
Subject: Vector Calculation Q

Posted by [handy](#) on Fri, 10 Jan 1997 08:00:00 GMT

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Hi,

I've got a puzzler I'd like to figure out. I want to do
sort of a "running integral on a vector, e.g. if I'm given

`a = [1, 4, 2, 6, 3, 4, 2, 6]`

Then I can easily do
for `i=0, (size(a))(1)-1`
 `b(i) = total(a(0:i))`

to get...

`b = [1, 5, 7, 13, 16, 20, 22, 28]`

...I'd like to do this with a vector instead of the loop.
Any ideas?

Thanks,

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