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Subject: Help with matrix operations  
Posted by [pln](#) on Tue, 27 Apr 1993 21:10:52 GMT  
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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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