Subject: Re: black window on fsc_surface & fsc_surface_log?
Posted by btt on Thu, 12 Aug 2004 12:58:41 GMT
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David Fanning wrote:

>
> Yeah, I've never been able to figure out GRIDDATA either.
> Maybe Mr. Tupper can fill us both in. I do notice that
> the examples RSI provides don't bother with such extravagances
> as the X and Y vectors either. Wonder if there is a reason
> for that. :-)
>
> I guess you could try something like this. Whether
> this is *accurate* or not, I just don't know.
>
>  s = Size(griddedData, /Dimensions)
>  xx = Scale_Vector(Findgen(s[0]), Min(x), Max(x))
>  yy = Scale_Vector(Findgen(s[1]), Min(y), Max(y))
>  FSC_Surface, griddedData, xx, yy, Position=[0,1,0,1,0,1]
>
> You might have a look at the DELTA keyword to GRIDDATA, too.
> I thought you were using the equivalent in an earlier try
> with TRIGRID.
>

As I recall, START, DELTA (same as BG's gridSpace) and DIMENSION are all input keywords to GRIDDATA.

The only thing I would add is to calculate xx and yy with the following...

xx = FINDGEN(dimension[0]) * delta[0] + start[0]
yy = FINDGEN(dimension[1]) * delta[1] + start[1]

As far as the unexpected negatives on the triangulated surface are concerned, hmmm. I dunno.

Ben