
Subject: resampling on irregular grid

Posted by [Thibault Garel](#) on Thu, 07 Jun 2012 02:25:21 GMT

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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!
