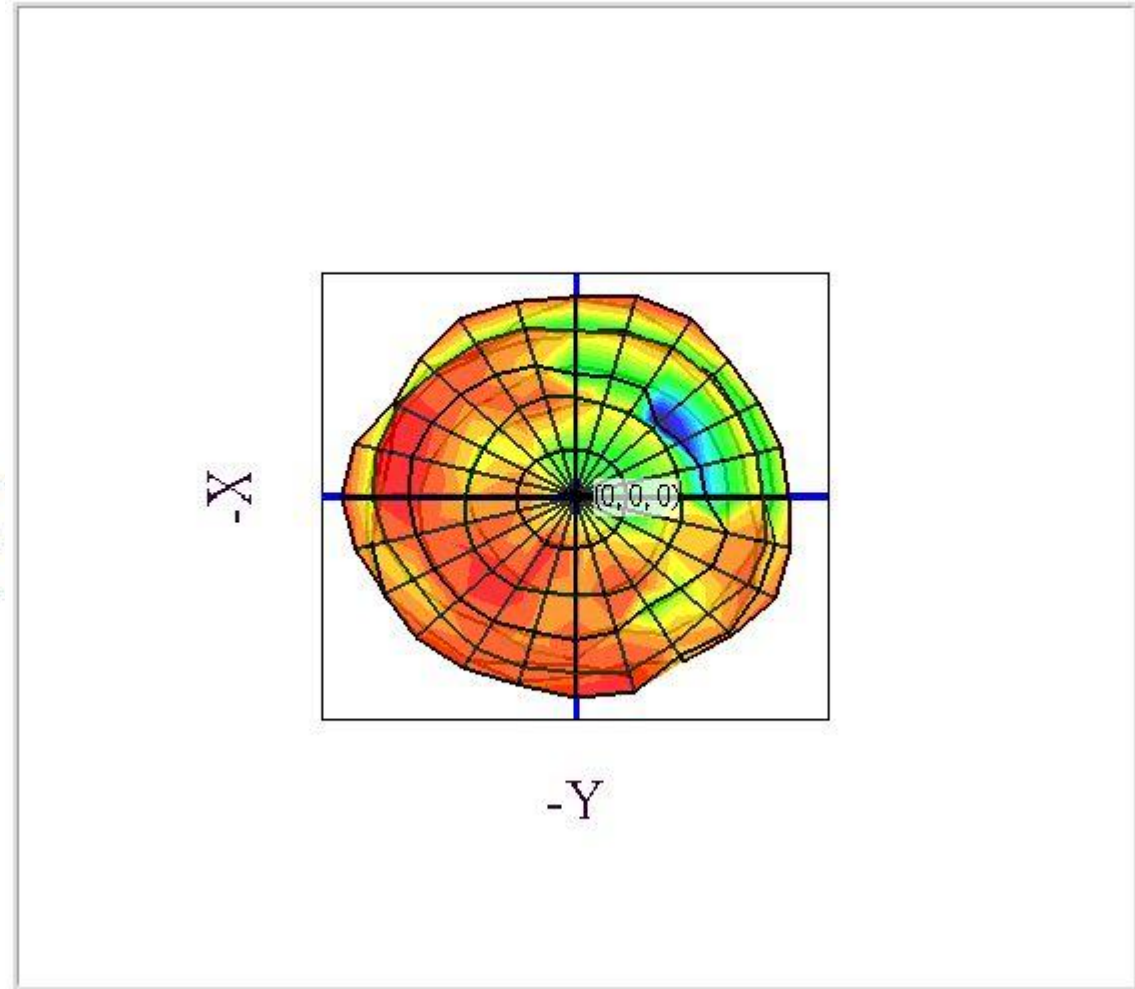
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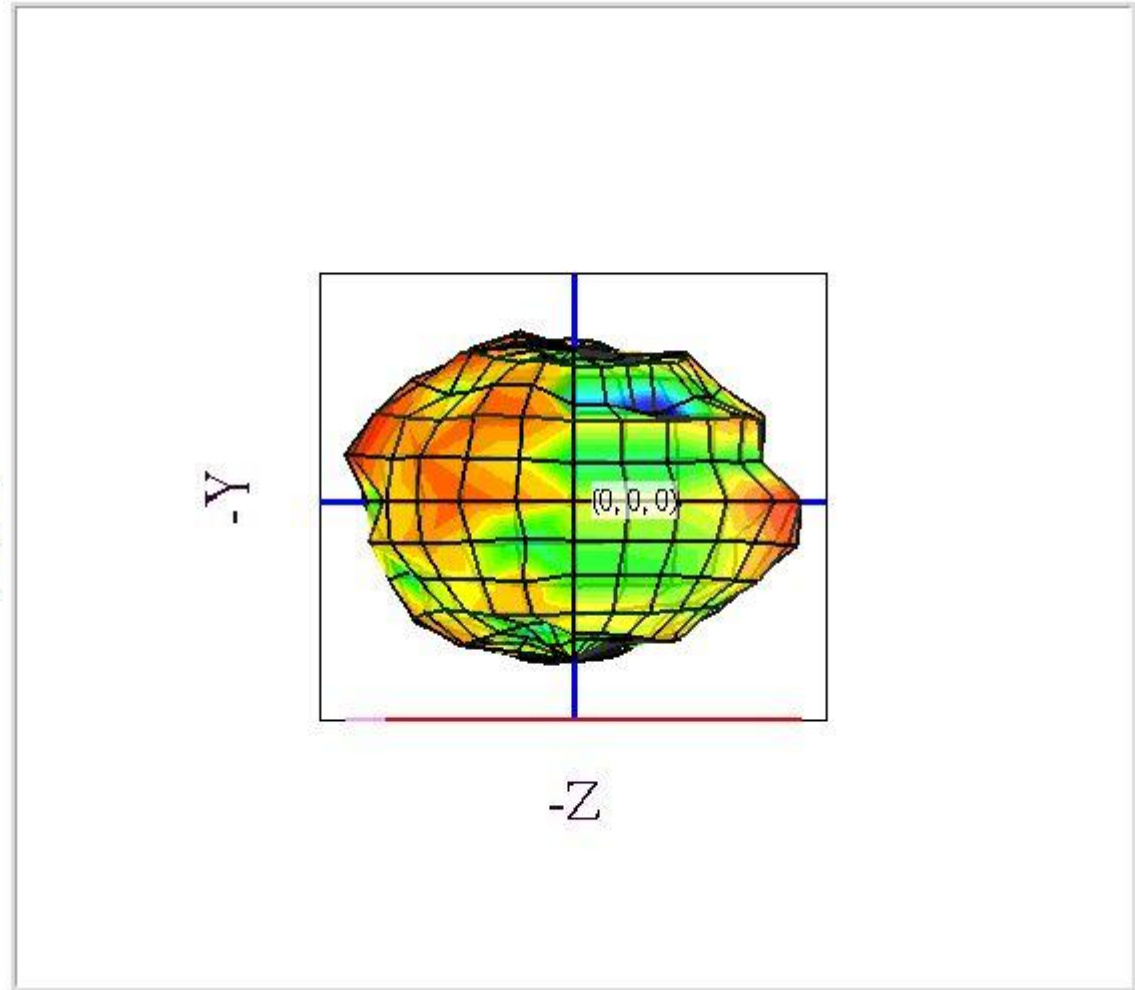
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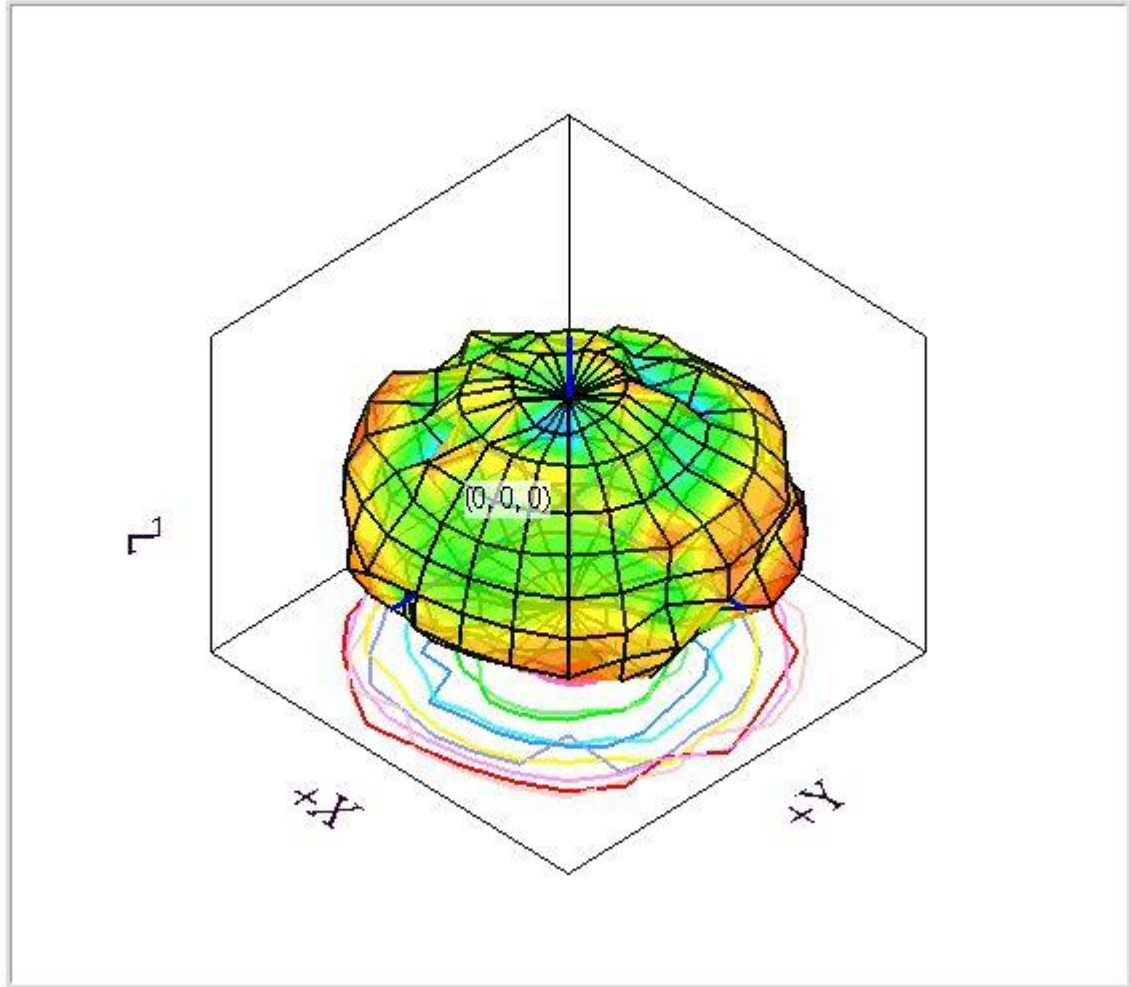
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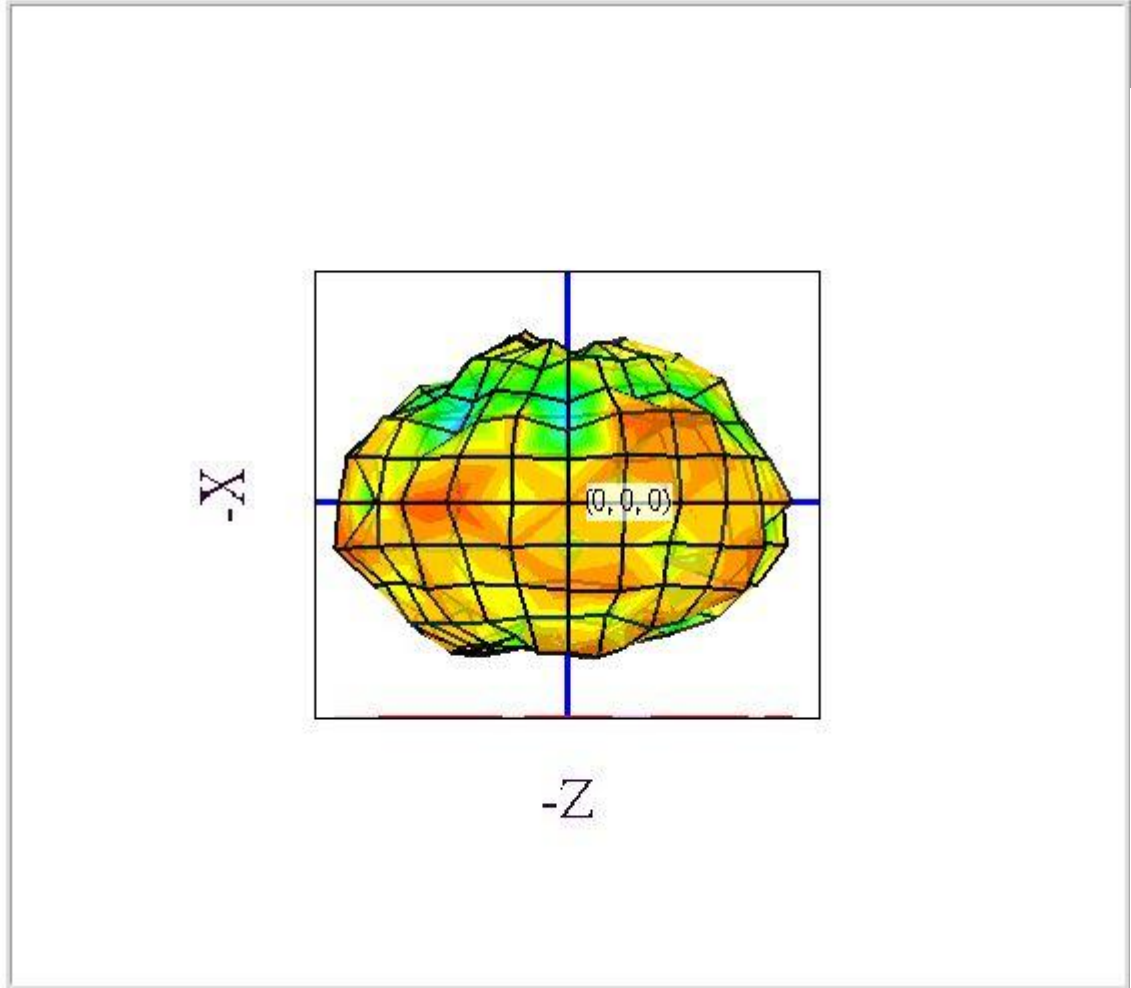
