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