Lecture notes from

Matrix Algebra for Engineers

The Hong Kong University of Science and Technology

Presented by

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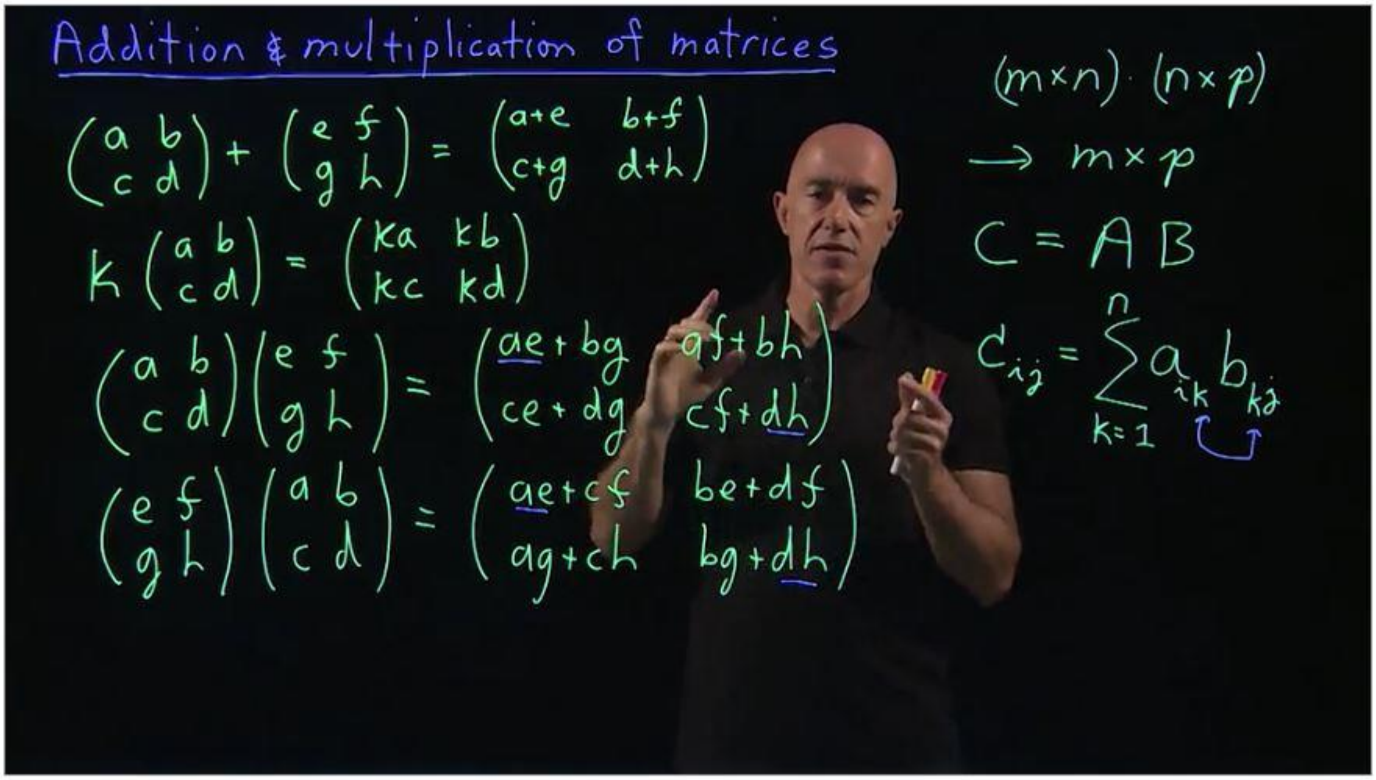
