Subject: re-binning with linear interpolation
Posted by abc on Wed, 01 Jun 2011 08:17:10 GMT

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Dear all,
        i have a data set in which I have two columns. The first
column is the wavelength and the second column is the flux. The data
set as follows:

wavelength	flux
5201.720215	0.0097
5205.345215	0.0088
5208.970703	0.0080
5212.596191	0.0094
5216.221680	0.0133
5219.846680	0.0167
5223.472168	0.0169
5227.097656	0.0156
5230.722656	0.0145
5234.348145	0.0138
5237.973633	0.0130
5241.599121	0.0118
5245.224121	0.0110
5248.849609	0.0116
5252.475098	0.0134
5256.100586	0.0147
5259.725586	0.0139
5263.351074	0.0126
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I want to re-bin the wavelength at a step of 1 A and also the flux at
the same step but with linear interpolation.

I am bit confused that which function of IDL i.e 'Rebin, Congrid,
Interpolate' I should use and how.

Hope someone know the answer.
looking for the answer.
Thanks in advance.