
Subject: 3-D plots using TRIGRID

Posted by [jabarone](#) on Mon, 03 May 1993 21:48:46 GMT

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I would first like to thank everyone who helped me with my previous plotting problem. I think I've found a satisfactory solution. I now have another, somewhat related, question. When using TRIGRID to plot irregular data in conjunction with SURFACE, is there a way to plot the surface in terms of the x and y coordinate instead of the indices of the array.

Here is what I'm doing. I'm using TRIANGULATE and TRIGRID on irregular data in arrays X, Y, and Z. Then I send the gridded data to SURFACE like so:

```
SURFACE, TRIGRID(x, y, z, tri)
```

This works correctly and usually the surface comes out correctly, but the z coordinates are plotted in terms of the indices instead of X and Y. Is there any straight forward way around this. X and Y are not the correct dimensions to use with the gridded data created by TRIGRID. Any suggestions.

Thanks in advance.

John Barone
jabarone@athena.mit.edu