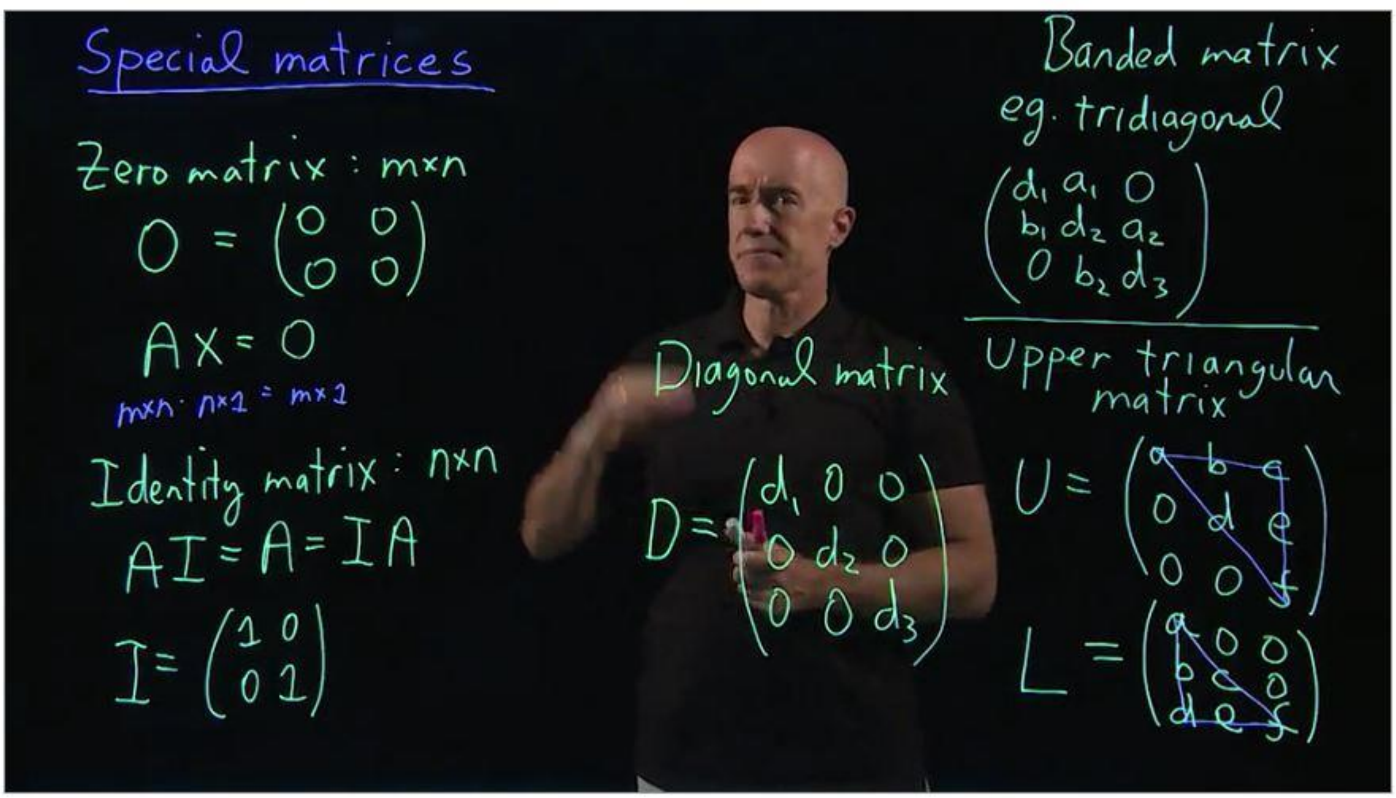
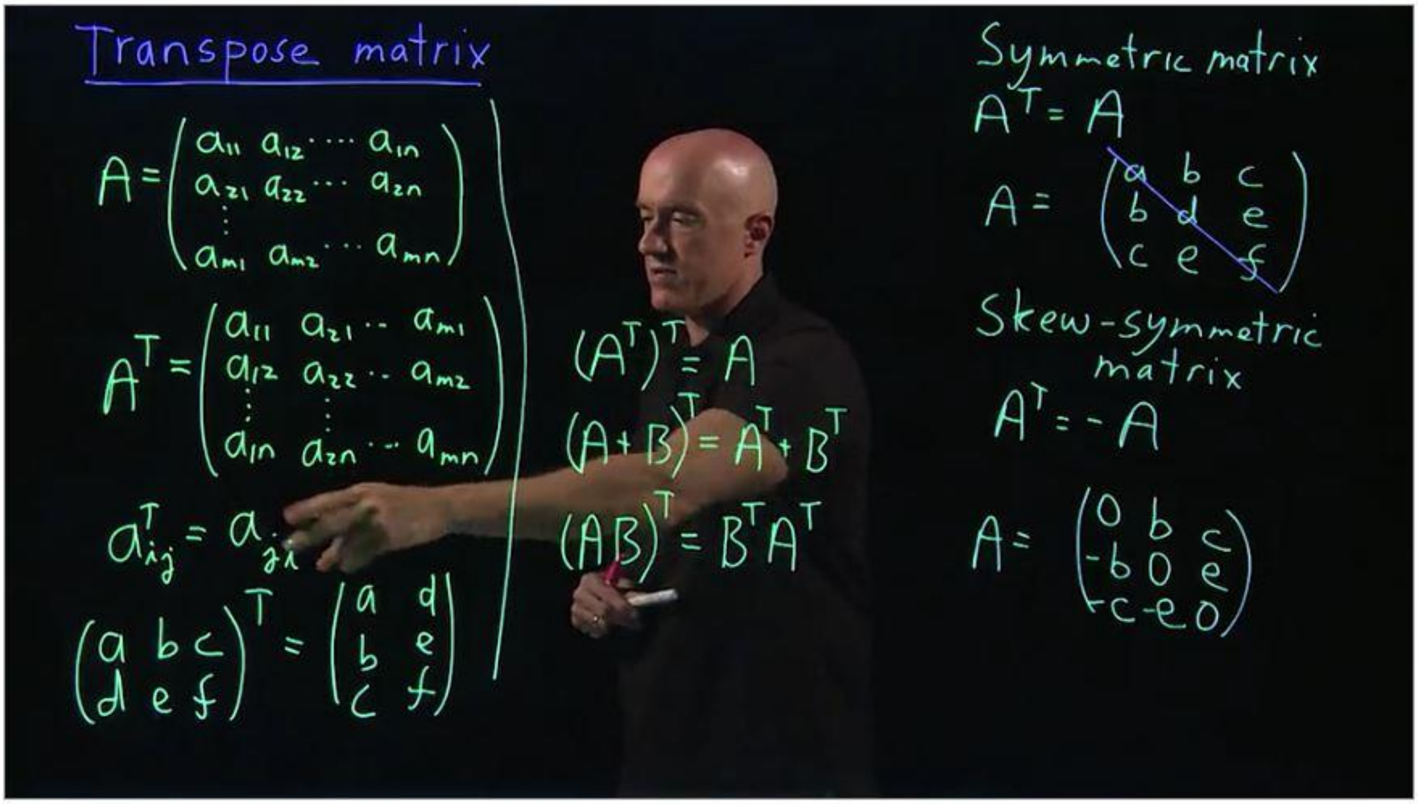
On the coursera web site



