
Subject: Re: GridData Conundrum

Posted by [David Fanning](#) on Thu, 22 Apr 2010 13:07:35 GMT

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ben.bighair writes:

- > It doesn't look to me like you are running the coordinates through
- > GRID_INPUT before passing them to GRIDDATA. In the past I found that
- > (generally) removed all subsequent potholes from the GRIDDATA process.

Well, I tried this:

```
Grid_Input, x, y, air, x1, y1, air1
Triangulate, x1, y1, triangles1, TOLERANCE=1.0
griddedData = GRIDDATA(x1, y1, air1, $
    /SHEPARDS, DELTA=[25000.,25000.], TRIANGLES=triangles1, $
    DIMENSION=[304,448], START=[-3850000., -5350000.]
```

Now the Shepard's plot "blows up", but in a more orderly fashion, with straight lines. :-)

Still works on my LINUX box, though, which I find most disconcerting.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
