Subject: Re: Question About Scatter Surface Pro (www.dfanning.com)
Posted by Antonio Santiago on Wed, 17 May 2006 15:34:50 GMT
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I think you can use the XRANGE, YRANGE, ZRANGE keywords or YCOORD_CONV
and so on to define how to show data.

Bye.

(I have my IDL very oxy-dated :( ).

j.vanknippenberg escribiï¿½:
> Hi everyone :)
>
> I want to use this program to view roughly 100 regularly spaced points,
> and their properties. The problem I seem to have is that the ORBS are
> not spherical, but instead kind of ellipsoid. This is because the data
> ranges for X, Y and Z are not comparable? What I mean is that the
> xrange goes from 0-100, while the zrange from 0-0.01 for example. Any
> idea on how to fix this? (Im relatively new to IDL ;))
>
> The program can be found here:
> http://www.dfanning.com/tip_examples/scatter_surface.pro
>
> And I think the orbs are created in this section:
>
> ; Create the symbols for each point. This is almost certainly
> ; not the most efficient way if you have lots of points, but
> ; it works well for a reasonable number.
>
> npts = N_Elements(x)
> orbs=ObjArr(npts)
> line=ObjArr(npts)
> FOR j=0,npts-1 DO BEGIN
> orbs[j] = Obj_New('ORB', Color=[r[zcolors[j]], g[zcolors[j]],
> b[zcolors[j]]], $
> Style=2, Radius=0.015, Pos=[x[j],y[j],z[j]])
> line[j] = Obj_New('IDLgrPolyLine', [x[j], x[j]], [y[j], y[j]],
> [min(z), z[j]], $
> Color=[r[zcolors[j]], g[zcolors[j]], b[zcolors[j]]])
> thisModel->Add, orbs[j]
> thisModel->Add, line[j]
> ENDFOR
>
> Also, my data consists of 3 different sets. I would like to have 1
> color for each set, but ofcourse different when compared to the other
> 2. Any hints on how to proceed on this?

>
> Thanks in advance! :)
>
> J.vanknippenberg
>