$$det A = \begin{pmatrix} 1 & 2 & 3 \\ 4 & 0 & 6 \\ 7 & 8 & 9 \end{pmatrix} = 1 \cdot \begin{vmatrix} 0 & 6 \\ 8 & 9 \end{vmatrix} - 2 \cdot \begin{vmatrix} 4 & 6 \\ 7 & 9 \end{vmatrix} + 3 \cdot \begin{vmatrix} 4 & 0 \\ 7 & 8 \end{vmatrix} = -48 + 12 + 96 = 60$$

$$M = \begin{vmatrix} -48 - 6 & 32 \\ -6 - 12 - 6 \\ 9 - 6 - 8 \end{vmatrix}$$

$$A_{+} = \begin{vmatrix} -48 & 6 & 32 \\ 6 & -12 & 6 \\ 9 & 6 & -8 \end{vmatrix} \qquad A_{+}^{T} = \begin{vmatrix} -48 & 6 & 9 \\ 6 & -12 & 6 \\ 32 & 6 & -8 \end{vmatrix}$$

$$A = A_{4} / det A = \begin{vmatrix} -0.8 & 0.1 & 0.15 \\ 0.1 & -0.2 & 0.1 \\ 0.53 & 0.1 & -0.13 \end{vmatrix}$$

$$A \cdot A^{-1} = \begin{vmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 0.68 \end{vmatrix}$$