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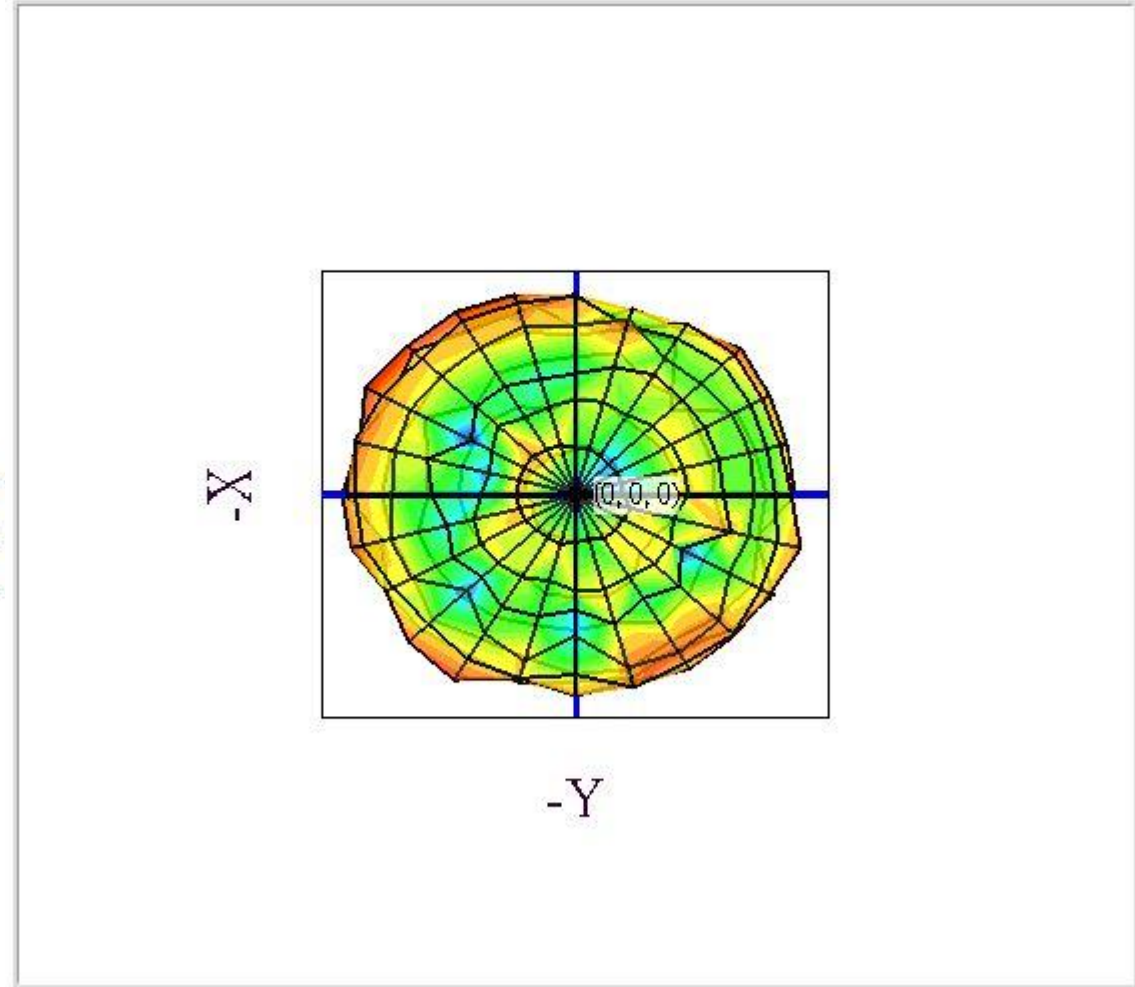
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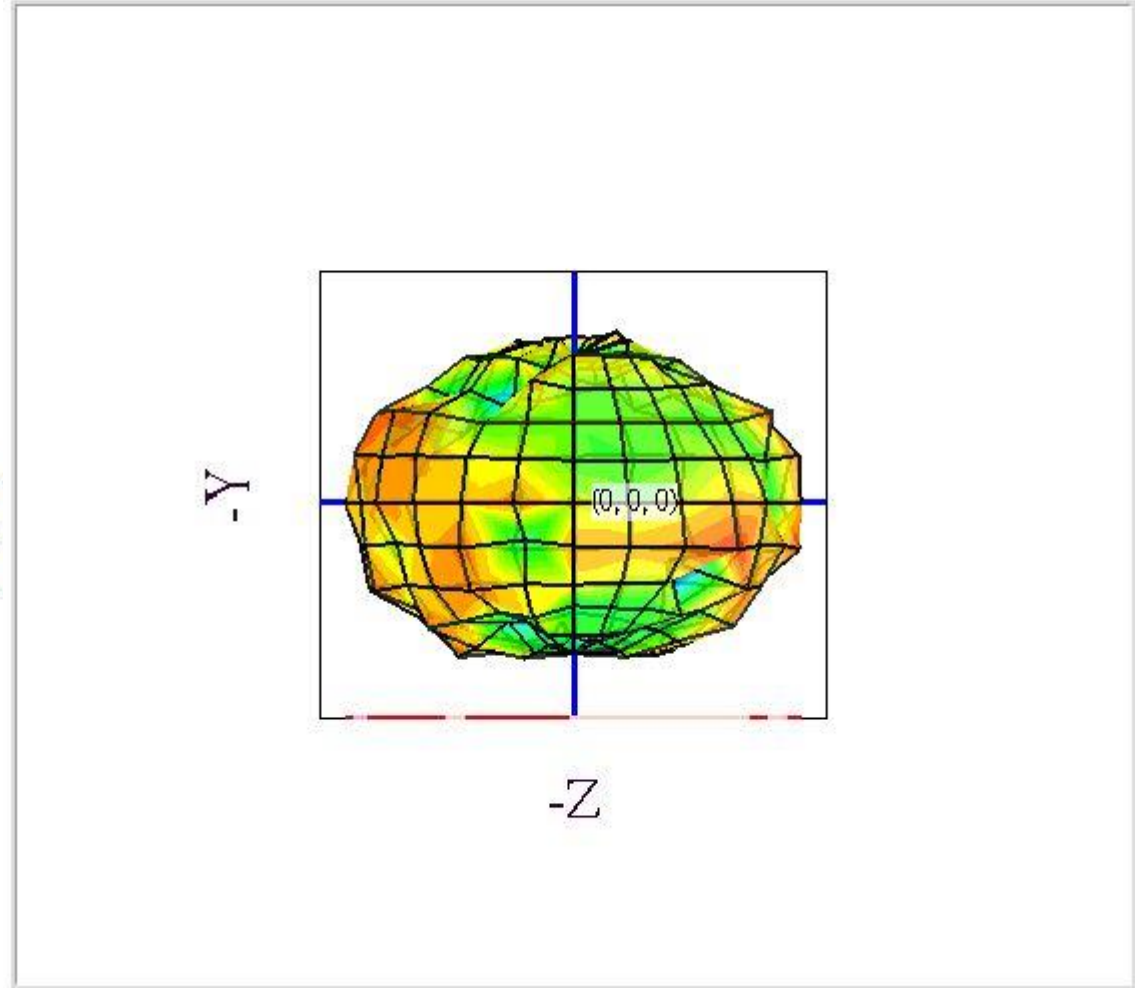
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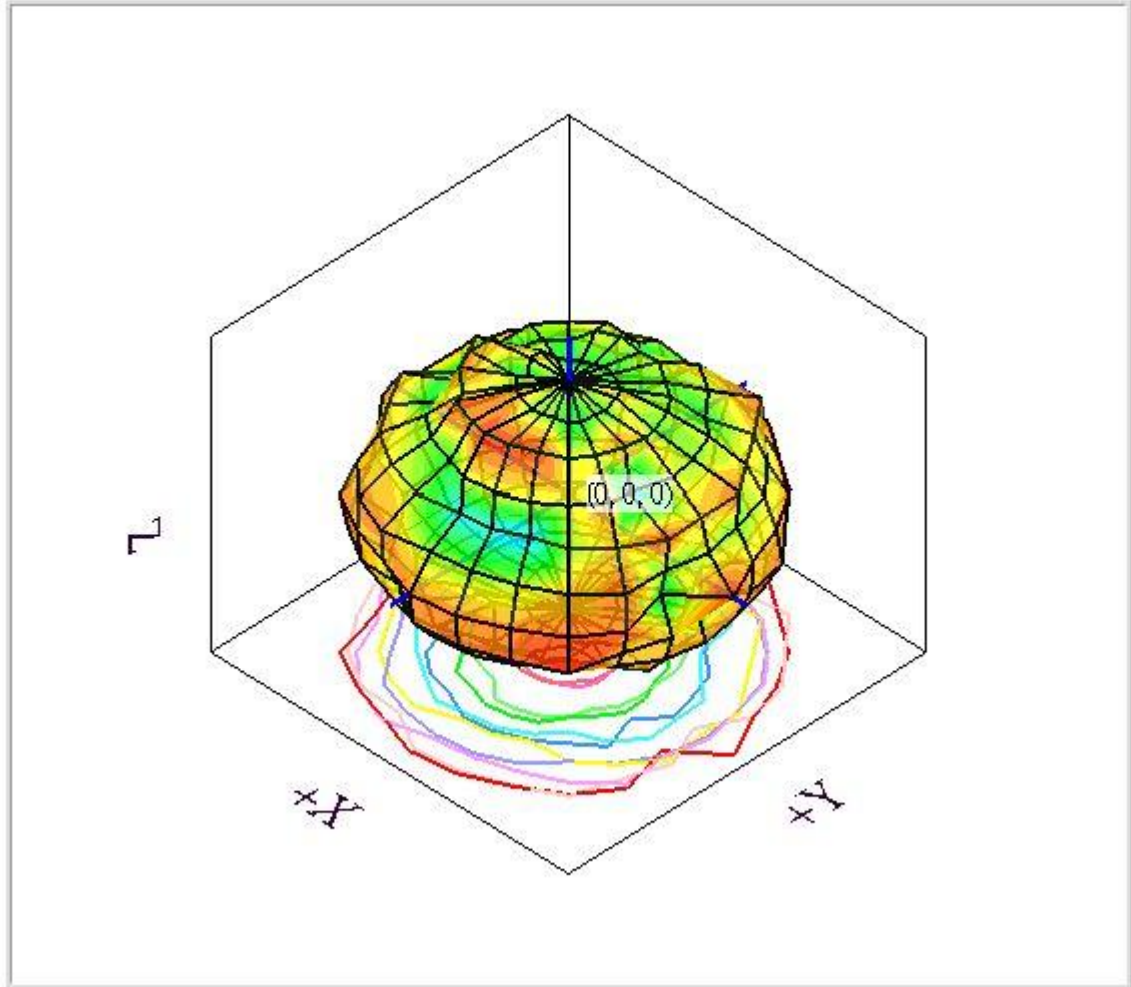
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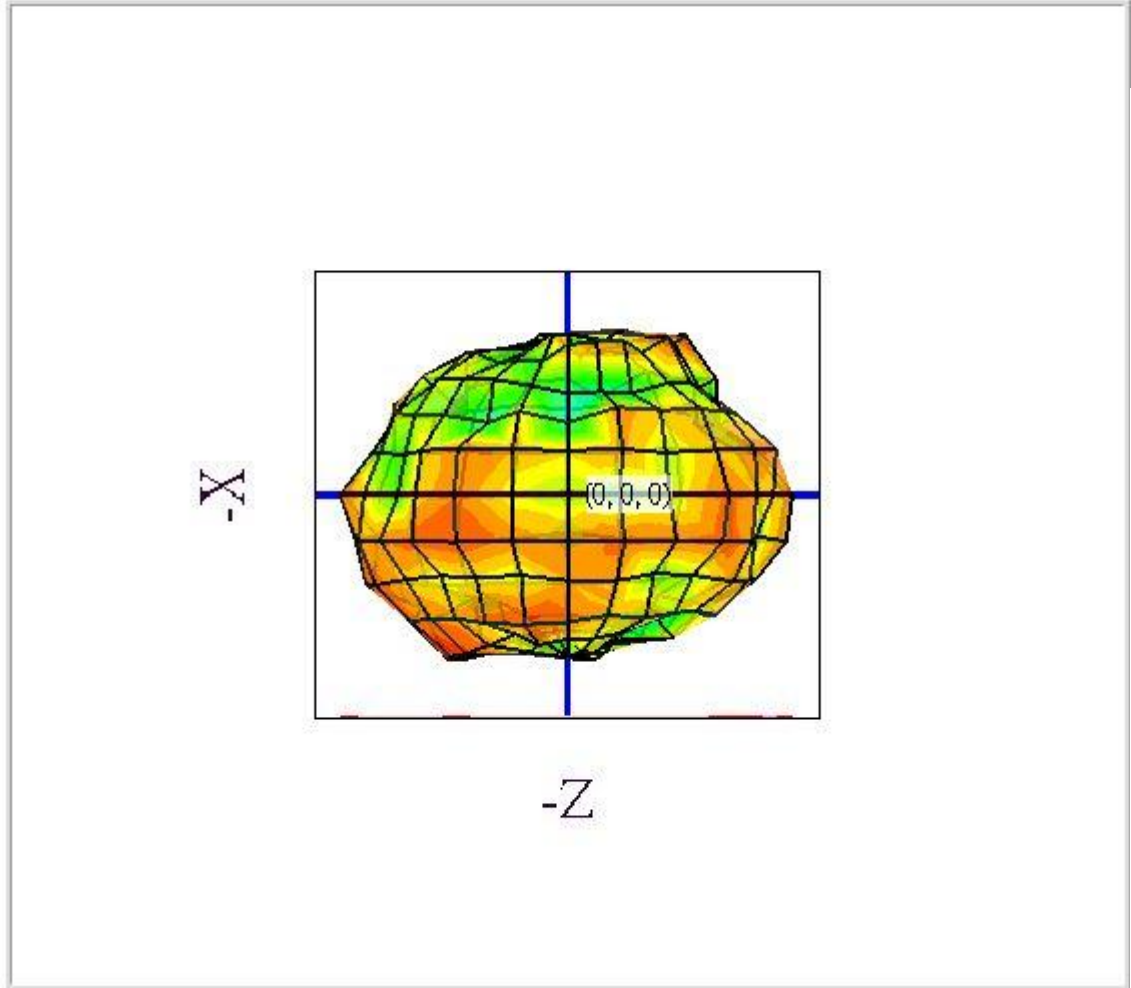
