

$$\begin{array}{c}
 \begin{array}{ccc}
 & -3 & + \\
 & \downarrow & \downarrow \\
 & 2 & + \\
 & \downarrow & \downarrow
 \end{array} \\
 A = \left(\begin{array}{c|cc|cc}
 4 & 3 & 5 & 1 & 0 \\
 5 & 3 & 5 & 0 & -1 \\
 1 & 0 & 0 & & \\
 0 & 1 & 0 & & \\
 0 & 0 & 1b & &
 \end{array} \right) \begin{array}{c} \left[\right]^{-1} \\ \leftarrow + \end{array}
 \end{array}$$