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Subject: Setting ranges on surfaces

Posted by Richard D. Hunt on Tue, 15 Sep 1998 07:00:00 GMT

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I am having problems withthe surface command in that when I start setting ranges the surface extends past the axis region. It works fine for 2D plots. Try these examples.

```
x = FindGen(100)
y = FindGen(100)
Plot, x, y
Plot, x, y, XRange=[10,50]
```

Both of these ploits are fine. Now try this.

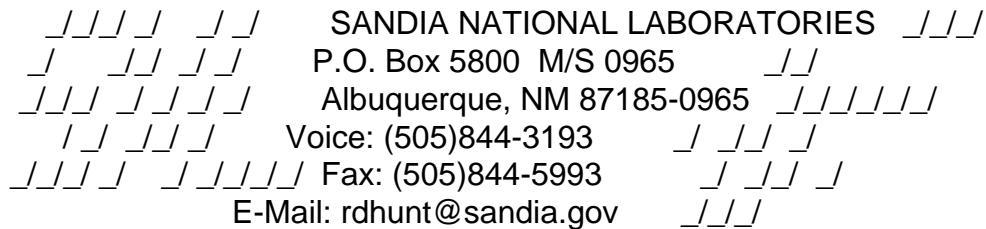
```
x = FindGen(100)
y = FindGen(100)
z = FindGen(100,100)
Surface, z, x, y
Surface, z, x, y, XRange=[10,50]
```

You will see the first surface command plots the data within the axis region but the second doesn't. Does anyone know how to fix this without having to resample the data?

Rich

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