Subject: Re: multi-surface plot
Posted by lkramer on Thu, 06 Jul 1995 07:00:00 GMT
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In article <3tbvof$ink@apakabar.cc.columbia.edu> jun@eureka.columbia.edu (Jun Xu) writes:
> Path:
> uuneo.neosoft.com!news.uh.edu!swrinde!gatech!rutgers!news.co lumbia.edu!eureka.co
> lumbia.edu!jun
> From: jun@eureka.columbia.edu (Jun Xu)
> Newsgroups: comp.lang.idl-pvwave
> Subject: multi-surface plot
> Date: 4 Jul 1995 18:02:55 GMT
> Organization: columbia astronomy department
> Lines: 15
> Sender: jun@parsifal.phys.columbia.edu (Jun Xu)
> Distribution: world
> Message-ID: <3tbvof$ink@apakabar.cc.columbia.edu>
> NNTP-Posting-Host: parsifal.phys.columbia.edu
> Keywords: multi-surface plot

> Does anyone know a way to make a multi-surface plot
> in IDL?

> We have 4 2D arrays z1(x,y), z2(x,y), z3(x,y) and z4(x,y),
> and we want to plot all 4 surfaces in one plot. These are
> surfaces at different height. It would be interesting to
> plot them together in one plot so that people can compare
> them.

> Thanks in advance.

> Cheers,

> J. Xu

May I suggest:

```
SURFACE,Z1,/SAVE
SURFACE,Z2,/T3D,XSTYLE=4,YSTYLE=4,ZSTYLE=4,/NOERASE
SURFACE,Z3,/T3D,XSTYLE=4,YSTYLE=4,ZSTYLE=4,/NOERASE
SURFACE,Z4,/T3D,XSTYLE=4,YSTYLE=4,ZSTYLE=4,/NOERASE
```

You might want to also specify a different color for each variable. E-mail me
for details if interested.

Leonard

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