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(a  $2 \times 3$  2nd Order Tensor) And The first Dimension Of B (a  $3 \times 2$  2nd Order Tensor) Must Match. Finally, The Resulting Tensor D, Will Be A  $2 \times 2$  2nd Order, Because The Index J Cancels Out And We Are Left With Two Unique Indices (i And K), Each With A Dimension Of 2. The Indices I And K Can Be Of Arbitrary Size. 1th, 2024

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Lecture Notes On Fluid Dynamics (1.63J/2.21J) By Chiang C. Mei, MIT February 6, 2007

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