
Subject: Re: crazy contour

Posted by news.qwest.net on Wed, 02 May 2007 18:54:50 GMT

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"David Fanning" <news@dfanning.com> wrote in message
news:MPG.20a27ebfac10f124989f75@news.frii.com...

> I presume you have XSTYLE=1 and YSTYLE=1 set, as you should
> on ALL contour plots.

Yes. !x.style =1 and !y.style =1 in the startup.

I think the problem is that you are

> looking at the "hole" in the contour plot and *thinking*
> that is the problem.

That is not the problem. There is a "hole" where a maximum should
be, not a minimum. The behaviour remains when I create levels both
above and below the range of the data.

One odd thing, using /fill the file size 0.4mb. I just created the file
using /cell and it is a whopping 78Mb (yes megabytes). Obviously
something crazy is going on, that cell is handling it (in a thrashing sort
of way)
and fill is dropping it.

I'll reduce the code and post it.

>
> 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. :-)

:O

Thanks for the response. BTW idl 6.3 on windows.

IDL Version 6.3, Microsoft Windows (Win32 x86 m32). (c) 2006, Research
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