Subject: 3D plot in spherical coordinates
Posted by knight on Tue, 28 Jan 1992 18:54:00 GMT
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I would like solutions to plotting a surface defined in spherical coordinates.
For example, I want to make a plot of the surface z defined by

  z = 1. + sin^2(theta)*cos(phi)
where
  theta = polar angle
  phi = azimuthal angle.

I considered a transformation from spherical to Cartesian coordinates
and then a surface plot, but hidden line removal suffers (see note under
surface in Appendix B of IDL User's Guide). I would like something that
has the verstility of surface, e.g., the arbitrary viewing direction.

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