Pset #4: Using Matrix inverses to solve systems of equations

March 17, 2022

$$A = \begin{bmatrix} a & b \\ c & d \end{bmatrix}$$

$$A^{-1} = \frac{1}{ad-bc} \begin{bmatrix} d & -b \\ -c & a \end{bmatrix}$$

$$\begin{cases} 7x + 3y = 2 \\ 9x + 4y = 0 \end{cases}$$