

$$\left[\begin{array}{c|c|c|c|c|c|c} -1 & -1 & -1 & -1 & -1 & -2 & 0 \\ 0 & 0 & 0 & 0 & -1 & -1 & -1 \\ 0 & 1 & -1 & -2 & 0 & 0 & 0 \end{array} \right]$$