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Subject: Re: row calculation in a 2D array

Posted by [Richard G. French](#) on Mon, 31 Aug 1998 07:00:00 GMT

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I don't know what the execution time penalty is for doing this,  
but I have often used

```
avg=reform(rebin(A[3:6,*],1,10))
```

not sure if the reform is essential in this example but in general  
it is useful for making sure a vector is a one-D array.

Dick French

>>

>> I want to perform the same operation on each sub-row in a 2D array.

>> Say I want to calculate the mean of element 4-7 in each row of a 10x10

>> array, and store the result in a 10 element-vector, where each element holds

>> the mean from the respective row

>>

>> how is this done the smartest way, without using time-consuming loops?

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>

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