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Subject: Re: Contour plot

Posted by [David Fanning](#) on Fri, 12 Oct 2012 12:29:27 GMT

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Andres writes:

> I'm having problems doing this. I have 3 arrays: data, x, y. All of them are 1D. I want to create  
contour plot of Data with axis x and y.  
>  
> I tried  
>  
> contour,data,x,y,/irregular  
>  
> but the triangulation it produces gives me a too irregular contour that doesn't represent the data  
I have.  
>  
> Is there any other way of doing this?

You can take more control over the triangulation the Contour  
plot is doing, by using the Triangulate/Trigridd method  
yourself. Or, another (usually disappointing) option is  
to try to figure out how to use the GridData function  
is some reasonable amount of time.

Here is an example of using the Triangulate/Trigridd  
approach:

[http://www.idlcoyote.com/graphics\\_tips/griddedfillcontour.php](http://www.idlcoyote.com/graphics_tips/griddedfillcontour.php)

Cheers,

David

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

Seppure ma de ni thue. ("Perhaps thos speakest truth.")

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