
Subject: Re: about contour

Posted by [btt](#) on Fri, 31 Oct 2003 14:08:27 GMT

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Christopher Lee wrote:

> In article <oGVnb.4174\$Nm6.241992@news20.bellglobal.com>, "Chris"

> <not@this.address> wrote:

>

>

>

>> news:20031029.092226.1398295499.15916@buckley.atm.ox.ac.uk..

>>

>>> In article <eceee805.0310282257.1de74ee3@posting.google.com>, "Park

>>> Kyung Won" <parkkw@mail1.pknu.ac.kr> wrote:

>

> <snip>

>

>>> Use SPH_SCAT...e.g.

>>>

>

>

>> Can't he use just:

>> contour,rainfall,longitude,latitude,/irregular ;; (assuming lat & lon

>> are in decimal degrees)

>> something like that; plus play around with levels, etc. I don't have IDL

>> up and running right now, so I don't remember :((another) Chris

>

>

>

>

> You can use /irregular (even though my contour wrapper seems to make a

> dog's breakfast out of it...) to plot the data, but it looks "better" on

> the plot with sph_scat, how much non-existent data the interpolation has

> added I don't know.

>

> In the IDL helpfile example for SPH_SCAT (a sine wave in longitude and

> cosine in latitude I think) the circles on the map appear as circles using

> SPH_SCAT, but they appear as jaggy polygons (reflecting the data) using

> /irregular.

>

> Chris.

Hi,

A couple of other options:

Use the newish GRID_INPUT/GRIDDATA functions that appeared with IDL5.5. These functions provide many features for sampling the data onto a grid before

contouring.

Use the new iTools contour tool that provides a nice GUI to the GRIDDATA function.

Ben
