

$$\begin{array}{l} \text{MAX} \\ i_1=1 \\ i_2=2 \\ i_3=0 \end{array} \left\{ 0 \begin{bmatrix} 2 & 3 \end{bmatrix} -1 \begin{bmatrix} 3 \end{bmatrix} \right\} = 8$$