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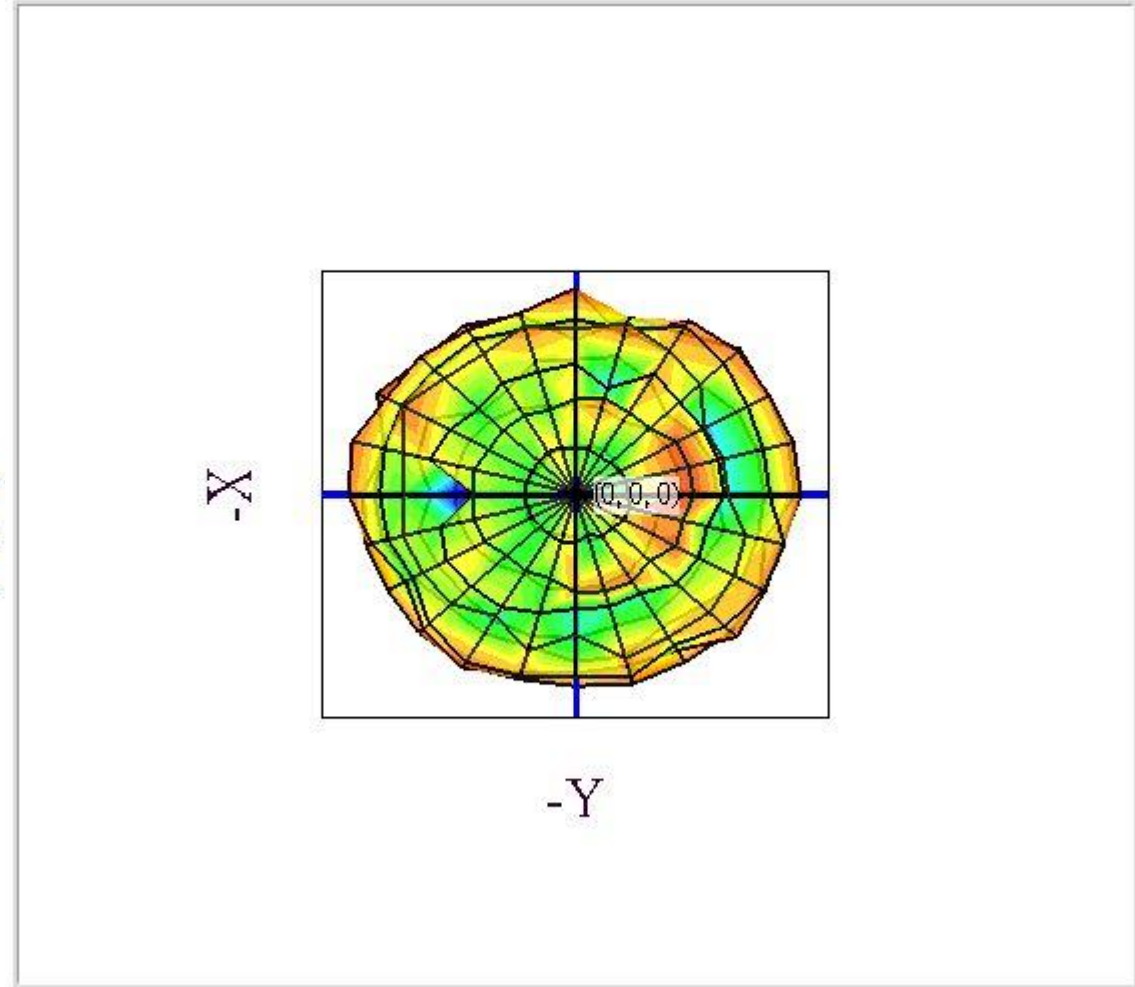
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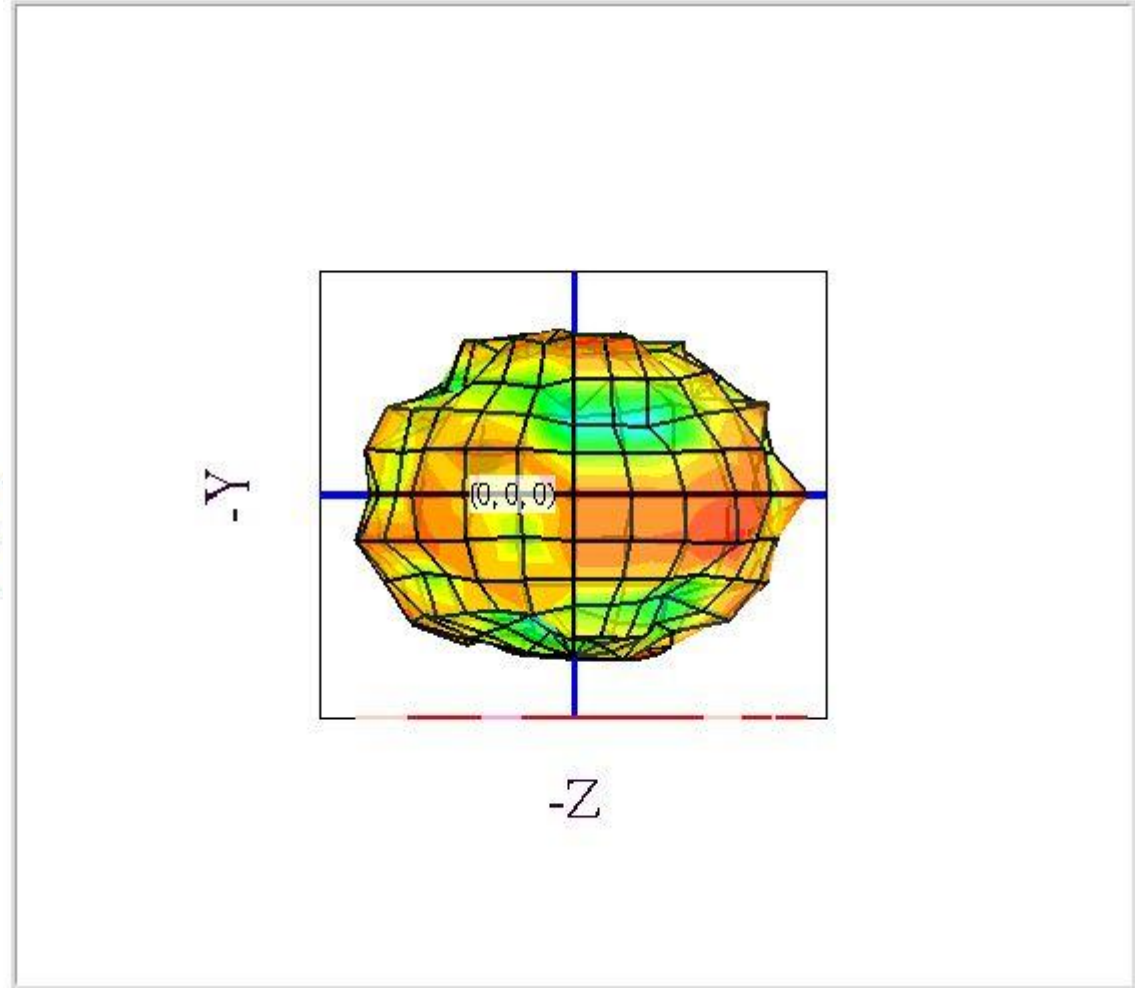
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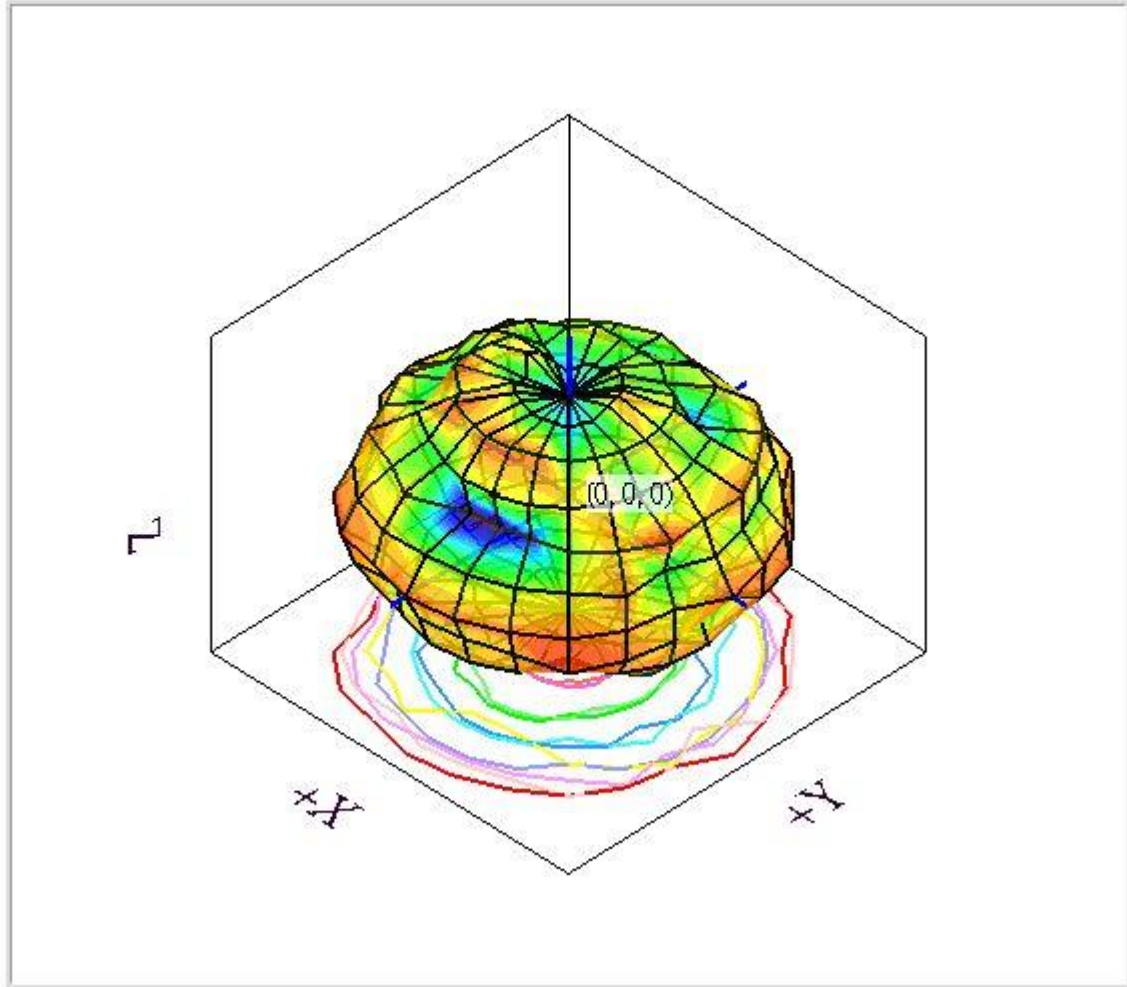
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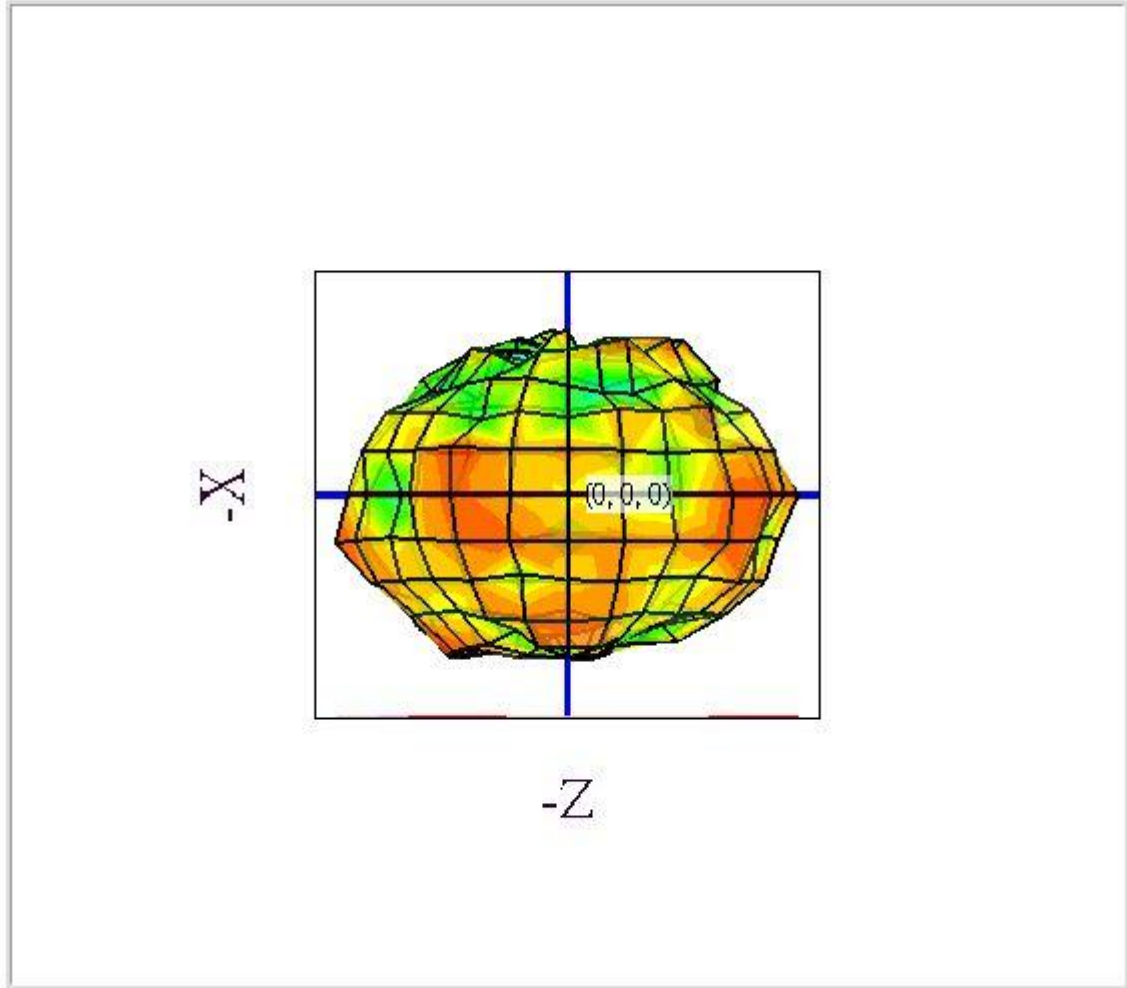
