Subject: Re: interpolation question
Posted by peter.albert@gmx.de on Thu, 20 Apr 2006 08:20:16 GMT
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Hi Chen,

I haven't tested this extensively, but I would try

nn = y[round(interpol(indgen(n_elements(x)),x, u))]

where "x" and "y" are the, well, x and y values and "u" is the vector
with x-values for which the nearest neighbours are to be found.

What goes on?

The interpol command interpolates the indices of the x and y vectors to
the new locations, round actually finds the nearest neighbour in terms
of index, and then we just assign y with those indices.

Regards,

   Peter