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Subject: Array Multiplication

Posted by [moxament](#) on Sun, 25 Mar 2012 09:22:00 GMT

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Dear All,

I have the following question. Let's say we have a vector A and matrix array B so that:

A = [1, 2, 5, 2, 3]

B = [[2, 4], [1, 9]]

I want to multiply each element of the vector A with the matrix array B but WITHOUT using a FOR loop. Is that possible??? I need to do so in order to save execution time.

The output result should be an array C with dimensions C[2, 2, 5, 1].

Any help is appreciated.

MD

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