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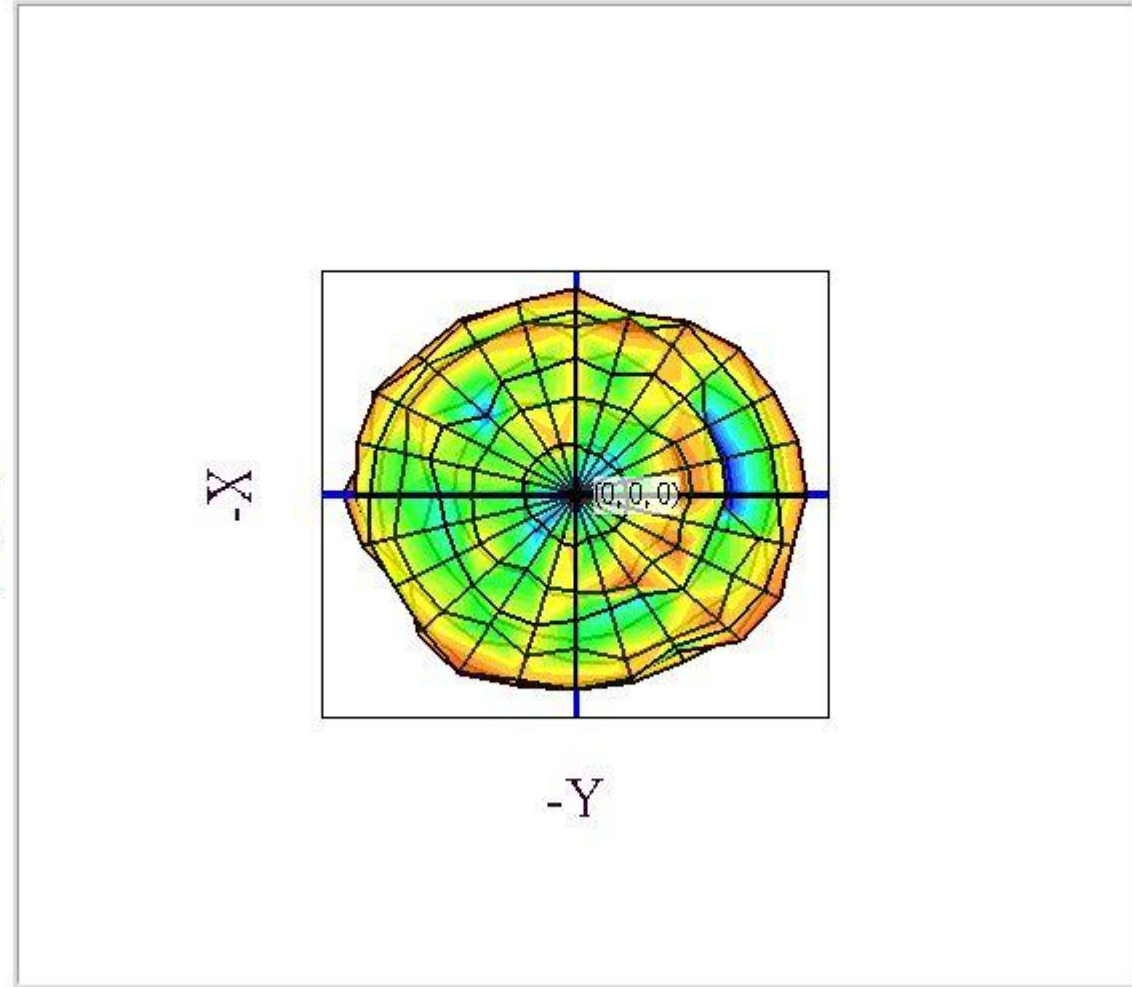
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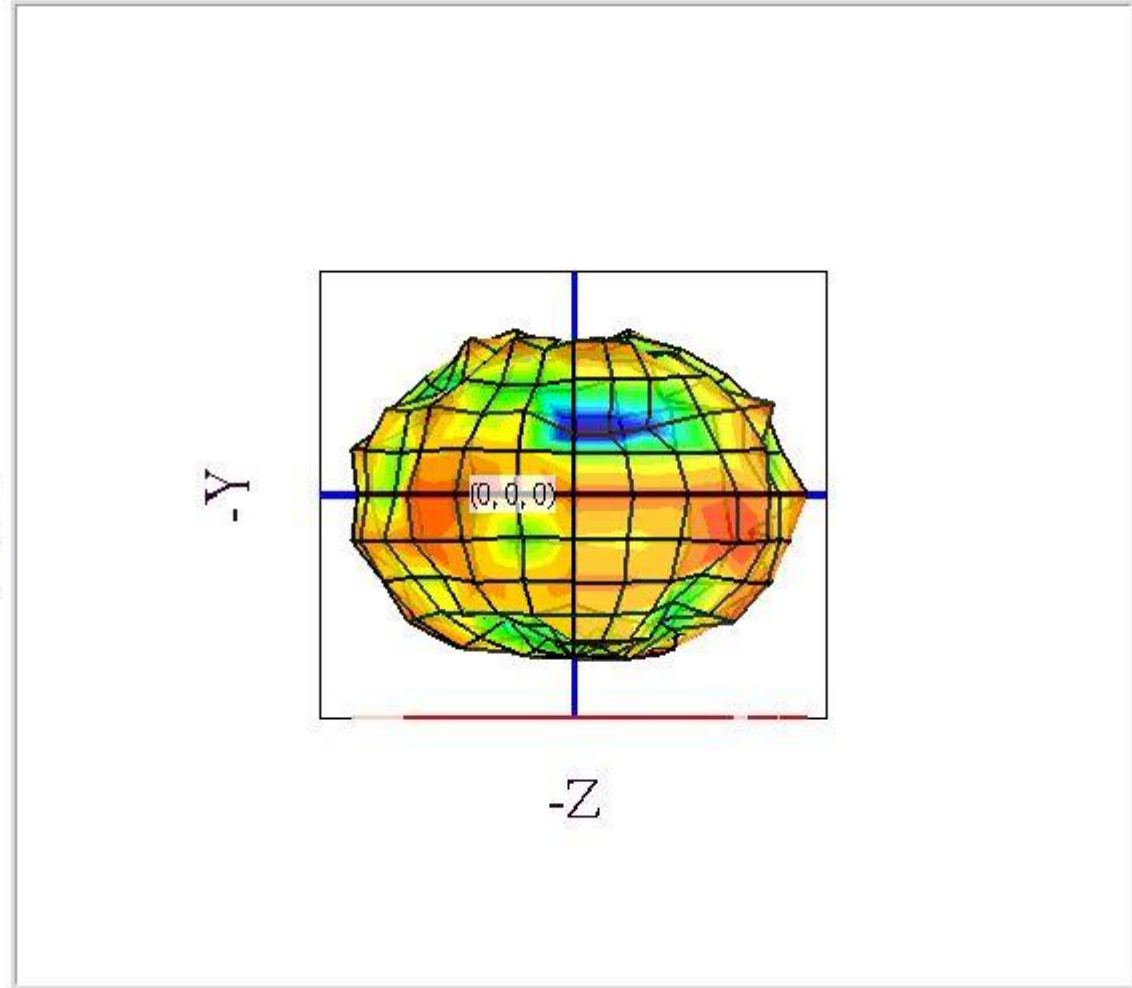
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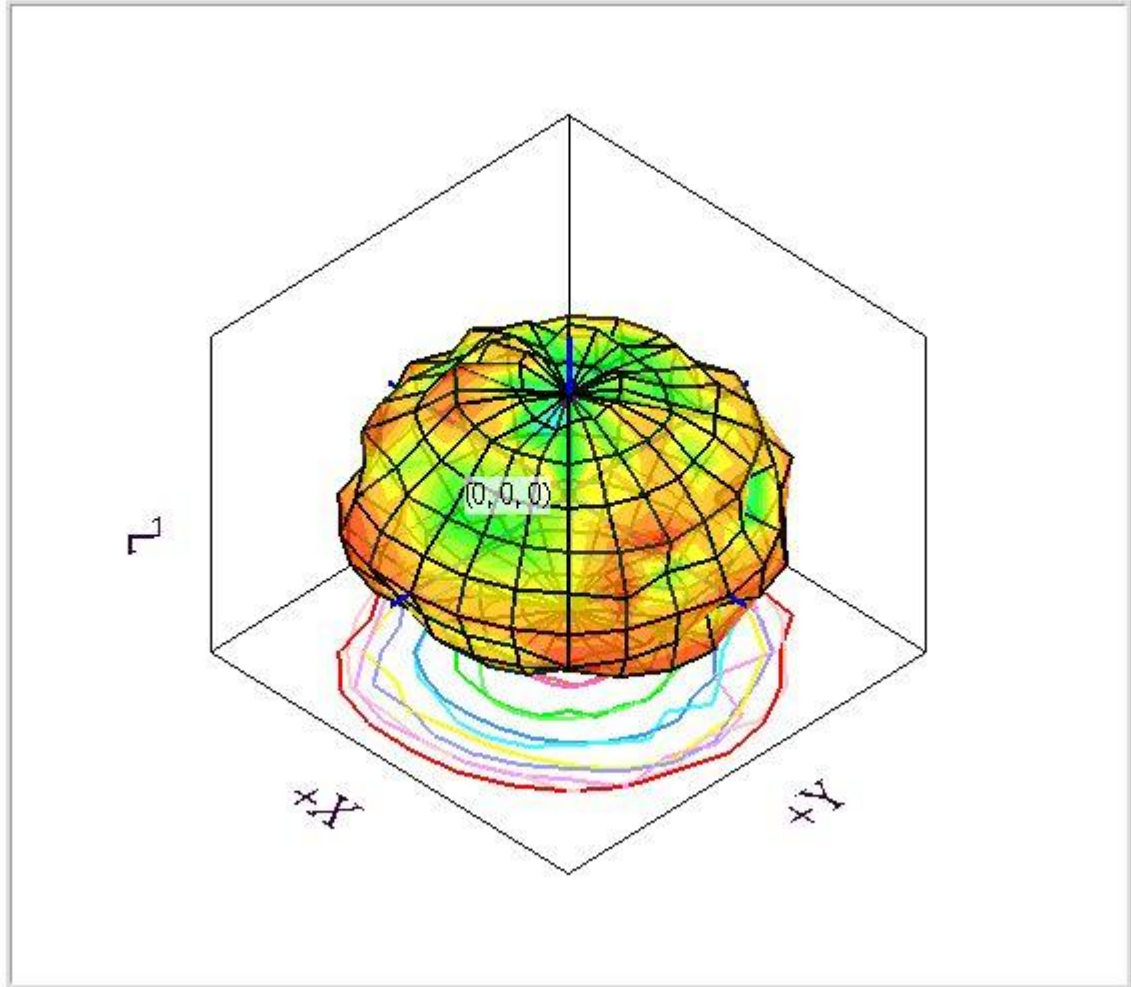
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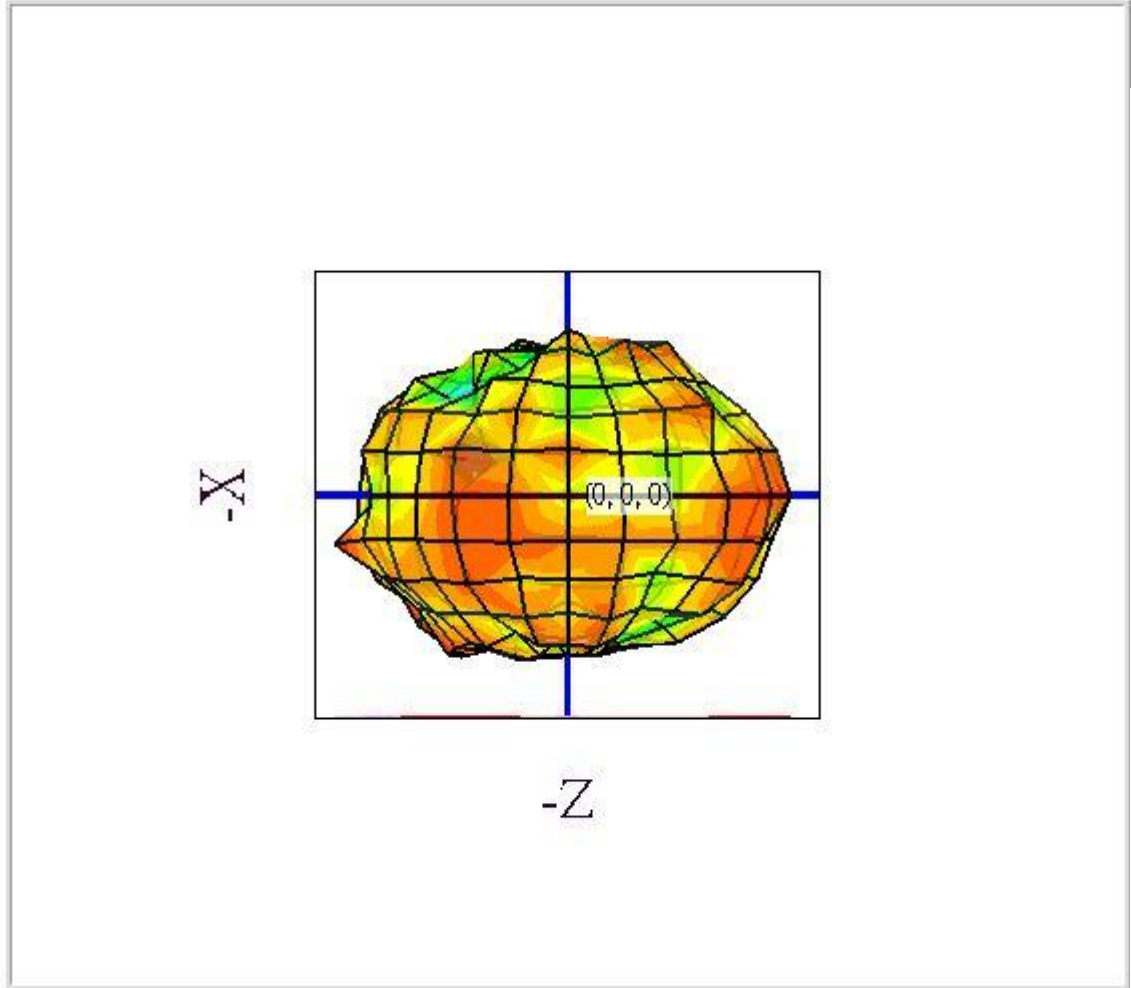
