
Subject: Re: surface_polar plot
Posted by [penteado](#) on Mon, 26 Oct 2009 15:55:20 GMT
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On Oct 26, 1:37 pm, Hassan <hkhav...@gmail.com> wrote:

> Hi,
>
> I'm going to create a surfce polar plot as Z vlaues ranges from
> 0-1000, the radius ranges from 0 to +/-90, as the origin 0 is in the
> junction of x and y axes in the center of circle, and theta ranges
> from 0-360 degrees, starting from the north and clockwise.
> I'm using the following command:
> SURFACE, POLAR_SURFACE(z, radius, theta)
> I wonder how can I define those directions and the position of the
> origins for radius and theta? I'm not sure if I explained my problem
> clearly or not, but if not, please let me know your eamil address to
> send some plots I created since I couldnt put them here. any help
> would be appericiated.
>
> Cheers,
> Hassan

polar_surface already assumes an orientation and origin of xyz
relative to z,r,theta: the z axis is the same, r is the distance to
the z axis, and theta is the azimuth around the z axis. Which seems to
be what you want (except that I do not see how you could have negative
radius).
