
Subject: Re: question regarding 3d plotting
Posted by [David Fanning](#) on Tue, 07 Aug 2007 18:58:03 GMT
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jeffwax1@hotmail.com writes:

- > Hopefully this will be an easy question for the users here to answer.
- > When plotting in 2 dimensions, one uses the "plot" command and then
- > "oplot" for putting additional lines on a graph. For plotting in 3d,
- > it seems like plot_3dbox is the way to go, but how do I overplot
- > additional lines? The oplot command only works in 2 dimensions, and I
- > can't find something along the lines of "oplot_3d" in the idl library.
- >
- > I'd appreciate any help with this problem,

I think you will have to use something like PLOTS in 3D space.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Subject: Re: question regarding 3d plotting
Posted by [jeffwax1](#) on Tue, 07 Aug 2007 19:21:15 GMT
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On Aug 7, 1:58 pm, David Fanning <da...@dfanning.com> wrote:

- >
- > I think you will have to use something like PLOTS in 3D
- > space.
- >
- > Cheers,
- >
- > David
- > --
- > David Fanning, Ph.D.
- > Fanning Software Consulting, Inc.
- > Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

I was using plot_3dbox, but I suppose Plots in 3d is just as good.
But even in that case, I still don't see how to overplot. If I just

do the Plots command with a second set of data, isn't it just going to write over my first plot? Am I just missing some oplot-type command that works with 3 dimensions?

-Jeff

Subject: Re: question regarding 3d plotting
Posted by [Jean H.](#) on Tue, 07 Aug 2007 19:31:22 GMT
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jeffwax1@hotmail.com wrote:

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> additional lines? The oplot command only works in 2 dimensions, and I
> can't find something along the lines of "oplot_3d" in the idl library.
>
> I'd appreciate any help with this problem,
>
> -Jeff

Hi,

a long time ago I was using Xplot3D, with subsequent call as:
xplot3d,overplot=1,

this will allow you to rotate and, if you have the dexterity, zoom on
the data...

'Hope that helps!
Jean

Subject: Re: question regarding 3d plotting
Posted by [jeffwax1](#) on Tue, 07 Aug 2007 19:39:50 GMT
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On Aug 7, 2:21 pm, jeffw...@hotmail.com wrote:

> On Aug 7, 1:58 pm, David Fanning <da...@dfanning.com> wrote:
>
>
>
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> do the Plots command with a second set of data, isn't it just going to
> write over my first plot? Am I just missing some oplot-type command
> that works with 3 dimensions?
>
> -Jeff

Nevermind. Plots doesn't write over what I already had. Thanks for
your help.

-Jeff
