
Subject: Re: Axis issues, cgSurf and cgContour
Posted by [David Fanning](#) on Fri, 27 Feb 2015 20:00:03 GMT
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sam.tushaus@gmail.com writes:

> Sorry - by forcing the axes, I mean that I need to suppress them and then specify axis labels.
This can get pretty tedious since I want to automate the process, and I don't often have whole
numbers to use on the axis. Here's what I want to plot using cgSurf:
>
> data = elevation [25,320]
> x = longitude [25,320]
> y = latitude [25,320]
>
> I've tried "cgSurf, data, x, y" and "cgSurf, data, y, x", as well as something to the effect of
"cgSurf, data, x[1,*], y[1,*]"...but as I type that out, I'm realizing that I was thinking about it wrong. I
needed to do "cgSurf, data, x[*], y[1,*]" to match dimensions.
>
> However, I still have issues with cgContour. In that case, I've got:
>
> data = reflectivity [1440,31]
> x = time [1440]
> y = height [1440,31] (or [31] if I just use one row of data)
>
> I've tried everything I can think of to plot this, but I've had no luck.

Are you sure your [31] array is a row vector and not a column vector
[1,31], which would NOT work. That seems to be the simplest explanation,
because what you SAY you are doing would work perfectly well. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
