
Subject: Re: Surface Plot

Posted by [Serdar Manizade](#) on Thu, 20 Jul 1995 07:00:00 GMT

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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 "trigrd" 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

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