
Subject: Re: Setting ranges on surfaces
Posted by [davidf](#) on Wed, 16 Sep 1998 07:00:00 GMT
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Richard D. Hunt (rdhunt@sandia.gov) writes:

- > I am having problems with the surface command in that when
- > I start setting ranges the surface extends past the axis region.
- > Does anyone know how to fix this without having to resample
- > the data?

I don't think it *can* be fixed without resampling the data. I presume it has to do with the way the surface algorithm works with hidden line removal that is the problem, but I am only guessing.

In any case, resampling the data is not hard. I would do it something like this:

```
data = Dist(30,30)
x = Indgen(30)
y = Indgen(30)
Surface, data[10:20, 5:25], x[10:20], y[5:25]
```

Cheers,

David

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