
Subject: 3D plot with correct aspect ratio

Posted by [Kristian Kjaer](#) on Thu, 26 Sep 2002 14:58:08 GMT

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I set up a 3D coordinate system and a projection with

```
range=[-7.,7] & az=40 & ax=35 ;, say
surface,dist(4),/nodata,/save,xran=range,yran=range,zran=range,$
    ax=ax, az=az, $
    xstyle=1+4,ystyle=1+4,zstyle=1+4
```

and then I plot in it with plotS.

The x, y and z axes are equivalent and in the same units,
(say, meters) so I want the resulting postscript to be a
true projection (with a known scale factor) of this 3D field.
How do I achieve that?

Thanks for any pointers,
Kristian Kjær
