

$$\epsilon_{y1} = \begin{vmatrix} 3 & 1 \\ -1 & 2 \end{vmatrix} = 6 + 1 = 7 \quad \begin{vmatrix} 0 & 1 \\ -3 & 2 \end{vmatrix} = 0 + 3 = 3$$

$$\begin{vmatrix} 2 & 1 \\ -1 & 0 \end{vmatrix} = 0 + 1 = 1$$

$$\epsilon_{y2} = \begin{vmatrix} 3 & 1 & 0 \\ -2 & 1 & 2 \\ 3 & -2 & -2 \end{vmatrix} = -6 + 6 + 0 - 0 - 4 + 12 = 8$$

$$\begin{vmatrix} -1 & 0 & 2 \\ -2 & 0 & 5 \\ 4 & -2 & -2 \end{vmatrix} = 0 + 0 + 8 - 0 - 0 - 10 = -2$$

$$\begin{vmatrix} 4 & 1 & 0 \\ -2 & 3 & 2 \\ 0 & -1 & -1 \end{vmatrix} = -12 + 0 + 0 - 0 - 2 + 8 = -6$$