$$\left[\begin{array}{c|c|c|c|c|c|c} 2 & 3 & 1 & 0 & 2 & 2 & 2 \\ 1 & 1 & 1 & 1 & 1 & 0 & 2 \\ 1 & 1 & 1 & 1 & 0 & 0 & 0 \end{array}\right]$$