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Subject: Re: Neither CONGRID nor REBIN...?

Posted by [James Kuyper](#) on Wed, 17 May 2006 14:05:28 GMT

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greg michael wrote:

- > Thanks Wayne - looks to be just what I need. Must admit, I'm surprised
- > CONGRID doesn't do this anyway. As for flux conservation, I think
- > that's just a fancy way of saying 'average'!

More accurately, it's a fancy way of doing averaging. When your new bins are related in the right way to your old bins, calculating the right average for the new bins is relatively simple. When they aren't, it can be highly non-trivial, and flux-conserving algorithms cope with some of the problems that can arise.

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