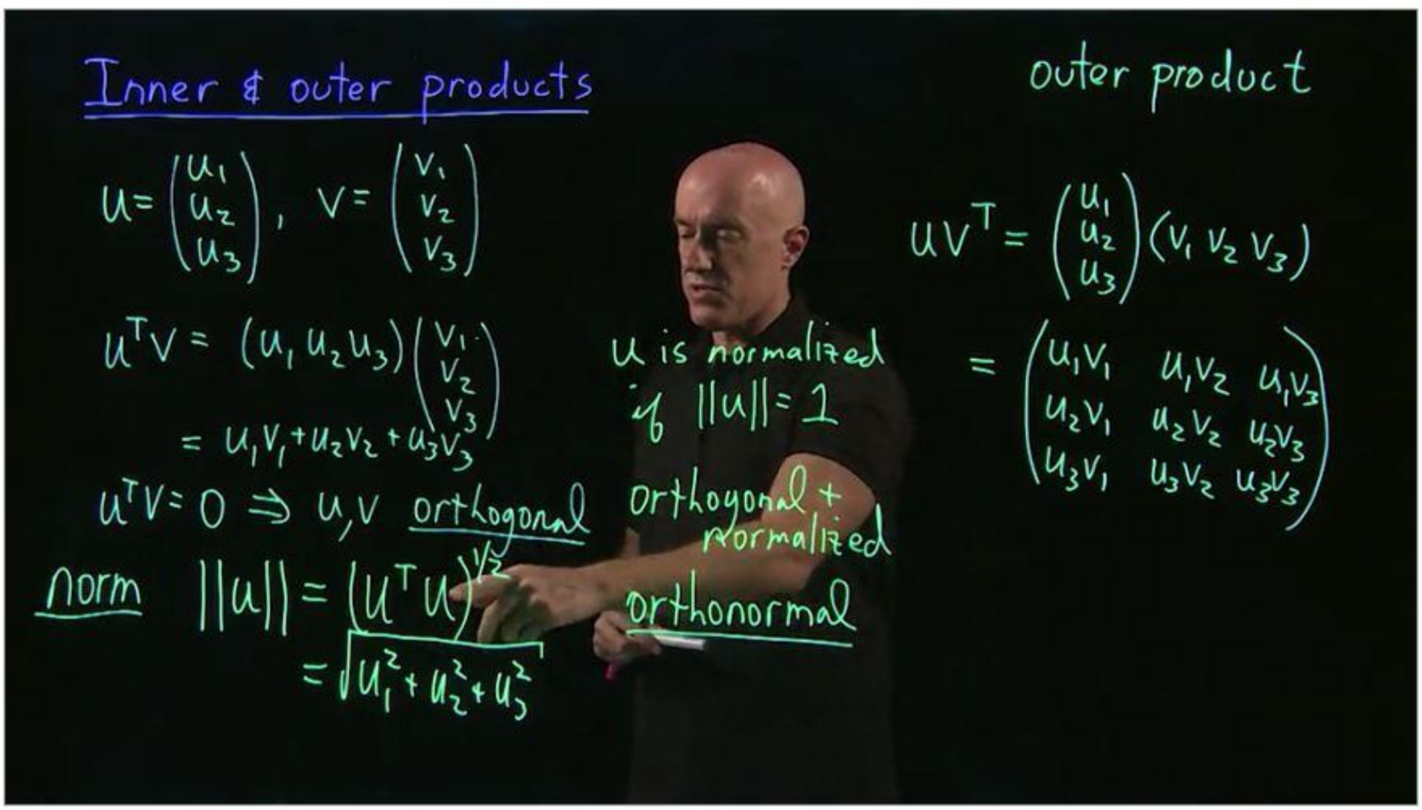
Addition and Multiplication of Matrices



