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Subject: 3d histograms

Posted by [aaron](#) on Tue, 07 Mar 1995 17:03:50 GMT

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I am trying to use PV-Wave to display a discrete data of x,y,z form.  
Because it is discrete neither surface nor shade\_surf are appropriate  
but I can find no way to easily produce a 3d histogram and would like  
to avoid writing the code to produce one if it has already been done.  
Is a PV-WAVE program available to produce 3d shaded histograms from ftp?

Thanks

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+-----+
| Aaron Turner      | Advanced Computer Architecture Group |
| aaron@minster.york.ac.uk | University of York      |
+-----+
```

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Subject: Re: 3d histograms

Posted by [knipp](#) on Wed, 08 Mar 1995 13:32:21 GMT

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In article 21213@leeds.ac.uk, aaron@p9news.leeds.ac.uk (Aaron Turner) writes:

> I am trying to use PV-Wave to display a discrete data of x,y,z form.  
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>  
> Thanks

>  
> +-----+  
> | Aaron Turner | Advanced Computer Architecture Group |  
> | aaron@minster.york.ac.uk | University of York |  
> +-----+  
>

To my understanding (I'm using IDL) there exists a routine in Wave called  
PLOT3D.

Look at it; maybe you can need it or at least get the idea how to solve  
your problem.

Karl

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/// \_ \\\ Karlheinz Knipp            phone: +49 511 - 762 4922  
/// \_\\ University of Hannover        fax: +49 511 - 762 2483  
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Subject: Re: d histograms

Posted by [velt](#) on Sat, 18 Mar 1995 18:45:47 GMT

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In article <1995Mar7.170351.21213@leeds.ac.uk>, aaron@p9news.leeds.ac.uk (Aaron Turner) writes:

> I am trying to use PV-Wave to display a discrete data of x,y,z form.  
> Because it is discrete neither surface nor shade\_surf are appropriate  
> but I can find no way to easily produce a 3d histogram and would like  
> to avoid writing the code to produce one if it has already been done.  
> Is a PV-WAVE program available to produce 3d shaded histograms from ftp?

I don't know about PV-Wave, but in IDL there is a users-library function called LEGO. It's pretty old (1991), so it may also be available in PV-Wave.

Robert Velthuisen (velt@rad.usf.edu),  
Digital Medical Imaging Program of the  
H. Lee Moffitt Cancer Center and Research Institute at the  
University of South Florida, Tampa FL 33612.

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