
Subject: polar plot

Posted by [Torsten Bock](#) on Thu, 17 Dec 1998 08:00:00 GMT

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Hi,

I am looking 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?

--

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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
