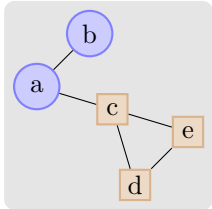


(a)



(b)

$$\begin{array}{c} a \\ b \\ c \\ d \\ e \end{array} \begin{pmatrix} a & b & c & d & e \\ \begin{pmatrix} 1 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 & 1 \\ 0 & 0 & 0 & 1 & 1 \end{pmatrix} \end{pmatrix}$$

$$\begin{array}{c} a \\ b \\ c \\ d \\ e \end{array} \begin{pmatrix} a & b & c & d & e \\ \begin{pmatrix} 1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \\ 0 & 0 & 1 & 1 & 1 \end{pmatrix} \end{pmatrix}$$