
Subject: Re: crazy contour

Posted by [David Fanning](#) on Wed, 02 May 2007 17:56:39 GMT

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R.G. Stockwell writes:

> Anyone have any ideas on what is going on? It almost seems
> like a bug in the contouring algorithm at the right hand edge of the plot,
> but I really don't have time to look into it any more.
> (I rotated a shade_surf command with shade= keyword and
> blanked out the zaxis labels to create a very nice facsimile of
> the contour plot I wanted.)

I presume you have XSTYLE=1 and YSTYLE=1 set, as you should
on ALL contour plots. I think the problem is that you are
looking at the "hole" in the contour plot and *thinking*
that is the problem.

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

This could probably be fixed if your levels started
with your minimum value. I would set the levels like this:

```
step = (Max(array) - Min(array)) / 10  
levels = Indgen(10) * step + Min(array)
```

If that doesn't solve the problem, then I'd like to
see that array, cause I don't really believe the story. :-)

Cheers,

David

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
