

Exercises on left and right inverses; pseudoinverse

Problem 26.1: Find a right inverse for $A = \begin{bmatrix} 1 & 0 & 1 \\ 0 & 1 & 0 \end{bmatrix}$.

Problem 26.2: Does the matrix $A = \begin{bmatrix} 4 & 3 \\ 8 & 6 \end{bmatrix}$ have a left inverse? A right inverse? A pseudoinverse? If the answer to any of these questions is "yes", find the appropriate inverse.