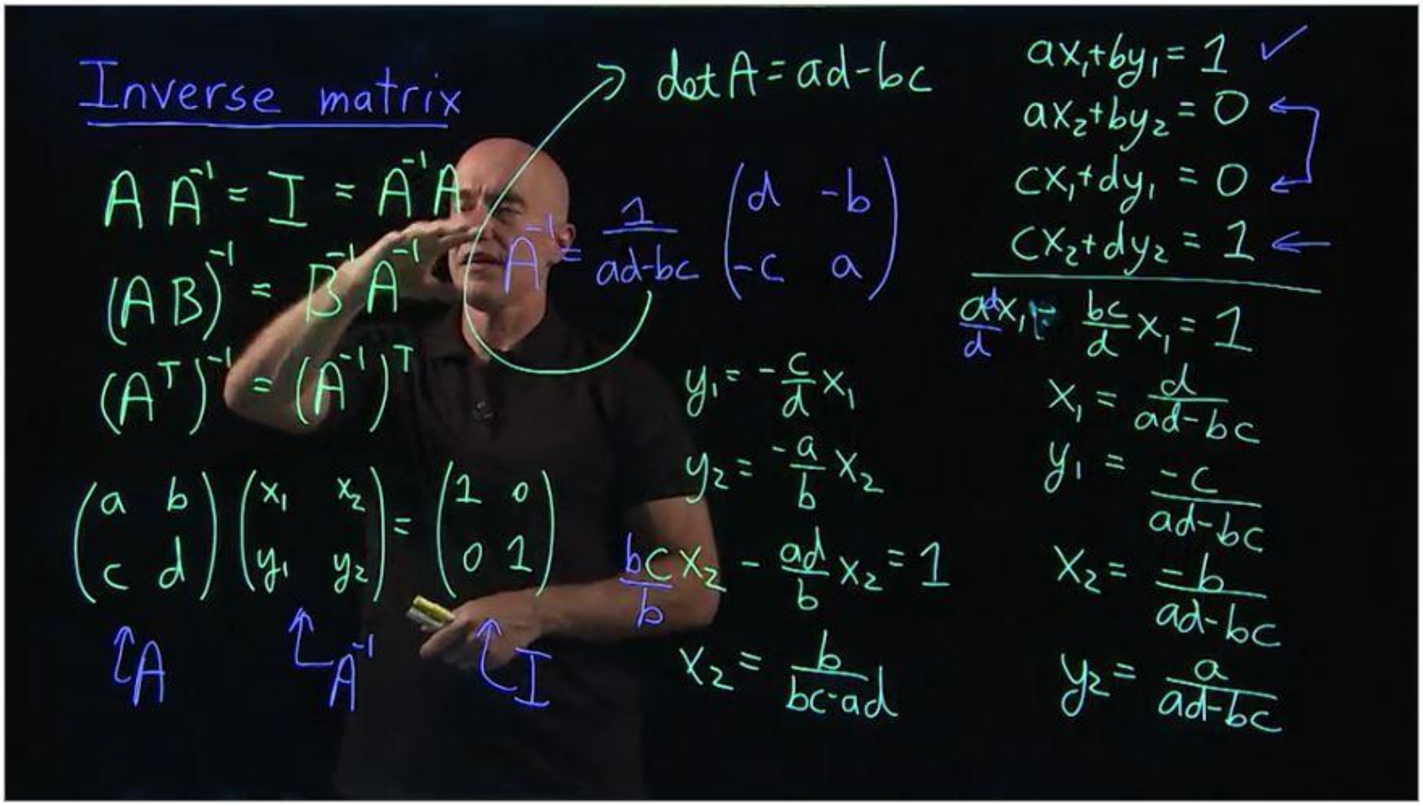
Special Matrices



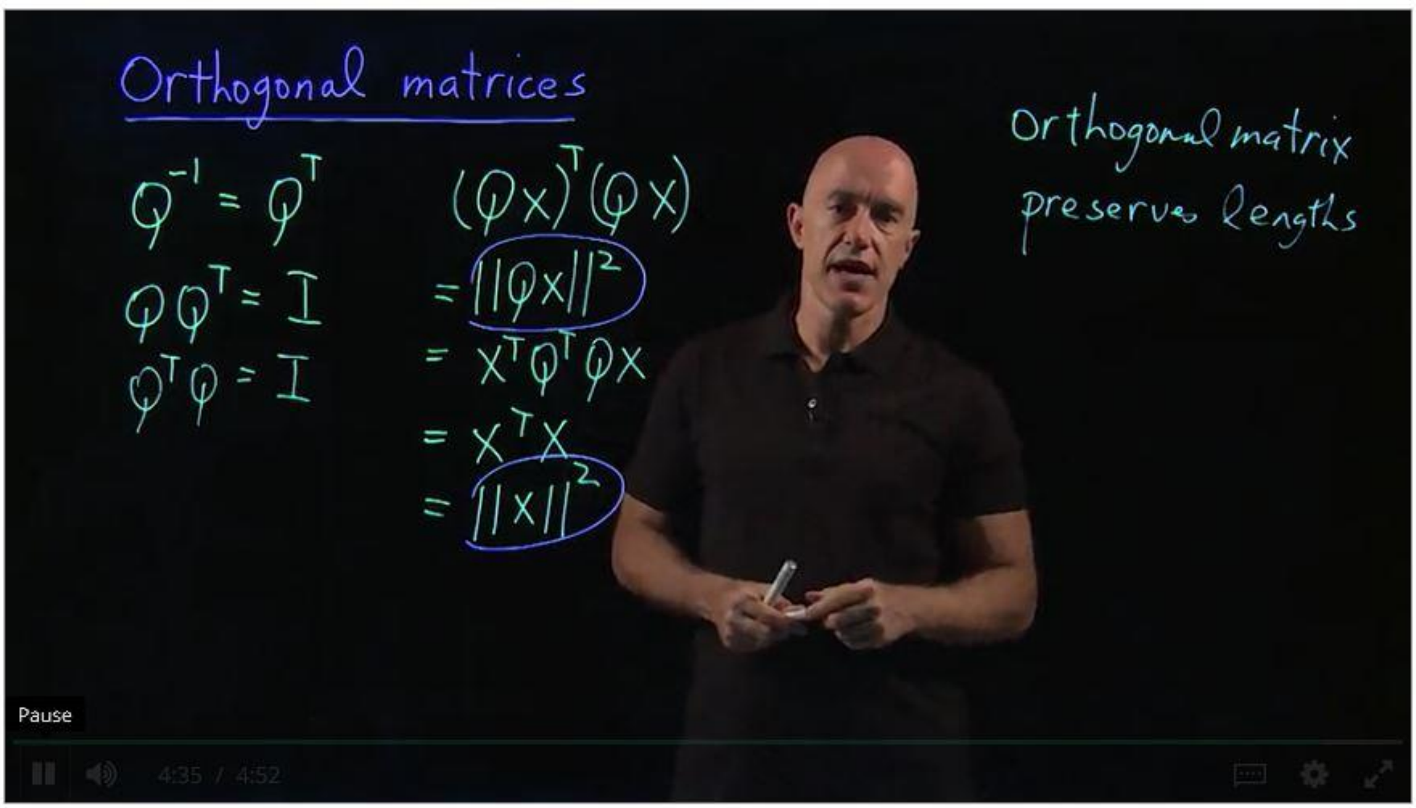
