Subject: Re: problem in finding average for every 100 points in a data set.
Posted by Moritz Fischer on Mon, 03 Feb 2014 06:52:27 GMT
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To get the means over blocks of 100 values, I'd reform 'B' (100 values
each line, thus 3,000 lines), and then get the means along each line:

bb = mean(reform(B, 100, 3000), DIM = 1)

Am 01.02.2014 03:26, schrieb arsood:
> Hi,
> I have a data of B =300,000 and I want to find average for every 100 points. (eg, 0-100,101-200,201-300 and so on)
> I am using the following code
> pro at
> restore,'/home/coefficient.sav'
> nn = 300000
> BB = y3^2+y4^2
> B= sqrt(BB)
> bb = fltarr(long(nn-101))
> For i = long(0), long(nn-101),long(100) do begin
> bb(i) = mean(B(i:i+200))
> endfor
> print,bb
> end
> When I compile the program it prints zero along with nonzero values. so further I have o use another command for nonzero values
> print,bb(where(bb ne 0.0))
>
> Can please anybody tell me is my code correct and how can I print all non zero values in first place??
>
> Thanks
> ARSOOD
>
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