Inverse Matrix

Friday, May 26, 2023 1:40 PM

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

$$(AB)^{-1} = B^{-1} \cdot A^{-1} \times$$

$$(A^{T})^{-1} = (A^{-1})^{T} \times$$

$$(A)^{2} \times A^{2} = (1)^{T} \times$$

$$A^{T} = I$$

$$y_{1} = -\frac{cn_{1}}{d}$$

$$x_{1} + b\left(-\frac{cn_{1}}{d}\right) = 1$$

$$y_{2} = -\frac{an_{2}}{b}$$

$$x_{1} = -\frac{cd}{ad - bc}$$

$$x_{2} = -\frac{cd}{ad - bc}$$

$$x_{3} = -\frac{cd}{ad - bc}$$

$$x_{4} = -\frac{cd}{ad - bc}$$

$$x_{2} = -\frac{b}{ad - bc}$$

$$x_{3} = -\frac{b}{ad - bc}$$

$$x_{4} = -\frac{b}{ad - bc}$$

$$x_{4} = -\frac{b}{ad - bc}$$

$$x_{5} = -\frac{b}{ad - bc}$$

$$x_{6} = -\frac{b}{ad - bc}$$

$$x_{7} = -\frac{b}{ad - bc}$$

$$x_{1} = -\frac{b}{ad - bc}$$

$$x_{2} = -\frac{b}{ad - bc}$$

$$x_{2} = -\frac{b}{ad - bc}$$

$$x_{3} = -\frac{b}{ad - bc}$$

$$x_{4} = -\frac{b}{ad - bc}$$

$$x_{5} = -\frac{b}{ad - bc}$$

$$x_{6} = -\frac{b}{ad - bc}$$

$$x_{7} = -\frac{b}{ad - bc}$$

$$x_{8} = -\frac{b}{ad - bc}$$

$$x_{8} = -\frac{b}{ad - bc}$$

$$x_{1} = -\frac{b}{ad - bc}$$

$$x_{2} = -\frac{b}{ad - bc}$$

$$x_{3} = -\frac{b}{ad - bc}$$

$$x_{4} = -\frac{b}{ad - bc}$$

$$x_{5} = -\frac{b}{ad - bc}$$

$$x_{6} = -\frac{b}{ad - bc}$$

$$x_{7} = -\frac{b}{ad - bc}$$

$$x_{7} = -\frac{b}{ad - bc}$$

$$x_{8} = -$$