



Advanced Matrices

$$u_n = a_n - \sum_{i=1}^{n-1} \text{proj}_{u_i}(a_n)$$

$$x'_i = \sum_j a_{ij} x_j$$

$$I = \begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$$

$$\begin{pmatrix} x'_1 \\ x'_2 \end{pmatrix} = \begin{pmatrix} \cos \alpha & \sin \alpha \\ -\sin \alpha & \cos \alpha \end{pmatrix} \begin{pmatrix} x_1 \\ x_2 \end{pmatrix}$$

$$V'(x'_1, x'_2, x'_3) = \hat{i}'V'_1 + \hat{j}'V'_2$$

$$T(k)^{-1} = T\left(\frac{1}{k}\right)$$

Vivek Mandot

Sushil Kumar Gandhi

Kirti Khurdiya

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$$u_n = a_n - \sum_{i=1}^{n-1} \text{proj}_{u_i}(a_n)$$

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