Subject: Re: polar surfaces

Posted by jsbenens on Sun, 16 Jun 1996 07:00:00 GMT

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Jarrod Andrew Chapman < jchapman@uclink.berkeley.edu> wrote:

- > I have been attempting to use POLAR_SURFACE to plot a nearly regularly gridded
- > data set. The problem is that I am getting output with higher resolution
- > detail that my input data set. Has anyone had this problem? Is there a
- > convenient way to avoid this (e.g. to have POLAR SURFACE output a smoother
- > result)?

POLAR_SURFACE interpolates your data onto a regular rectangular grid with resolution fixed by the keyword "SPACING". If you specify the spacing to give you higher resolution than your data contains, POLAR_SURFACE will interpolate your data onto the new higher-resolution grid, perhaps giving the appearance of higher resolution in your data. The solution is to set SPACING to be no higher than the resolution you want.

I hope that was what you were asking!

-Jeff.