

Transpose

The arbitrary matrix A is transposed to matrix A^T .
The example is shown as

$$A = \begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{pmatrix}, \quad A^T = \begin{pmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \end{pmatrix}$$

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Trace

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Determinant
Cramer's rule
Constant multiple
Inverse matrix
Product
Addition
Subtraction
Hadamard product
Hadamard division
Hadamard power
Tensor product
Hadamard division
Hadamard power
Tensor product
Eigenvalue
Eigenvalue and eigenvector
Variance covariance matrix
LU decomposition
Direct method