
Subject: SURFACE layout details

Posted by [paulartcoelho](#) on Mon, 21 Jan 2008 19:26:38 GMT

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hello there,

i have two doubts concerning layout cosmetics in a SURFACE plot:

1) can i have axis in black but wire-mesh surface lines in, say, grey?
if i change the COLOR parameter both axis and surface change together...

2) can i have the tick labels shown as in a normal 2D plot? i mean, the characters not "distorted" to the 3D space? 'cause i think the 3D projection compromise the legibility of the axis in a PS file.

many thanks

p

Subject: Re: SURFACE layout details

Posted by [David Fanning](#) on Sun, 27 Jan 2008 12:57:55 GMT

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Paula writes:

- > not sure if it's worth the trouble, but i still would like to try a
- > bit more to have the labels without any 3D projection, as in a 2D
- > plot. is there a "smart" way of doing that with the AXIS procedure, or
- > i'd have to do it "manually" labeling each tick with XYOUTS? (argh! :))

I think the answer is object graphics, which have enough power to do what you want to do. You could start, for example, with FSC_SURFACE, and then learn how to rotate the axis fonts to your liking:

http://www.dfanning.com/programs/fsc_surface.pro

This will be a lot more fruitful than making direct graphics jump through these hoops.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: SURFACE layout details

Posted by [paulartcoelho](#) on Thu, 31 Jan 2008 20:27:28 GMT

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> with FSC_SURFACE, and then learn how to rotate the axis fonts
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> This will be a lot more fruitful than making direct graphics
> jump through these hoops.

i'm new to object graphics, but i'll certainly give it a try. thx a lot david.

Subject: Re: SURFACE layout details

Posted by [David Fanning](#) on Thu, 31 Jan 2008 20:49:30 GMT

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Paula writes:

> i'm new to object graphics, but i'll certainly give it a try. thx a
> lot david.

Well, it's not for the faint of heart. Ronn Kling's book
Power Graphics in IDL, will help. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")
