Subject: pie-shaped polar plot in IDL?
Posted by lisakewley on Fri, 16 Nov 2001 22:57:51 GMT

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Greetings,

I am trying to create a pie-shaped polar plot (not a pie-chart),
such as in this figure:

http://tdc-www.harvard.edu/uzc/f6a.gif

I have searched this newsgroup and found a few scripts people have
written, but they generally create plots in 360 degrees. I need the
curved axis to subtend an angle of ~130 degrees, but need to also be
able to define/spread my own data range (eg 8hours to 18 hours) over
the curved axis. I hope this makes sense.

Has anyone done this, or know of a way of doing it in IDL? I'm not
that familiar with doing much other than the stock-standard IDL
plotting or
mapping routines.

Thanks,
Lisa

Subject: Re: pie-shaped polar plot in IDL?
Posted by Relayer on Mon, 19 Nov 2001 14:44:52 GMT

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"Lisa Kewley" <lisakewley@hotmail.com> wrote in message
news:1b37dc5.0111161457.2e7c5fd@posting.google.com...
> Greetings,
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> that familiar with doing much other than the stock-standard IDL
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> mapping routines.
>
> Thanks,
> Lisa

Hi Lisa,

I have had a similar problem in the past, and never did get a satisfactory
result. If you get a reply on this could you please forward it to me at
relayer@dreamtheater.zzn.com

Thank you,
R.

Subject: Re: pie-shaped polar plot in IDL?
Posted by David Fanning on Mon, 19 Nov 2001 14:50:54 GMT

Relayer (relayer@dreamtheater.zzn.com) writes:

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> relayer@dreamtheater.zzn.com

I really think the only way to do this is just
build the thing yourself using IDL low-level
graphics routines (e.g. PlotS, XYOuts, etc.)

Cheers,

David

--
David W. Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155