Subject: polar plot Posted by Torsten Bock on Thu, 17 Dec 1998 08:00:00 GMT View Forum Message <> Reply to Message

Hi,

I am locking for a routine to display data [radius, theta, intensity] in a polar plot (in a polar coordinate system) not like polar_contour and polar_surface (they display the data in a cartesian system).

Thanks

Mirko

Subject: Re: polar plot
Posted by Andy Loughe on Thu, 17 Dec 1998 08:00:00 GMT
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David Fanning wrote:

> Torsten Bock (bock@sunpool.cs.uni-magdeburg.de) writes: >

>>> Have you tried:

>>>

>>> Plot, radii, angles, /Polar

>>>

>> I did but (I hope I did nothing wrong) I end up with a polar plot in a

- >> cartesian system (x and y axis), which is not what I expected.
- >> I was thinking of circles on which I can annotate the radius-value
- >> and I like to annotate the theta (angle) value around the outer circle.
- >> and the Intensity is either a color (for contour plot).
- >> or in 3D the z value (cylindrical coordinate system) ...

>

What about using the coordinates of a north polar stereographic projection by employing map_set, 90, -90, /stereo, /iso, limit=[0,0,90,360] wouldn't that work for you as well?

-Andrew F. Loughe |
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"I do not feel obliged to believe that the same God who has endowed us with

sense, reason, and intellect has intended us to forego their use."

-Galileo