
Subject: Re: Plot difference

Posted by [pgrigis](#) on Thu, 30 Apr 2009 21:24:26 GMT

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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?

I don't understand what the problem is.

`a=randomn(seed,100000L) & print,total(abs(a-rebin(a,n_elements(a))))`
shows that a and `rebin(a,n_elements(a))` are identical (as they should
be).

Ciao,
Paolo

>
> Thanks,
>
> Giorgio
