Subject: A more efficient way of multiplying this
Posted by stefano.rgc on Sun, 02 Aug 2015 02:44:38 GMT
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Hello, I have learnt a lot in this site. Now I will ask my first question.

Imagine you have a vector [x,y,z] and an array [[A1,A2,A3,...,An],[B1,B2,B3,...,Bn],[C1,C2,C3,...,Cn]]. What I need is multiply x by the vector [A], y by vector [B] and z by vector [C]. Currently I do this with a "for loop" (just 3 loops in this example) but this is very inefficient when the dimensions get bigger.

Some of you know a way to do this without resorting to a "for loop"?

I will appreciate any reply. Thanks.