
Subject: Re: fitting after rebinning

Posted by [Greg Hennessy](#) on Fri, 07 Dec 2007 01:14:28 GMT

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On 2007-12-07, biophys <biophys@gmail.com> wrote:

- > Well I do this kinda
- > fitting almost everyday with CCD images. If you can imagine each data
- > point of the image array as the readout of a CCD array, you will
- > understand this almost immediately.

Well, I should have understood it immediately.

- > To proper scale the results before and after rebin you just have
- > to get rid of the half pixel "offset" and do the scale and add back
- > the half pixel back after scaling. e.g.
- > $255.5 + 0.5 = (31.5 + 0.5) * (512/64) = (7.5 + .5) * (512/16)$

I had been trying to subtract the half pixel, and my math wasn't working, adding it would have given me the math you showed here.

I really hate dealing with those half pixel offsets.
