

$$C = \left[\begin{array}{c|c|c|c|c|c|c} \textcolor{red}{0} & \textcolor{black}{1} & \textcolor{red}{1} & \textcolor{black}{0} & \textcolor{red}{1} & \textcolor{blue}{1} & \textcolor{blue}{2} \\ \textcolor{red}{0} & \textcolor{black}{0} & \textcolor{red}{1} & \textcolor{black}{1} & \textcolor{red}{1} & \textcolor{blue}{2} & \textcolor{blue}{1} \\ \textcolor{red}{0} & 0 & \textcolor{red}{0} & 1 & \textcolor{red}{1} & \textcolor{blue}{1} & \textcolor{blue}{1} \end{array} \right]$$