
Subject: Re: rough lines in IDL graphic window
Posted by [David Fanning](#) on Mon, 14 Nov 2005 18:47:09 GMT
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arctorit@yahoo.com writes:

- > I have a 2D field of which I make contour lines. On the graphic window
- > this contour lines
- > appear quite rough, i.e. they seem to be formed by small rods one after
- > the other.
- > When I print this to a PS file, the lines become magically smooth and
- > very nice to look at.
- >
- > Usually I don't care that much about this problem, but as now I would
- > like to do a movie,
- > starting from graphic window dumps, I would like to have the same
- > smooth lines also
- > in the graphic window.
- >
- > If someone can resolve this puzzle.....

Well, clearly the "problem" is resolution. You could try smoothing the data before you contour it on your display. Or, you could even try resizing your data set before you contour it on your display. Be sure to set the /INTERP keyword on CONGRID, or this won't help.

In either case, you are changing the data, of course, so you have to decide if aesthetic concerns are more important than scientific concerns. :-)

Cheers,

David

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