
Subject: contour plots

Posted by [hans.clarke](#) on Thu, 05 Aug 2004 09:13:54 GMT

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I'm new to idl and I have data for variables f, g and h. How do I read the data in for all the variables and then make a contour plot?

Subject: Re: contour plots

Posted by [David Fanning](#) on Tue, 10 Aug 2004 05:08:31 GMT

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Hans Clarke writes:

> Sorry, one more question. How can I rewrite the original program to
> see a surface plot. I have tried Surface, gamma, period, f etc but it
> says I can't use 'Irregular or Nlevels and the array gamma must have 2
> dimensions.

Yes, whereas CONTOUR will actually grid the data to make a 2D array to contour (if you set the IRREGULAR keyword), you will have to do the work yourself with the SURFACE command. Here is an article that describes the process:

http://www.dfanning.com/tips/grid_surface.html

Cheers,

David

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