Subject: Re: Q: Irregularly gridded data
Posted by dan on Wed, 03 Mar 1993 00:30:59 GMT
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In article <1n2cceINN852@mailgzrz.TU-Berlin.DE>, peba1231@camillo.fb12.tu-berlin.de (Peter Bartsch) writes:
|> Is there an easy way (in IDL) to interpolate irregularly gridded data
|> onto a regular *curvilinear* (bodyfitted) grid? Perhaps an extended TRIGRID,
|> which accepts arrays x(i,j) and y(i,j) (the target grid) as an input?
|>
|> Any hints are very welcome,
|>
|> Peter
|>
|> --
|> ---------- ----------
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|> ---------- ----------

As I understand it, if one has irregularly gridded data with x coordinates (x),
y coordinates (y) and a function (f), then the following commands will plot contours

```
TRIANGULATE,x,y,tr
newdata = TRIGRID(x,y,f,tr)
CONTOUR,newdata
```

For now this will only work in 2D. A 3D version has been promised for the near future.

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