
Subject: Re: Help with matrix operations
Posted by [dan](#) on Tue, 27 Apr 1993 08:33:49 GMT
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In article <1rk7gs\$4m6@morrow.stanford.edu>, pln@egret0.Stanford.EDU (Patrick L. Nolan) writes:

|> I have a little matrix problem that I'm trying to do without using
|> loops. So far I'm not clever enough to figure out how to do it.

|> Suppose we have

|> A = fltarr(N,N)

|> B = fltarr(N)

|> C = fltarr(N,N,N)

|> I want to have $C(i,j,k) = A(i,j) + B(k)$

|> for all $i,j,k < N$. Is there a way to do this without writing

|> ugly loops? I'm sure it's trivial, and I'll feel like a dope

|> when the first person points it out. Fire away.

|>

|> --

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How about

for k=1,n do c(*,*,k) = a(*,*) + b(k)

That has a loop but its not to ugly.

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*****
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