
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

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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