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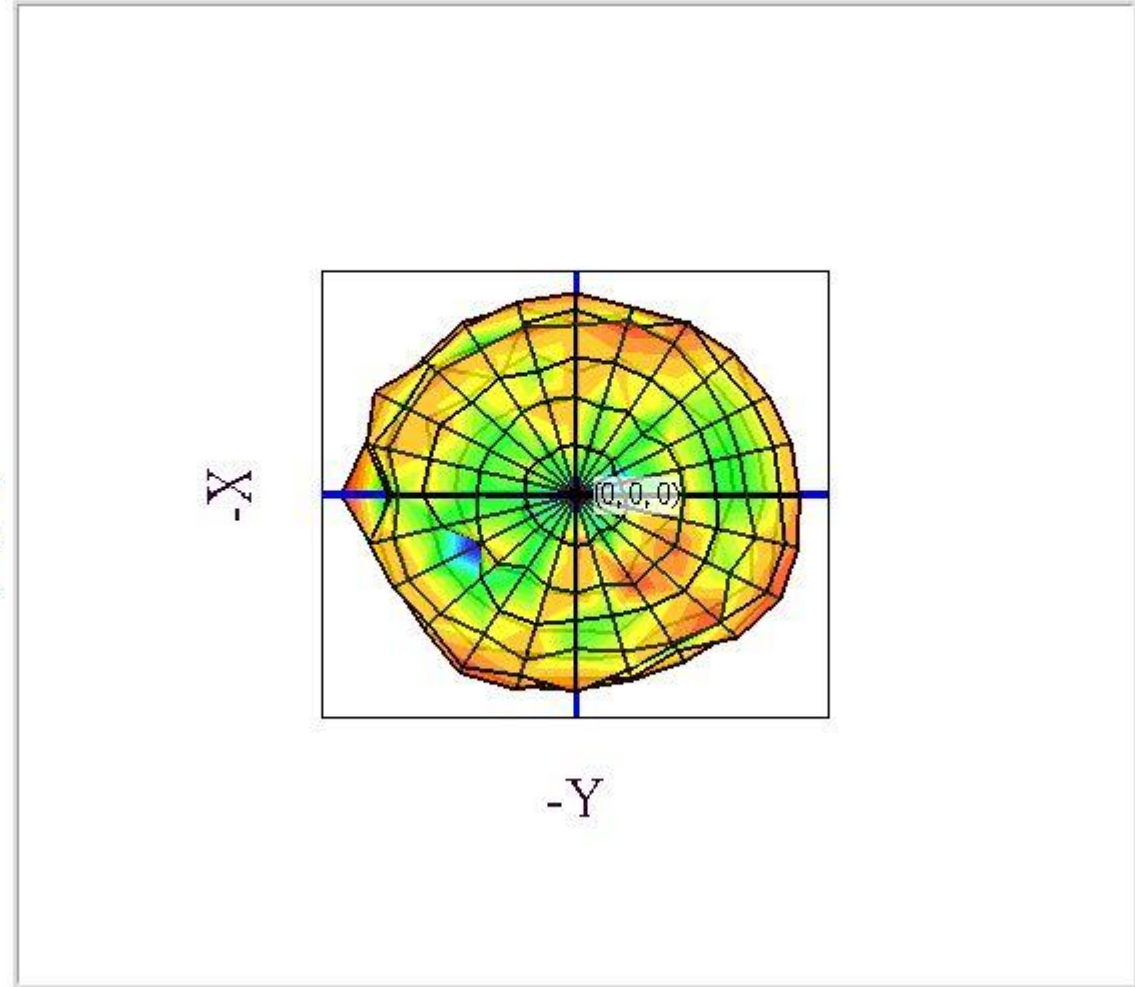
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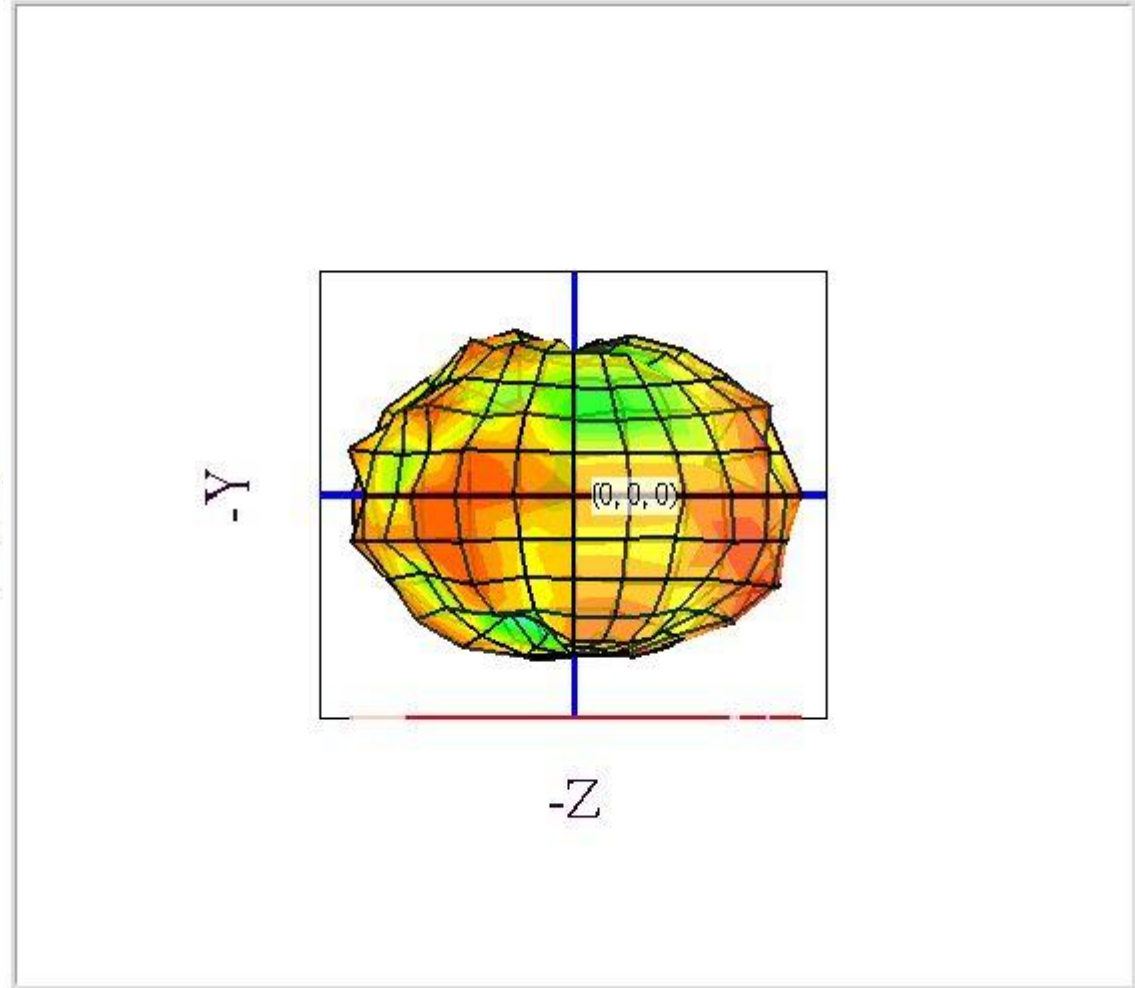
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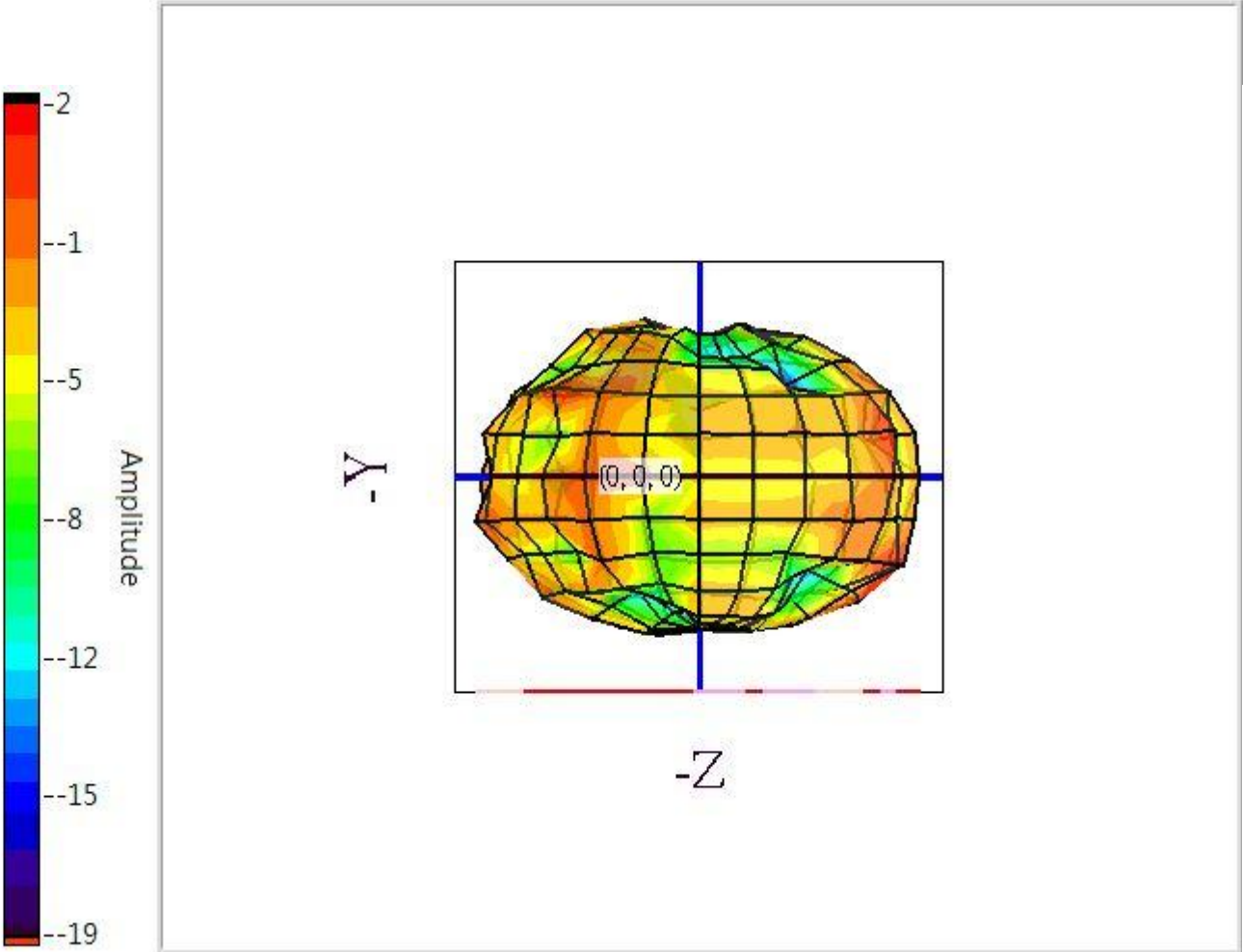
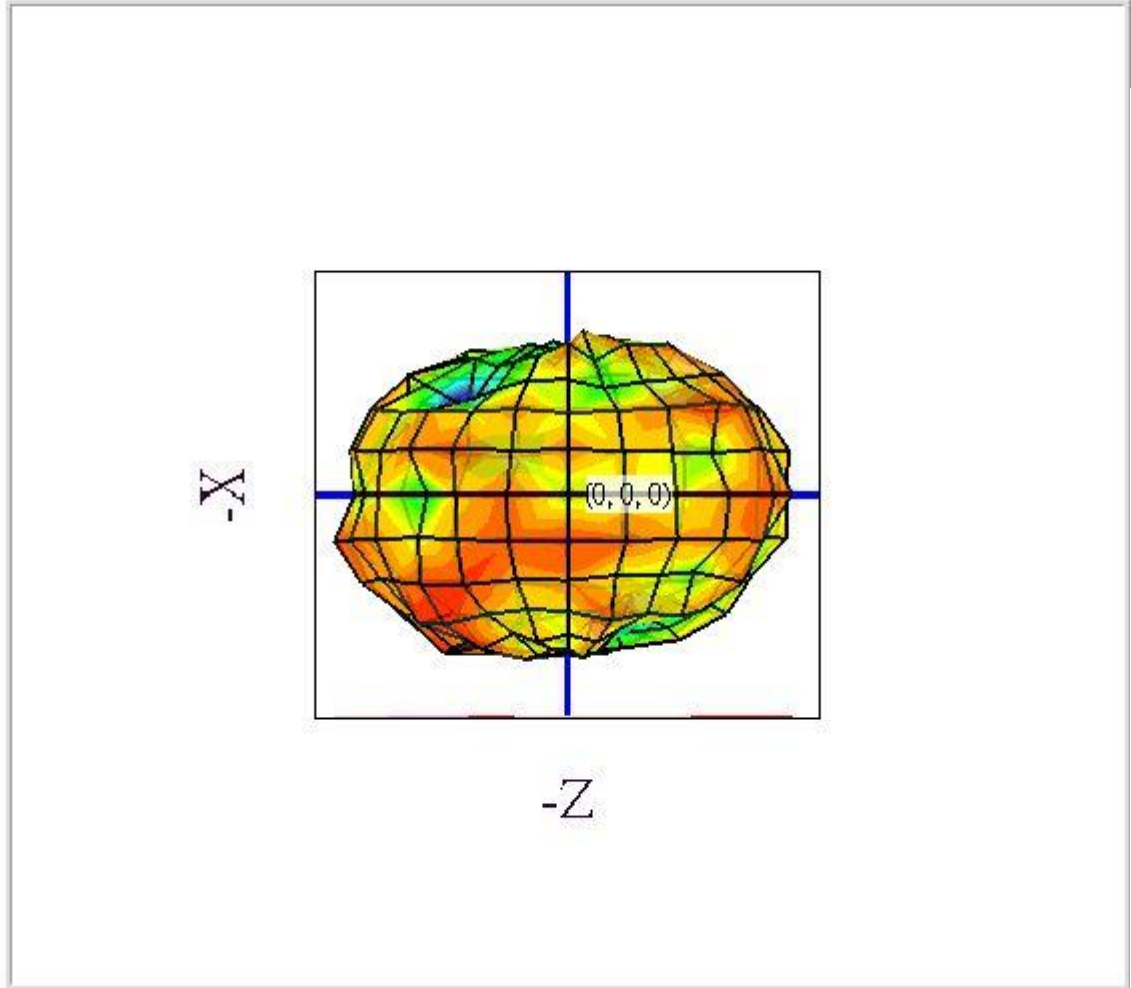
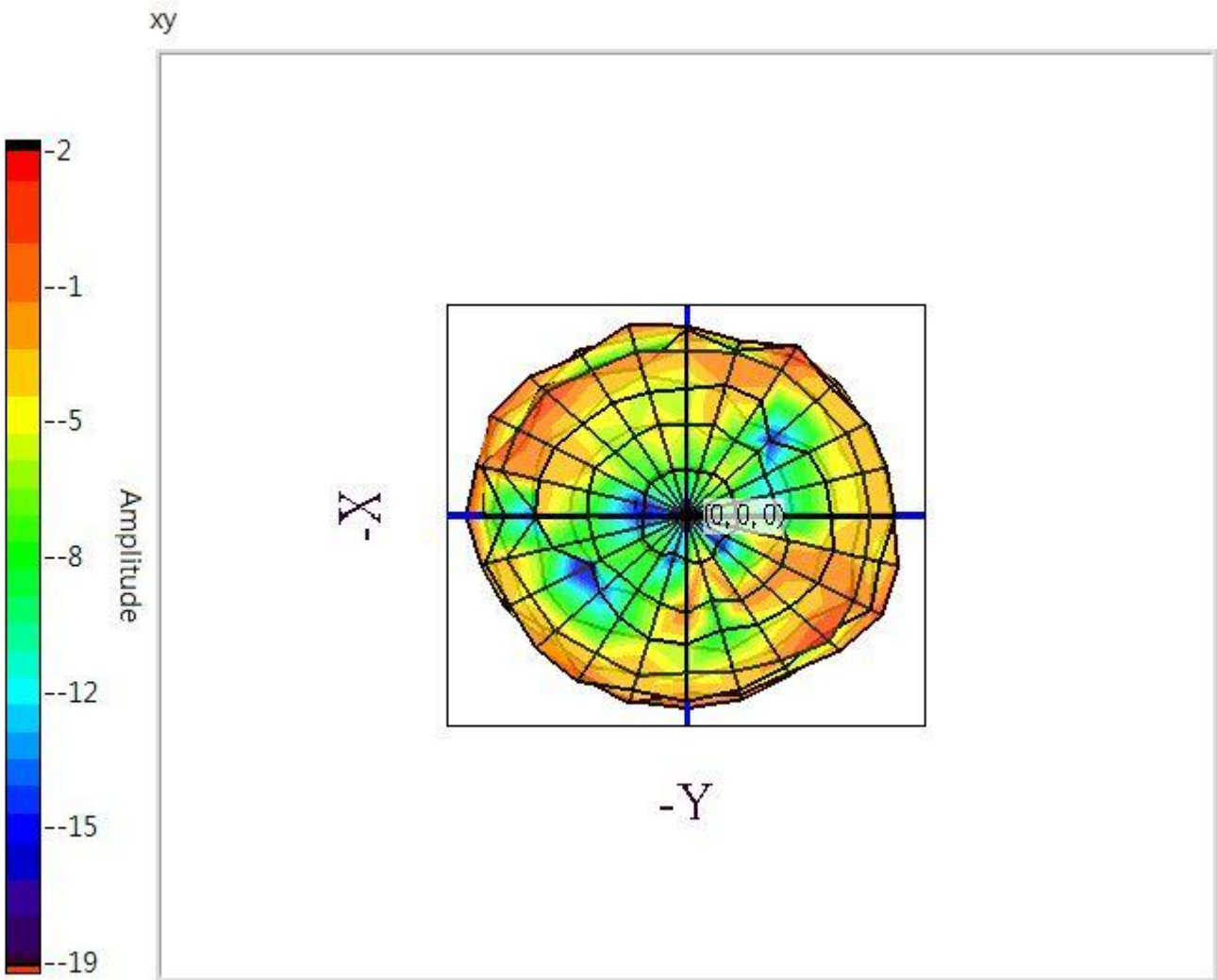
