$$P = \begin{pmatrix} \cancel{1} & \cancel{0} & \cancel{0} & \cancel{0} \\ 0 & 1 & 0 & 0 \\ \cancel{0} & \cancel{0} & \cancel{1} & \cancel{0} \\ 0 & 0 & 0 & 1 \end{pmatrix} = \begin{pmatrix} 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix}$$