Subject: Re: Nearest Neighbor ... again!
Posted by David Fanning on Thu, 08 Jul 2010 13:21:45 GMT
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Fabzi writes:

- > You probably have been asked many times, but once again this
- > apparently simple problem is driving me crazy. The problem is famous:

>

- > I have a 2D grid defined by x1 (dim 2 array, for example lons) and y1
- > (dim2 array, for example lats). And I want to fit it to a second grid
- > x2, y2. More precisely, I want to know the indexes in GRID1 that are
- > the closest to each of my points in GRID2. The output of my function
- > has then the same dimension as GRID2.

Unless I completely miss the point, this seems to me to be a simple nearest neighbor interpolation from one grid to another. CONGRID has been used for this purpose for years. :-(

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.")