Subject: Re: array operations
Posted by Conor on Wed, 12 Sep 2007 15:11:20 GMT
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The other way to calculate the mean is by using rebin. When rebin
shrinks an array, it takes a mean of values. So rather than using:

the general way of doing it is;

mean_image = rebin(myarray,ncols,nrows)

or in your case:

mean_image = rebin(myarray,10,10)

rebin shrinks the array down to new dimensions of size 10x10. It
averages along the third dimension when making the new array.

On Sep 12, 6:59 am, Steve <f...@k.e> wrote:
> Since this sounds something like some of the processing I do, have you
> considered a different "average" - the median, idl's median function
> does have a dimension parameter, so:-
>
> medpixel=median(myarray,dimension=3,/even)
>
> Steve