

$$C = \left(\begin{array}{cc|c} & & \\ & 1 & 0 \\ C & 0 & 1 \\ & 1 & 0 \\ & 0 & 1 \end{array} \right)$$

$\underbrace{\hspace{10em}}$
 A

$\underbrace{\hspace{10em}}$
 B