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Subject: Re: Regrid / Interpolation Question  
Posted by [Sean\[1\]](#) on Fri, 23 Mar 2012 18:04:31 GMT  
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> Use INTERPOLATE instead of INTERPOL, and compute a 2-D array of  
> coordinates to match yin that contains the row index of each point.  
>  
> Ken Bowman

I can see the general idea for doing this with interpolate --The code should look something like

```
yinterpolates = REBIN( transpose(lindgen(nj)), n_elements(yout), nj)  
yout = interpolate( yin, xinterpolates, yinterpolates)
```

but I don't quite get how to calculate the x-interpolates. The problem is that the values in vin, while ordered in each row, are not evenly spaced -- Am I missing something simple here?

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