Subject: Re: Surface Plot Posted by Serdar Manizade on Thu, 20 Jul 1995 07:00:00 GMT View Forum Message <> Reply to Message

jun@parsifal.phys.columbia.edu (Jun Xu) wrote:

> Does anyone have a way to plot an irregular part of surface?

>

- > The problem is I have a data set Z(X,Y) defined on only part
- > of a rectangular. The shape of the well defined region is irregular.
- > I want to plot ONLY this part of surface without anything beyond
- > boundary of defined data points.

>

- It seems to me that "trigrid" can only extroplate data onto a
- full rectangular. Does anyone have a good idea?

>

Thanks a lot.

> Cheers.

You say your data is already on a grid? For those points on the grid that do not have defined z values, set the values to something big and use the MAX_VALUE keyword of the SURFACE routine to plot your data. This is the IDL version 3.6 way. version 4 has some new considerations of NaN's which may also provide a solution. Check the manual

Serdar Manizade NASA Wallops Flight Facility, Wallops Island, Virginia