$$A^{\circ} = \left[\begin{array}{c|c} 0 & 4 & 5 \\ \hline 2 & 0 & \infty \\ \hline -3 & 0 \end{array}\right]$$

-ethnough weiter 1

A' =
$$\begin{bmatrix} 0 & 4 & 5 \\ 2 & 0 & 7 \\ \infty & -3 & 0 \end{bmatrix} \Rightarrow 2 \rightarrow 3 \qquad 2 \rightarrow 1 \qquad 1 \rightarrow 3$$

$$\begin{pmatrix} 2 & 0 & 7 \\ 2 & 0 & 7 \\ \infty & -3 & 0 \end{pmatrix} \Rightarrow \begin{pmatrix} 2 & 3 \\ 2 & 4 & 5 \\ 0 & 0 & 7 \\ 0 & 0 & 1 \end{pmatrix} = \begin{pmatrix} 3 & 2 & 3 \\ 2 & 4 & 5 \\ 0 & 0 & 1 \end{pmatrix}$$

$$\min(\infty,7)=07$$

$$2\rightarrow 3=7$$

$$\min\left(-3,\infty\right)=-3$$

through verten 2

$$A^{2} = \begin{cases} 0 & 4 & 5 \\ 2 & 0 & 7 \\ -1 & -3 & 0 \end{cases}$$

$$A^{2} = \begin{cases} 0 & 4 & 5 \\ 2 & 0 & 7 \\ \hline -1 & -3 & 0 \end{cases} \Rightarrow 1 \rightarrow 3 \qquad 1 \rightarrow 2 \qquad 2 \rightarrow 3$$

$$5 \qquad 4 \qquad 7$$

$$min(\hat{s}, 13) = 5$$

$$\min \left(\omega, -1 \right) = -1$$

$$\Rightarrow 1 \rightarrow 2 \qquad 1 \rightarrow 3 \qquad 3 \rightarrow 2$$

$$4 \qquad 5 \qquad -8$$

$$\min(4,2) = 2$$

$$1 \rightarrow 2 = 2$$

$$5)271 273 371 min(276)=2$$