

# Cross Matrix with Vectors

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**Abstract**

This is a sample of a cross matrix with matrices, a column vector, and a row vector.

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$$\left[ \begin{array}{c} a \left[ \begin{array}{c} bx \\ \end{array} \right] \\ p \left[ \begin{array}{c} q^y \\ \end{array} \right] \end{array} \right]$$