A matrix is denoted $\boldsymbol{M}$. The inverse is denoted $\boldsymbol{M}^{-1}$.

$$\boldsymbol{A}\boldsymbol{A}^{-1} = \boldsymbol{I}$$

Compare $\boldsymbol{A}[_0]$ with $\boldsymbol{A}_0$.

Glossary

identity matrix ($\boldsymbol{I}$) a diagonal matrix with all diagonal elements equal to 1 and all other elements equal to 0. 1

matrix ($\boldsymbol{M}$) rectangular array of values. 1
matrix inverse ($\boldsymbol{M}^{-1}$) a square matrix such that $\boldsymbol{M}\boldsymbol{M}^{-1} = \boldsymbol{I}$. 1