
Subject: How can I integrate? (easy question?)

Posted by [bdb112](#) on Wed, 20 Mar 1991 12:37:28 GMT

[View Forum Message](#) <> [Reply to Message](#)

How can I efficiently do a running sum of a vector (integrate)? The explicitly coded version (IDL v2)

for i=1,n-1 x(i)=x(i) + x(i-1) achieves the desired effect, but takes (VS3100) 1 second for a 2000 element array compared to .01 sec for $z=x+x$, a similar number of operations. This is such an obvious thing to do that I must be missing something obvious - I can't find it in the userlib either (just deriv).
