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Subject: Re: Setting ranges on surfaces

Posted by [Alexander Proussevitch](#) on Wed, 16 Sep 1998 07:00:00 GMT

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Hi Richard:

The answer is

Surface, z(10:50,\*), x(10:50), y, XRange=[10,50]

- Alex P.

PS If you need, I can write almost all kinds of programs (including interfaces and complex math) in this language for very little money

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Richard D. Hunt wrote:

```
>  
> I am having problems with the 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 plots 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  
>  
> --  
>  
> Richard D. Hunt  
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