

A **matrix** is denoted M . The inverse is denoted M^{-1} .

$$A A^{-1} = \textcolor{red}{I}$$

Glossary

identity matrix (I) a diagonal matrix with all diagonal elements equal to 1 and all other elements equal to 0. [2](#), [3](#)

matrix (M) rectangular array of values. [1](#), [3](#)

matrix inverse (M^{-1}) a square **matrix** such that $MM^{-1} = I$. [1](#)