
Subject: Re: Plot difference

Posted by [Giorgio](#) on Mon, 27 Apr 2009 20:35:01 GMT

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Thanks Jeremy, with reform the plots are the same. However, I do not understand why with rebin the result is different. I suppose I should read the manual carefully.

On Apr 27, 12:55 pm, Jeremy Bailin <astroco...@gmail.com> wrote:

> On Apr 27, 3:32 pm, Giorgio <giorgiol...@gmail.com> wrote:

>

>

>

>> Hi,

>> From 10 measurements of a CCD camera with a size of (1293 x 840)

>> points I calculate the mean and the standard deviation. I get

>> different plots if I plot just the 2D data or if I rebin to make a 1D

>> vector.

>> Let's say that my 2D arrays for the mean is called average and the

>> standard deviation is standard. Then the results are different if I

>> do:

>

>> plot, average, standard, psym = 4

>

>> and

>

>> plot, rebin(average, N_Elements(average)), rebin(standard, n_elements

>> (standard)), psym = 4

>

>> Any hint why is that?

>

>> Thanks,

>

>> Giorgio

>

> I think you mean reform instead of rebin.

>

> -Jeremy.