Transpose Matrix



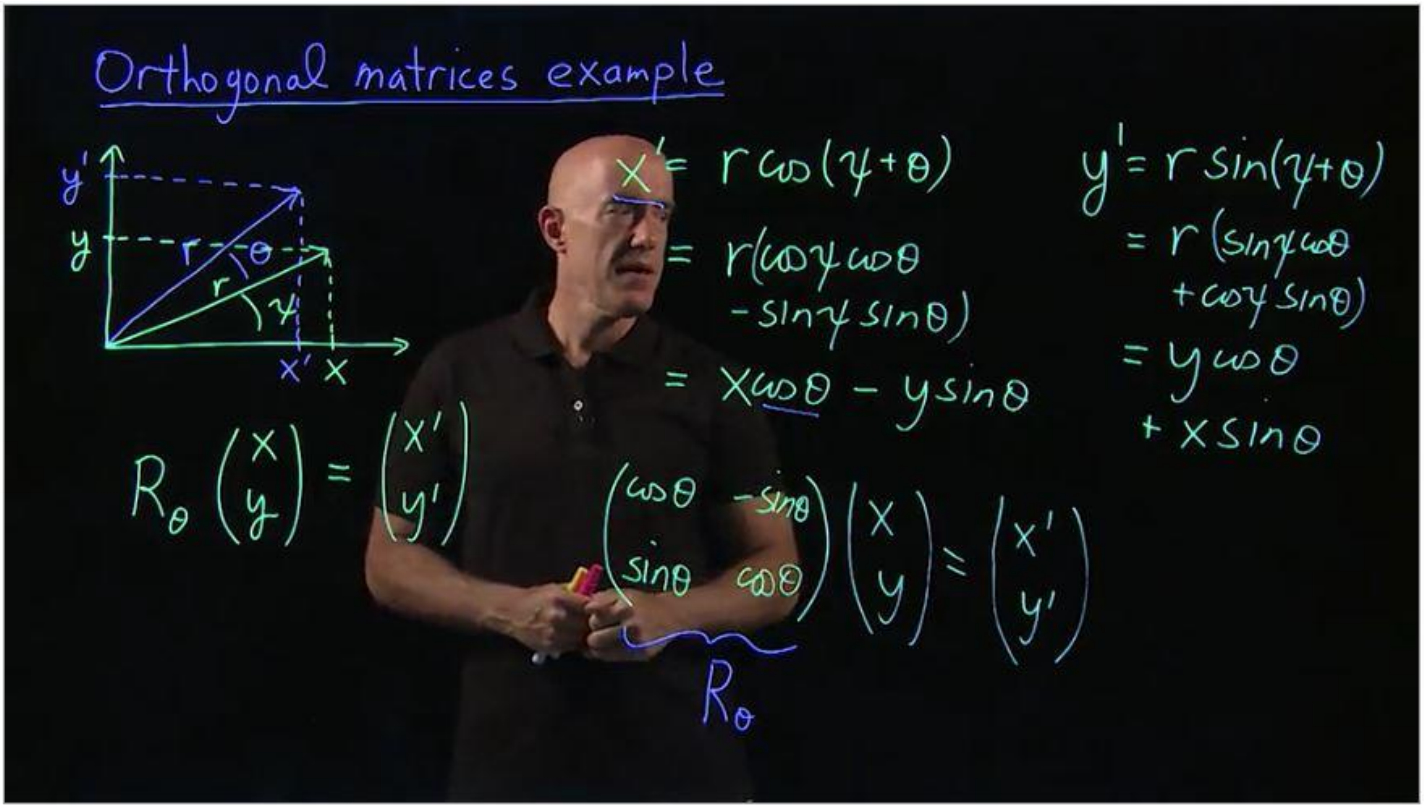
Inner and Outer Products