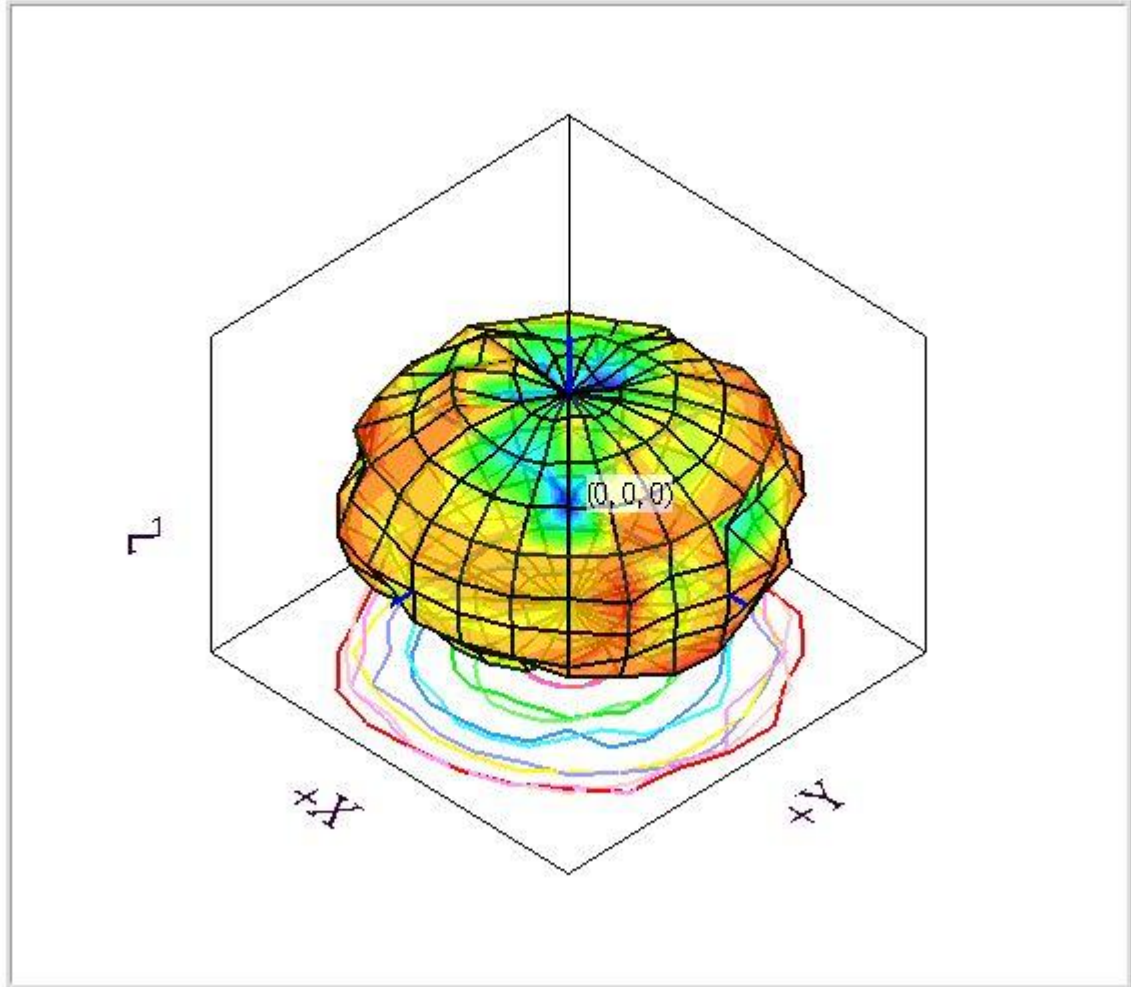
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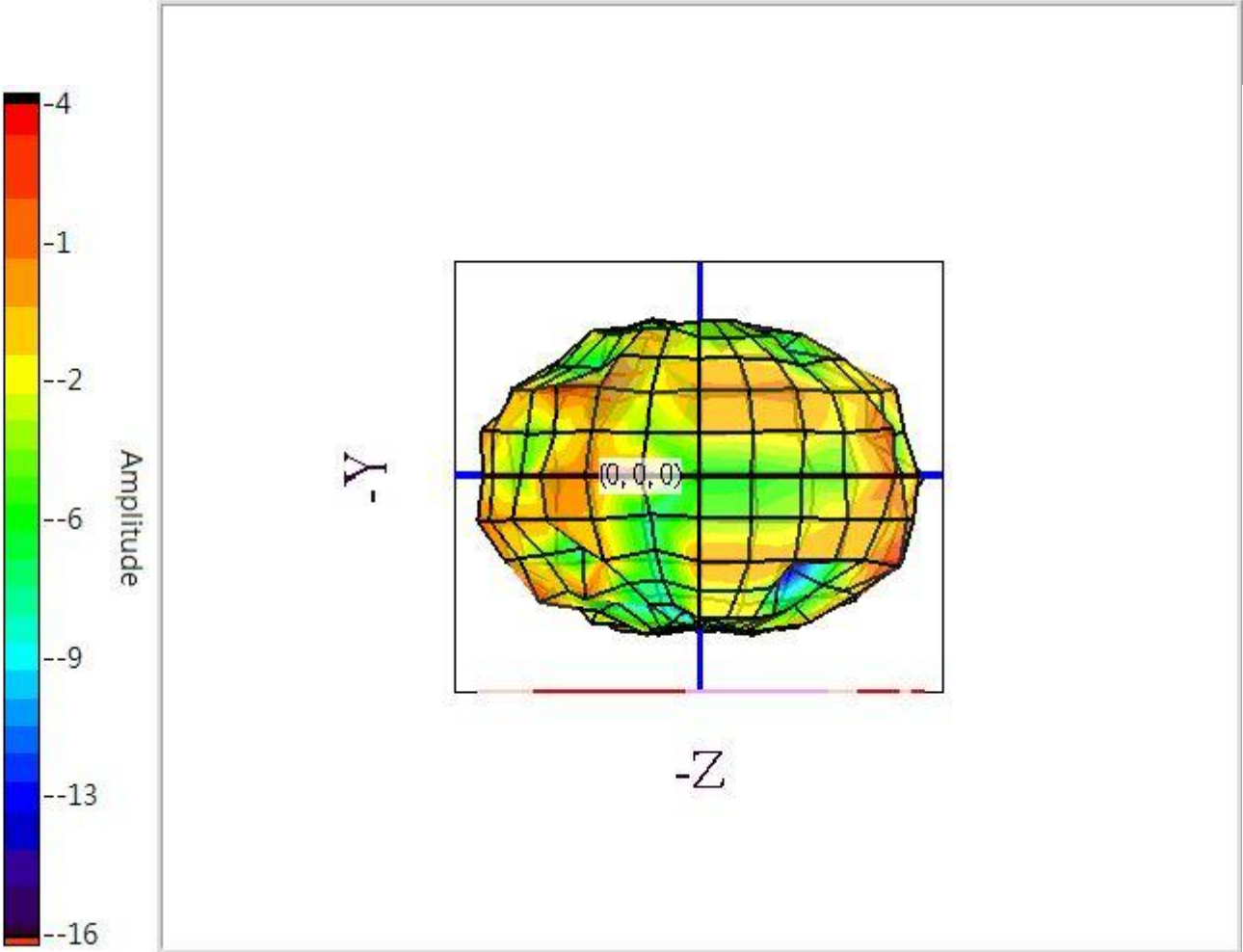
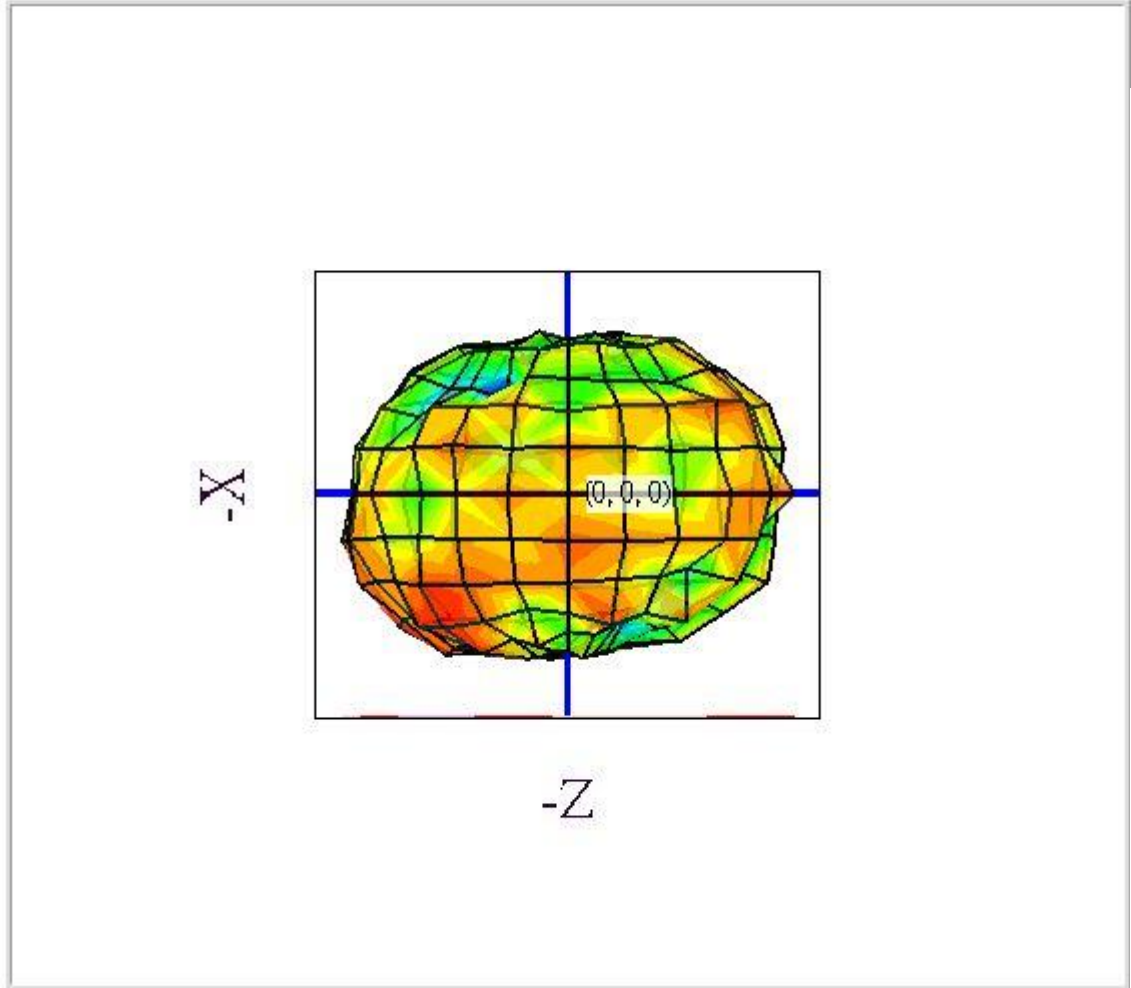
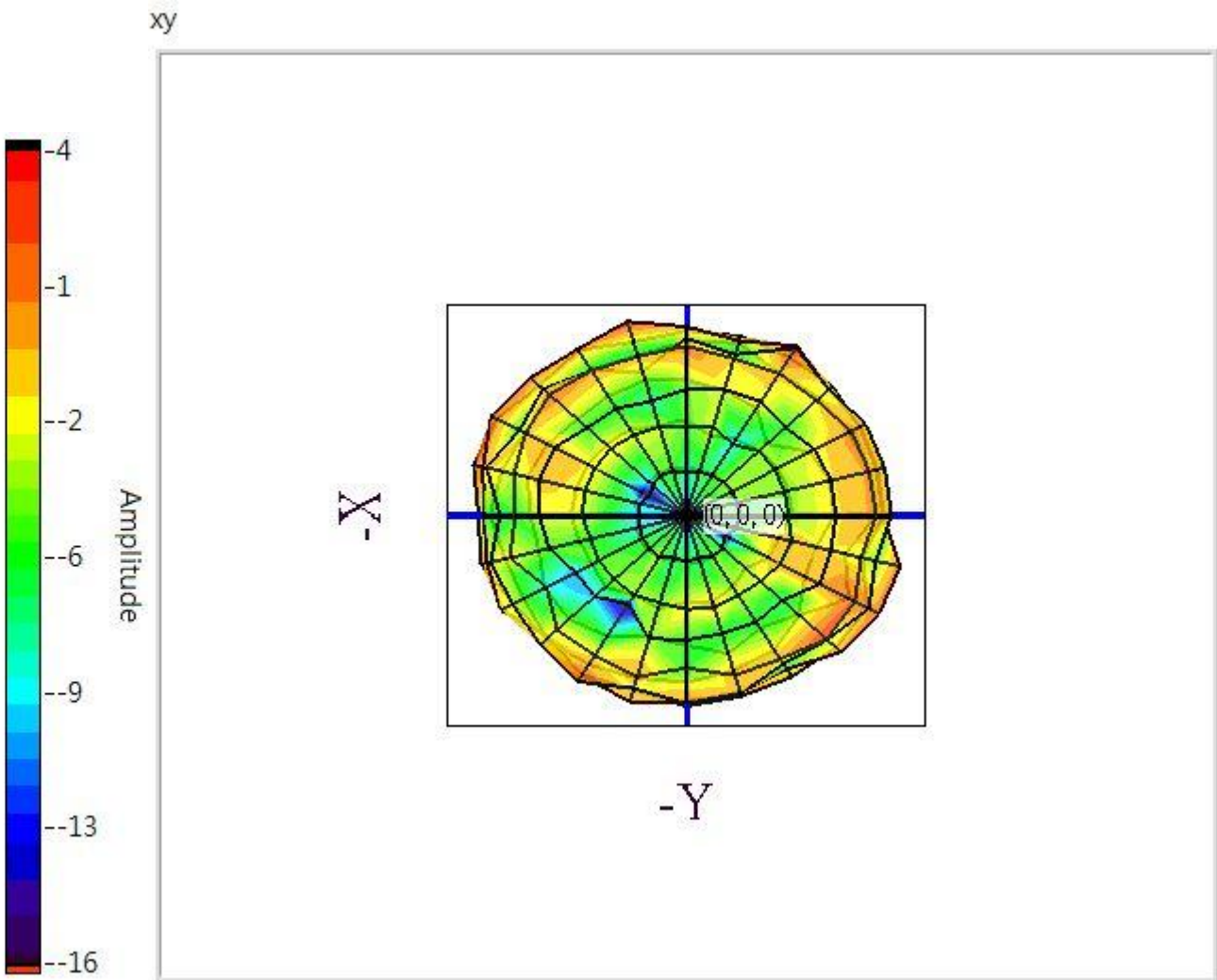
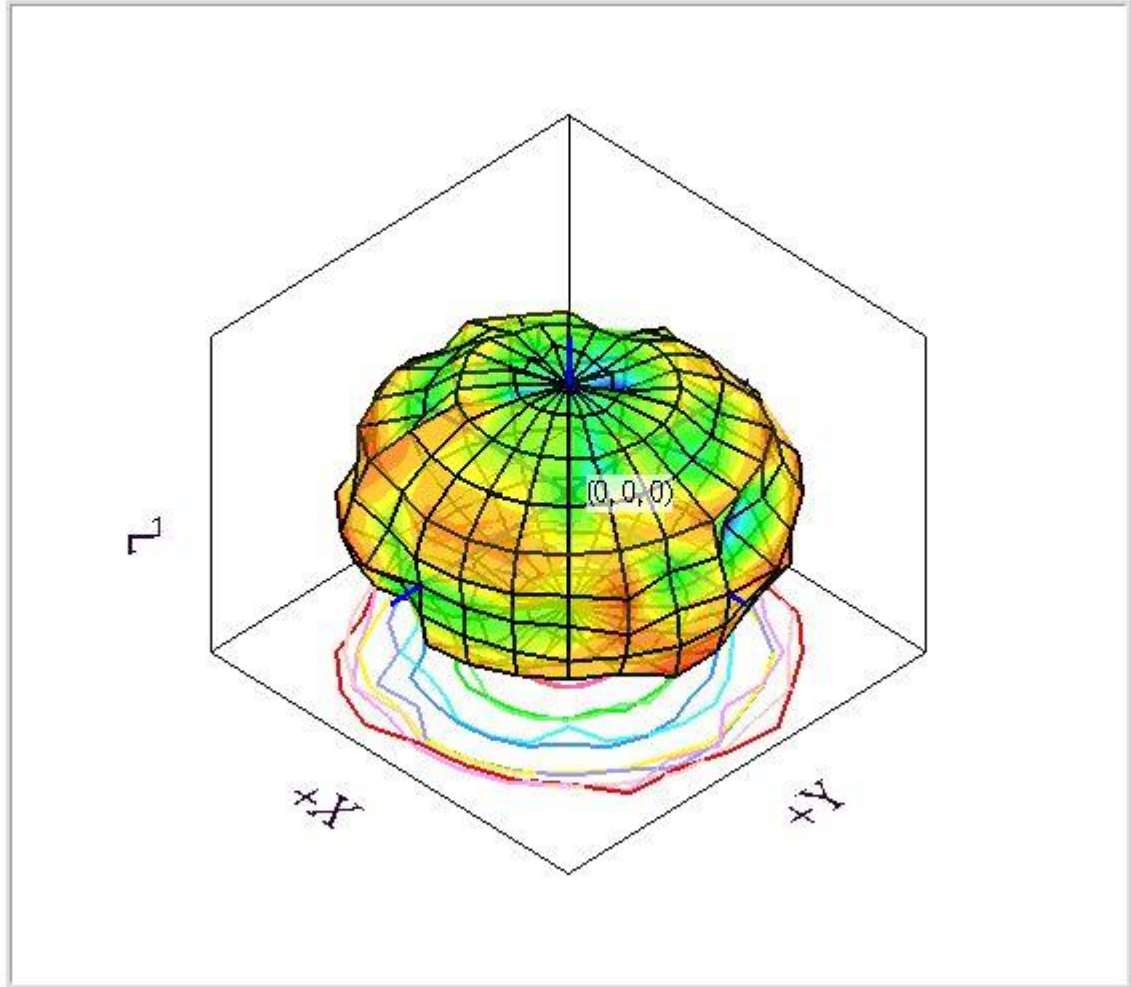
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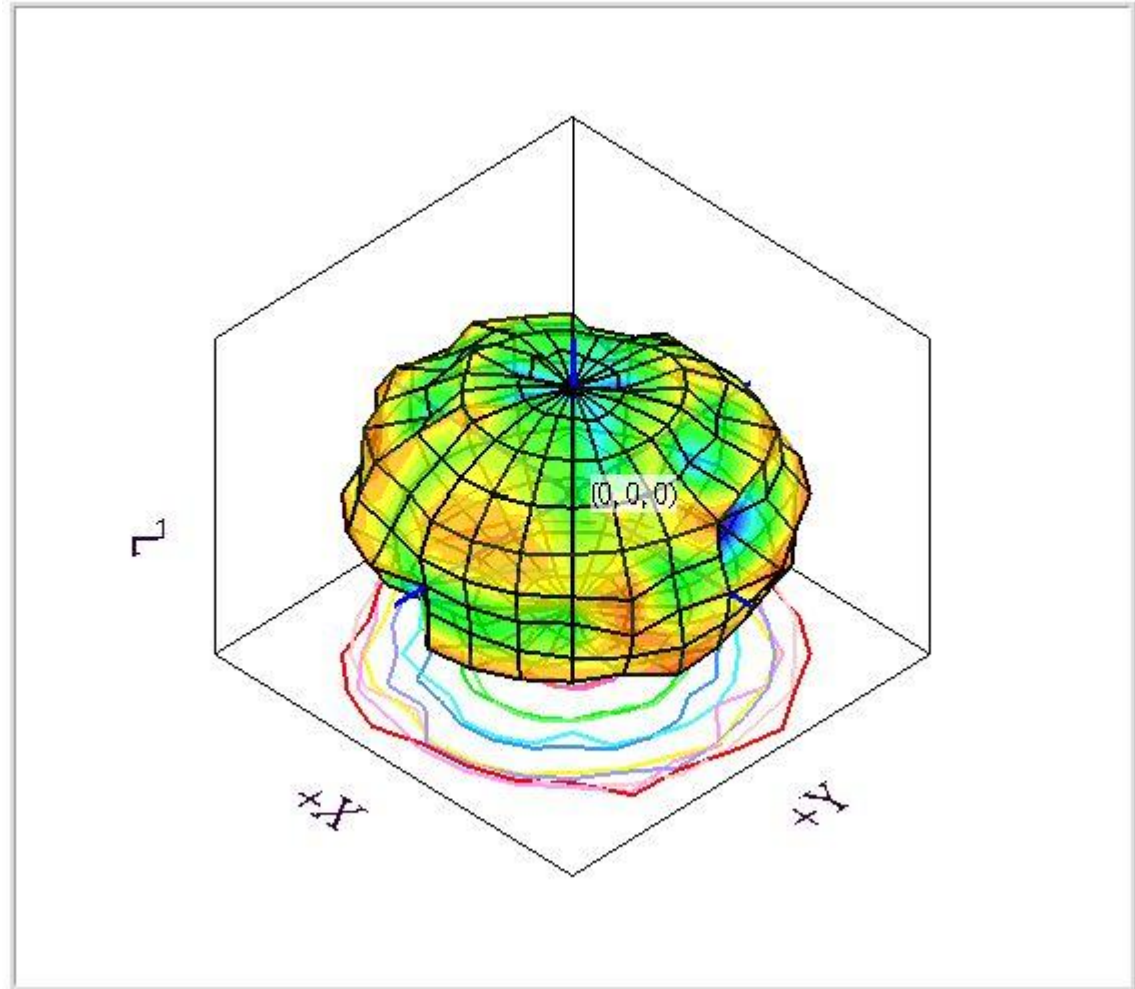
