Subject: Re: plotting two dimension grid array
Posted by Gray on Sat, 04 Sep 2010 15:43:48 GMT
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On Sep 4, 10:36 am, Pom <pom4...@gmail.com> wrote:
> I have a two dimensions data set of
> FLTARR (num_point, nx , ny), I would like to plot this data into a 2D
> grid array
> of nx by ny. I would appreciate any tip.
>
> thanks,nixie.

Well, the array you create with this FLTARR call is not 2d, it's 3d.
Are you talking about a nx,ny array which is similar to an image? If
so, see SURFACE, CONTOUR, or TV. If not, can you give us some more
information?

Subject: Re: plotting two dimension grid array
Posted by Pom on Sat, 04 Sep 2010 16:06:20 GMT
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My data is not quite image data but 2D spectroscopy data, where
num_point is the time domain and nx and ny are spatial in X and Y
domain(dimensions).
I need to create nx by ny voxel grid, and in each voxel grid displays
time domain (num_point) data?
thanks.

Subject: Re: plotting two dimension grid array
Posted by Peter Clinch on Mon, 06 Sep 2010 09:38:10 GMT

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> thanks.

As above, I think SURFACE, CONTOUR or TV will be your friends, choosing between them according to exactly what works best for your particular data and who's getting what from it. You can also use the iSurface, iContour and iImage itools.

Pete.
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