

8.10: The Inverse of a Matrix

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October 27, 2024

Definition: (Inverse) The **nverse** of a square matrix A is a matrix A^{-1} such that $AA^{-1} = A^{-1}A = I$.

The elements of an inverse matrix are determined by:

$$(A^{-1})_{ij} = \frac{C_{ji}}{|A|}$$