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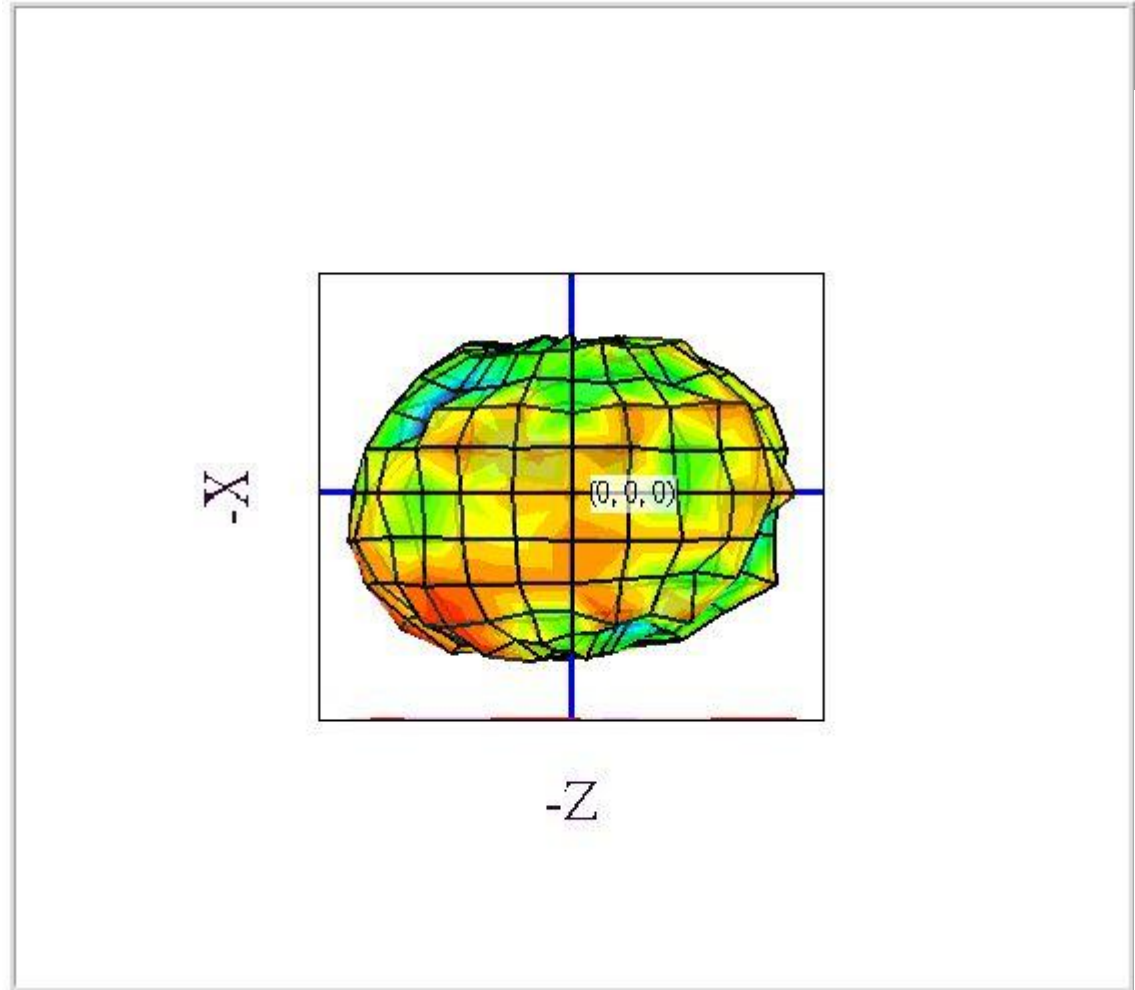
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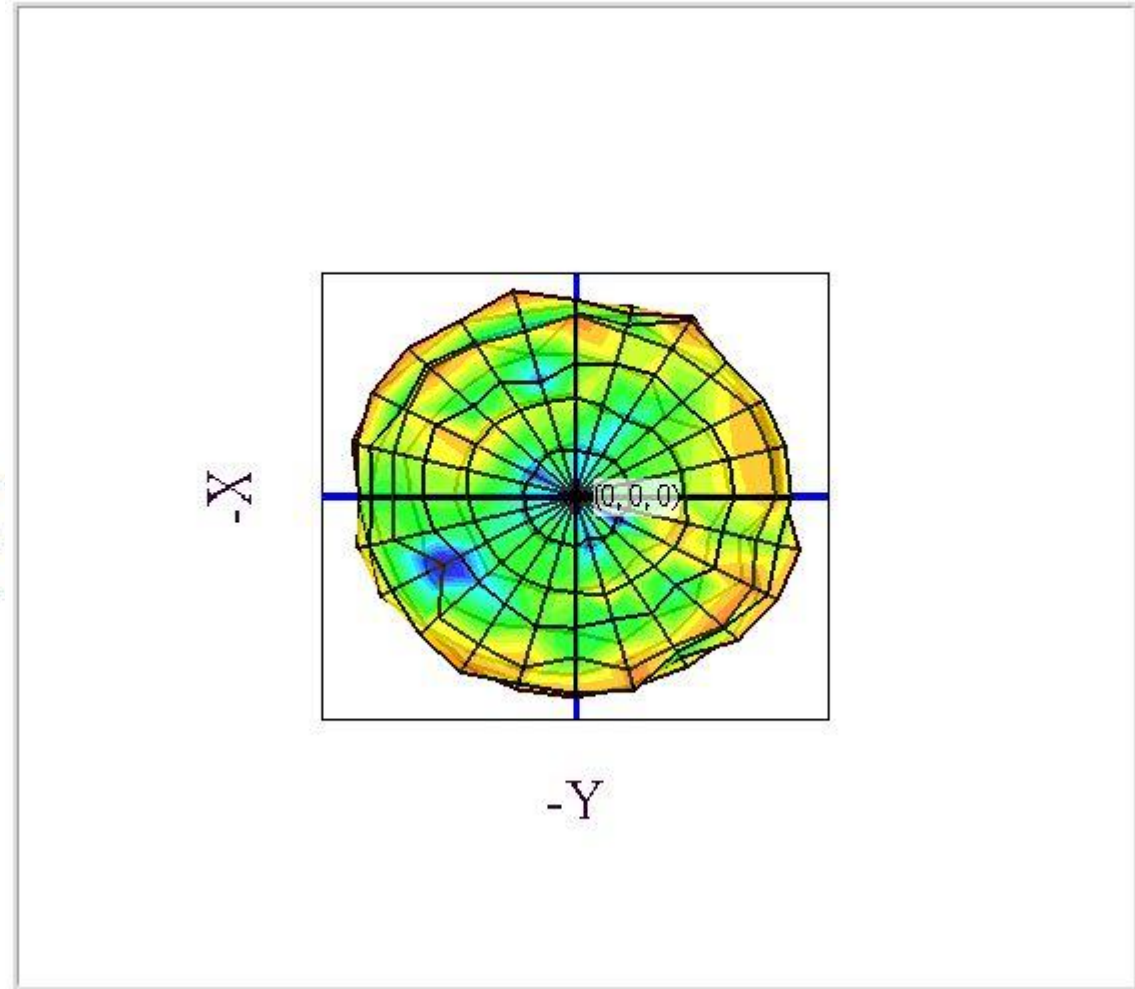
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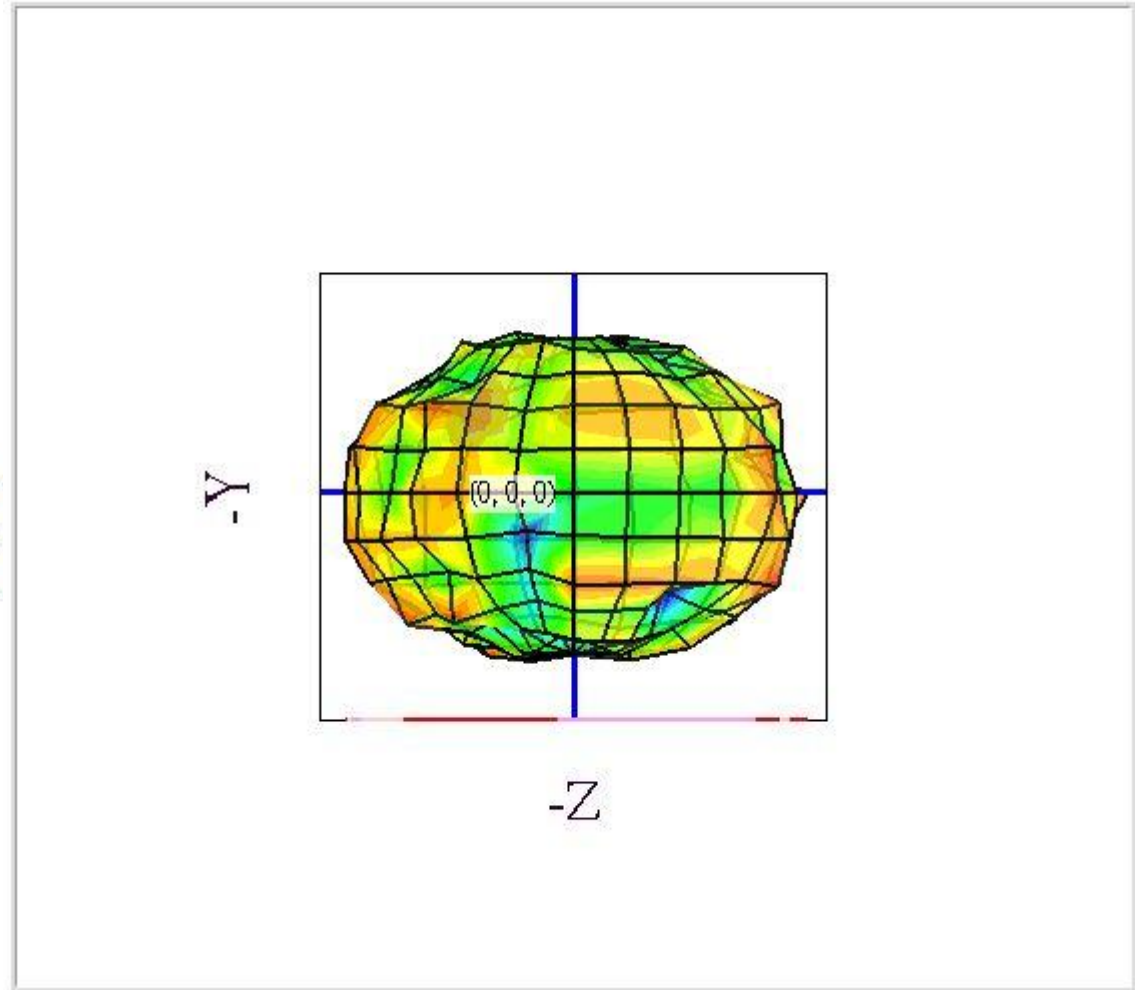
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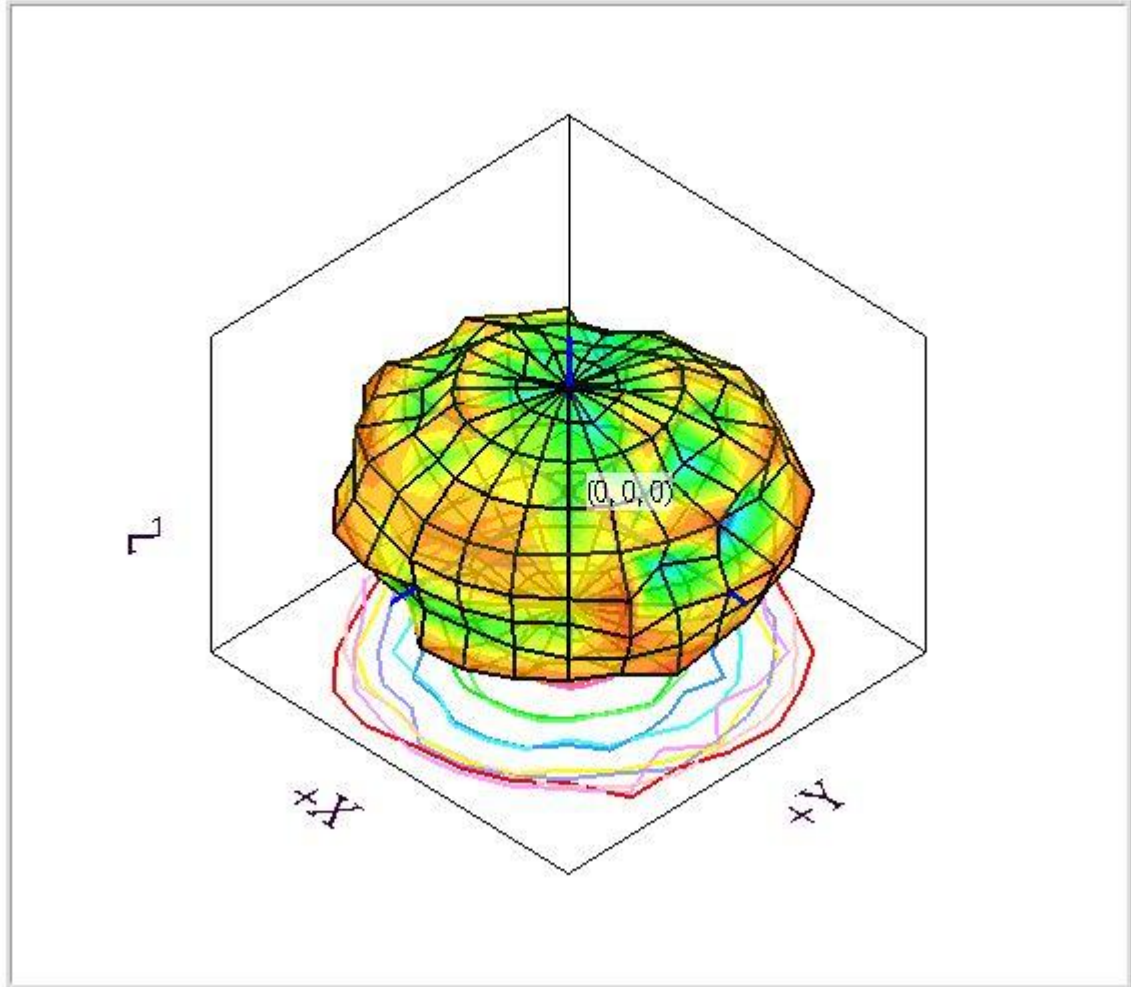