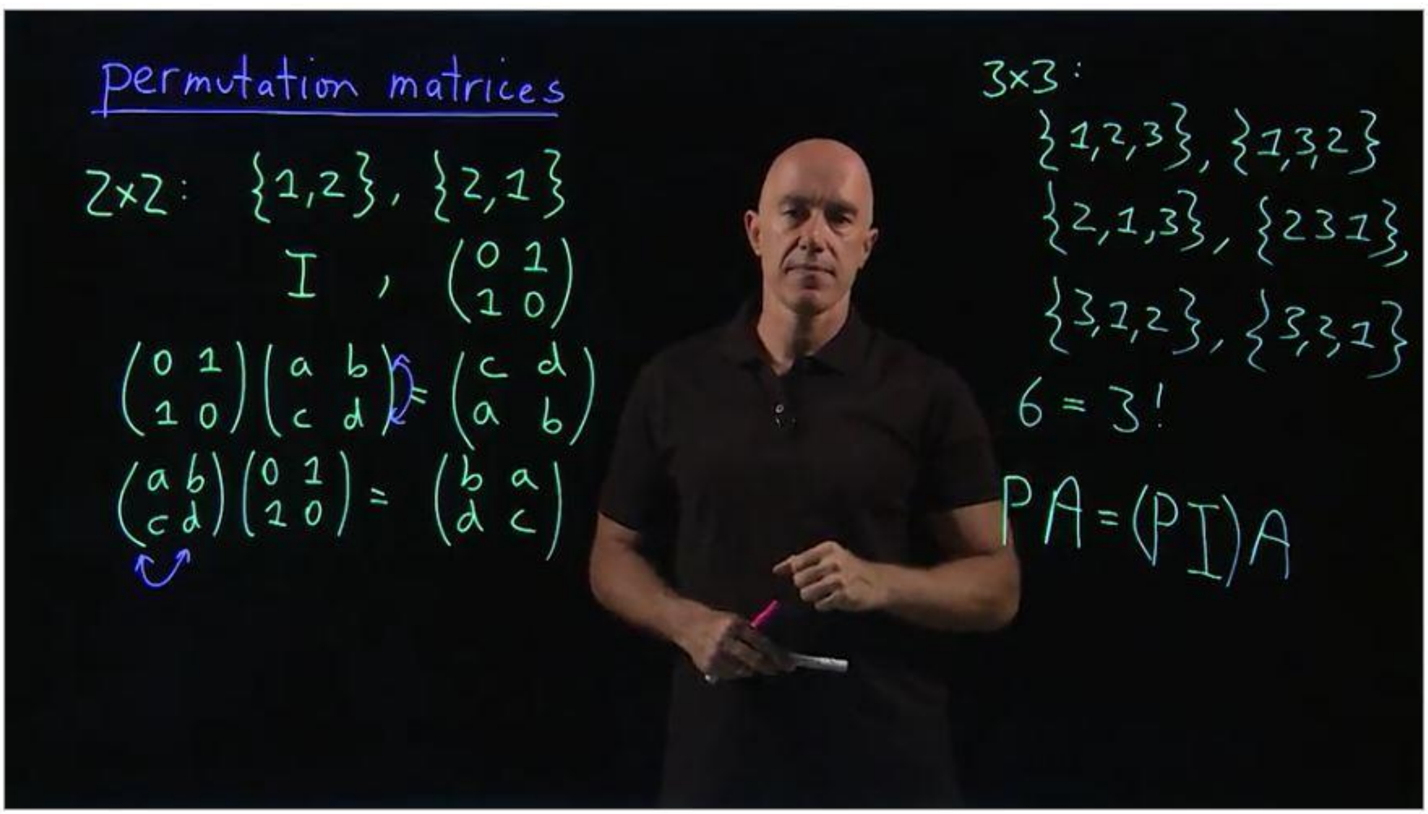
Inverse Matrix



Orthogonal Matrices



Rotation Matrices



Permutation Matrices