de of sij

$$\begin{bmatrix} 1 & 0 & -Y & 1 & 0 & 0 \\ -Y & 1 & Y & 0 & 0 & 1 \end{bmatrix} \rightarrow \begin{bmatrix} 1 & 0 & -Y & 1 & 0 & 0 \\ 0 & 1 & -Y & W & 1 & 0 \\ 0 & -W & A & -Y & 0 & 1 \end{bmatrix}$$

$$\Rightarrow B^{-1} = \begin{bmatrix} \wedge & \psi & 1 \\ 1 & \psi & 1 \\ \frac{\vee}{\gamma} & \frac{\psi}{\gamma} & \frac{1}{\gamma} \end{bmatrix}$$

$$[A, I] = \begin{bmatrix} 1 & 0 & 0 & 1 & 0 & 0 \\ 1 & 1 & 0 & 0 & 1 & 0 \\ 1 & 1 & 1 & 0 & 0 & 1 \end{bmatrix} \Rightarrow \begin{bmatrix} 1 & 0 & 0 & 1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 1 & 0 \\ 0 & 1 & 1 & -1 & 0 & 1 \end{bmatrix}$$

$$A_{-1} = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 1 & 0 \end{bmatrix}$$

$$\Rightarrow A_{\gamma} = \begin{bmatrix} 1 & \bullet & \circ & \circ \\ -1 & 1 & \circ & \circ \\ \circ & -1 & 1 & \circ \\ \circ & \circ & -1 & 1 \end{bmatrix}$$