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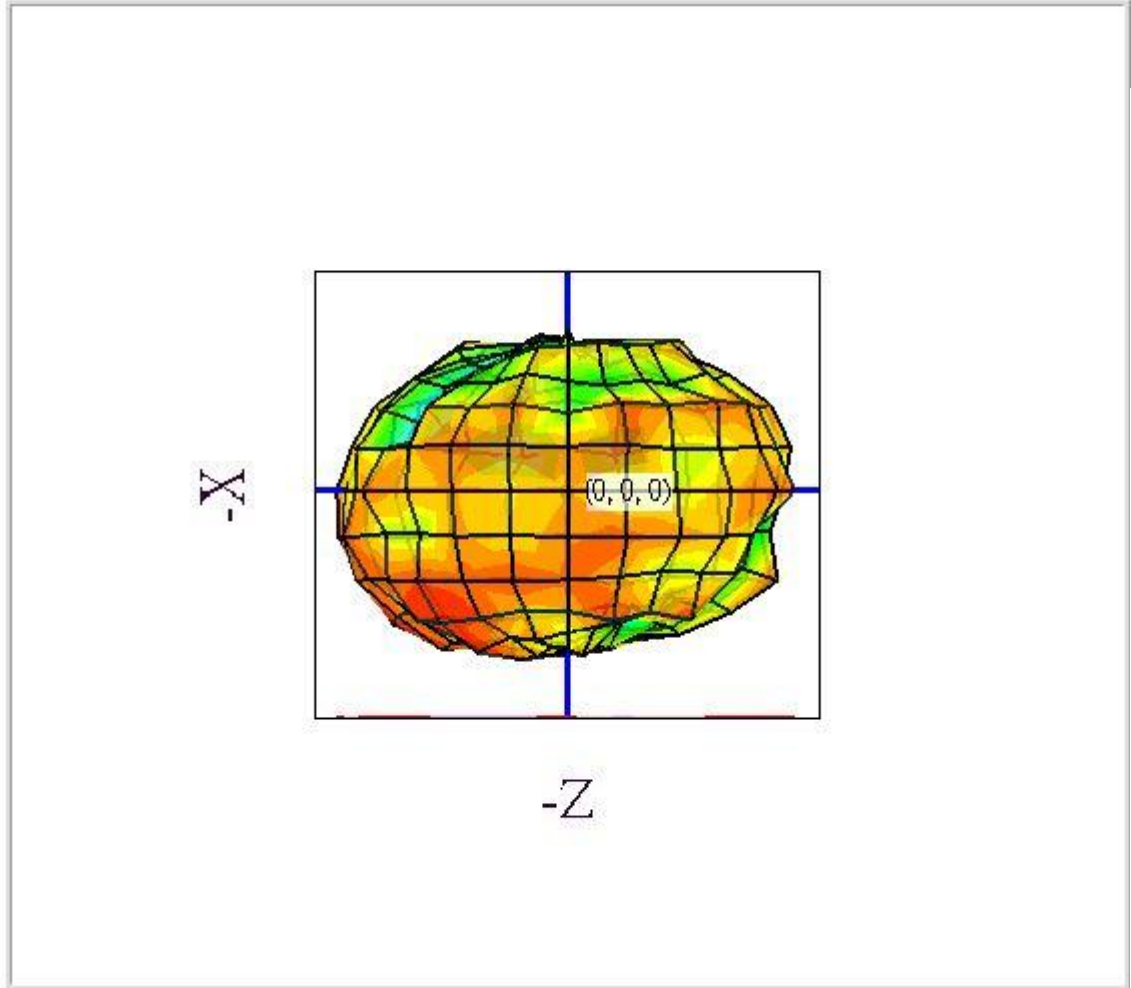
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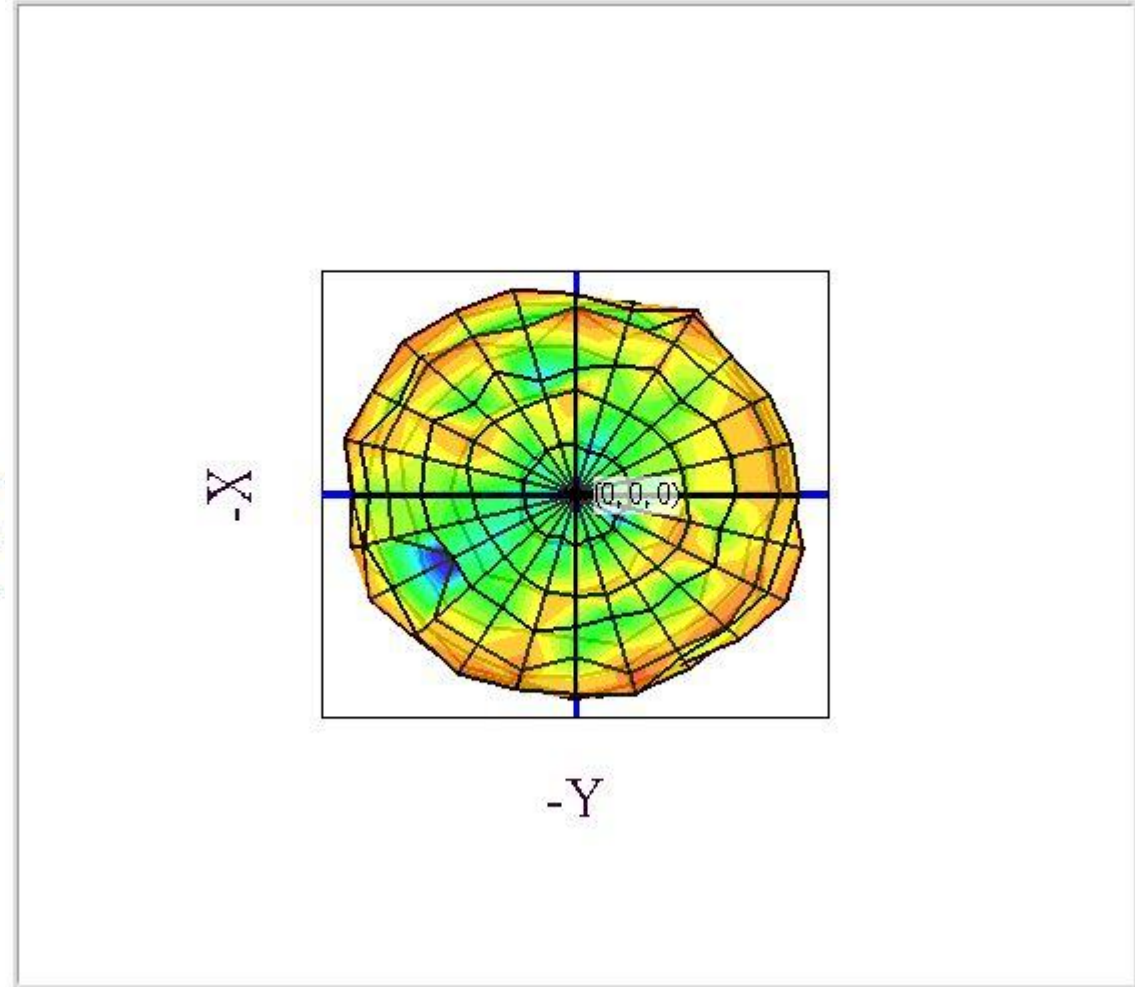
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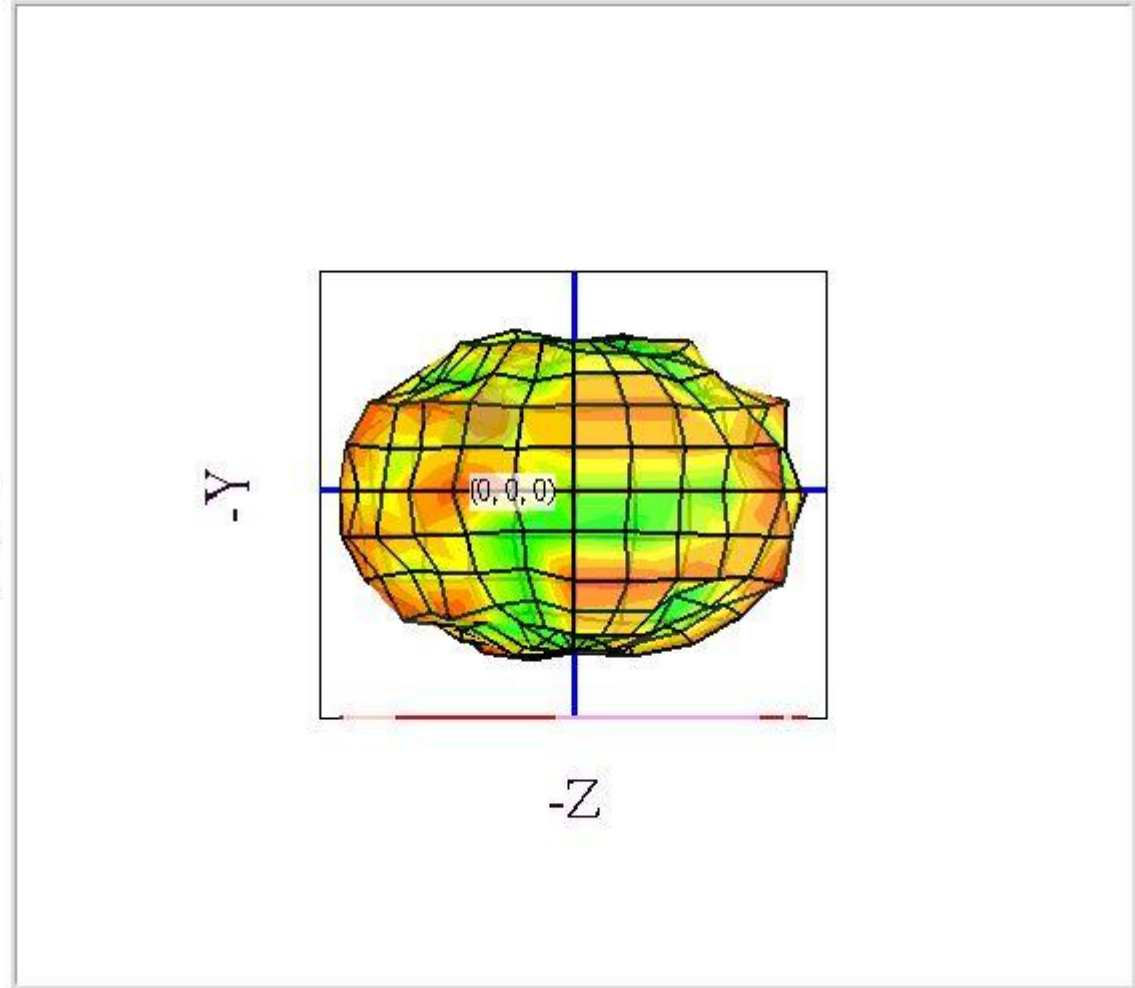
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7. Test Set-up

