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Subject: Re: Mesh spacing

Posted by [davidf](#) on Fri, 12 Sep 1997 07:00:00 GMT

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Neil Winrow writes:

> The mesh grid that covers the surface plot I have produced is causing me  
> one or two problems. I have made the lines as small as I can but my boss  
> is still not happy with the plot. As I move the plot around areas of the  
> plot become darker as the concentration of lines increases. Is there any  
> way that I can reduce the number of lines on the mesh grid, and  
> hopefully this will solve my problem.

Depending upon your application and needs, of course, the practical upper limit on most surface plots is an array of about 80 by 80. Arrays larger than that just produce too many lines to be easily visualized in a normal-sized window. I like a surface plot of about 60 by 60, so I find myself writing a lot of code that looks like this:

```
s = Size(array)
IF s[1] GT 60 OR s[2] GT 60 THEN $
  Surface, Congrid(array, 60, 60) ELSE Surface, array
```

Cheers,

David

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