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Subject: tall SURFACE plots don't work?

Posted by [rmw092001](#) on Tue, 16 Apr 2002 07:42:29 GMT

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Hello,

I need to make a 3-d SURFACE type plot, with the z axis twice the length of the x and y axes (sort of skyscraper shaped). This ought to be extremely simple??? -

Ordinary surface plot, with x,y,z axes the same length:

```
surface,dist(50),position=[.2,.2,.8,.8,.2,.8]
```

Surface plot with a 'squashed' z axis:

```
surface,dist(50),position=[.2,.2,.8,.8,.2,.4]
```

Surface plot with a 'stretched' z axis:

```
surface,dist(50),position=[.4,.4,.6,.6,.1,.9]
```

The 'squashed' z axis works fine, but IDL doesn't allow the last example? - or maybe I haven't understood how POSITION keyword works in 3 dimensions???

Thanks for any help,

RW

IDL5.5 Solaris

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