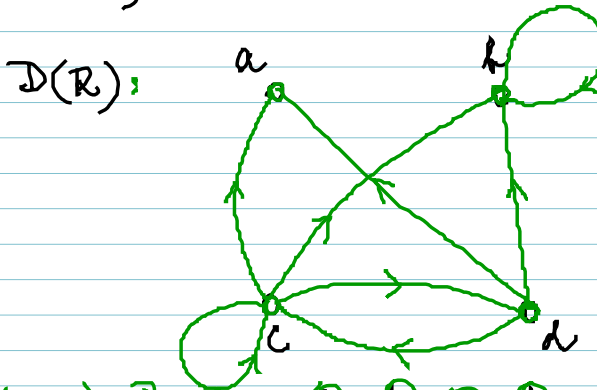


Mějme množinu  $X = \{a, t, c, d\}$  a na  
ní relaci  $R = \{(c, a), (d, a), (c, t), (d, t),$   
 $(c, d), (d, c), (c, c), (t, t)\}$ .

Nakreslete diagram  $D(R)$  a matici  
 $M(R)$  této relace  $R$ .



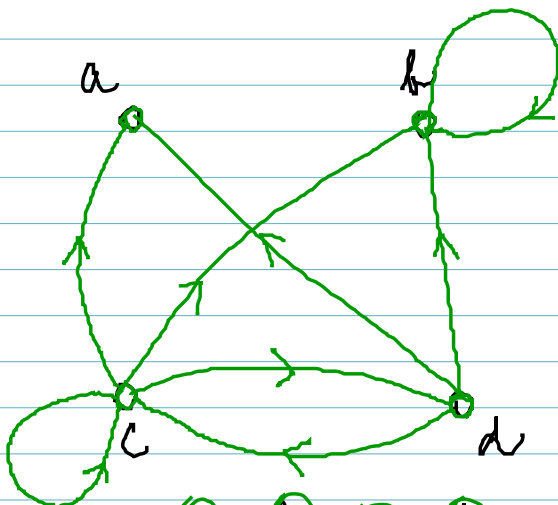
$(c, d) \in R$

$$M(R) = \begin{matrix} & \begin{matrix} a & t & c & d \end{matrix} \\ \begin{matrix} a \\ t \\ c \\ d \end{matrix} & \begin{bmatrix} 0 & 0 & 0 & 1 \\ 0 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 0 \end{bmatrix} \end{matrix}$$

Mějme množinu  $X = \{a, b, c, d\}$  a na ní relaci  $R = \{(c, a), (d, a), (c, b), (d, b), (c, d), (d, c), (c, c), (b, b)\}$ .

Nalzněte, diagram  $D(R)$  a matici  $M(R)$  této relace  $R$ .

$D(R)$ :



$(c, d) \in R$

$$M(R) = \begin{matrix} & \begin{matrix} a & b & c & d \end{matrix} \\ \begin{matrix} a \\ b \\ c \\ d \end{matrix} & \begin{bmatrix} 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 0 \end{bmatrix} \end{matrix}$$