
Subject: Re: polar surfaces

Posted by [jsbenens](#) on Sun, 16 Jun 1996 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

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 than 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.
