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Subject: Re: 3D scatter plots  
Posted by [peter](#) on Thu, 16 May 1996 07:00:00 GMT  
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Stephen F. Kawalko (kawalko@boulder.nist.gov) wrote:  
: I have some irregularly spaced data that I would like to plot  
: as a 3D scatter plot before I grid the data and plot it as a  
: surface. What PV-Wave function do you use? "Plots" looks like  
: it would work but it draws a line between consecutive points.

Use psym=3 (or 2, if you want \*'s at the points)

: Stephen Kawalko  
: kawalko@boulder.nist.gov

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Peter Webb, HP Labs Medical Dept  
E-Mail: [peter\\_webb@hpl.hp.com](mailto:peter_webb@hpl.hp.com)  
Phone: (415) 813-3756

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Subject: Re: 3D scatter plots  
Posted by [jsbenens](#) on Thu, 16 May 1996 07:00:00 GMT  
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Stephen F. Kawalko <kawalko@boulder.nist.gov> wrote:  
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In IDL, "plots" \_does\_ work. If you don't want lines drawn between consecutive points, use the keyword "psym"... psym=3 gives dots, other values give stars, squares, diamonds, etc...

I don't know if this also works in pv-wave. Hopefully it does.  
-JB

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Subject: Re: 3D scatter plots  
Posted by [Mirko Vukovic](#) on Fri, 17 May 1996 07:00:00 GMT  
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Stephen F. Kawalko wrote:  
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> as a 3D scatter plot before I grid the data and plot it as a  
> surface. What PV-Wave function do you use? "Plots" looks like  
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I would think that the ps keyword would plot symbols

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Subject: Re: 3D scatter plots  
Posted by [kawalko](#) on Mon, 20 May 1996 07:00:00 GMT  
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In article <DrIKu8.E5o@hpl.hp.com>, peter@hpl.hp.com (Peter Webb) says:

>  
> Stephen F. Kawalko (kawalko@boulder.nist.gov) wrote:  
> : I have some irregularly spaced data that I would like to plot  
> : as a 3D scatter plot before I grid the data and plot it as a  
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> Use psym=3 (or 2, if you want \*'s at the points)

Ok, that works but it is not very intuitive. Why should the choice  
of the symbol displayed at a data point affect the how points are  
connected?

Stephen Kawalko  
kawalko@boulder.nist.gov

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