
Subject: Re: resampling on irregular grid

Posted by [Fabzi](#) on Thu, 07 Jun 2012 10:53:04 GMT

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On 06/07/2012 04:25 AM, bing999 wrote:

> Hi,
>
> I would like to resample an array A, from an irregular grid to another
> one .
>
> The 1st column A[0,*] (= the x-axis) is irregularly binned, and the
> 2nd column A[1,*] contains the corresponding y-axis values.
> I just want to resample the 2nd column A[1,*] according to another x-
> axis irregular grid, with P elements instead of N.
>
> This operation doesn't look quite complicated to perform, but I was
> wondering if there exists an optimized IDL function doing this.
> (especially because I have to deal with large arrays and I want the
> operation to be efficient...). REBIN and CONGRID seem to work only on
> regular arrays...
>
> Any idea?
> Thanks!

Hi,

Try GRIDDATA.

Cheers,

Fab
