On Oct 26, 3:55 pm, pp <pp.pente...@gmail.com> wrote:
> On Oct 26, 1:37 pm, Hassan <hkhav...@gmail.com> wrote:
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>
>
>> 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 apperciated.
>
>> 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).

thanks for the reply. is that mean the axes actually have been shifted
to outside of the plot and the origin of actual axes (z and radius)
are in the center of circle? and what about theta? since it seems
theta starts from East and counter-clockwise but i want it to start
from North and increases clockwise.