
Subject: Contour plot

Posted by [panblosky](#) on Fri, 12 Oct 2012 07:41:11 GMT

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Hi all,

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?

Thanks!

Subject: Re: Contour plot

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

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Andres writes:

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> 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/Trigrid 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/Trigrid approach:

http://www.idlcoyote.com/graphics_tips/griddedfillcontour.php

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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