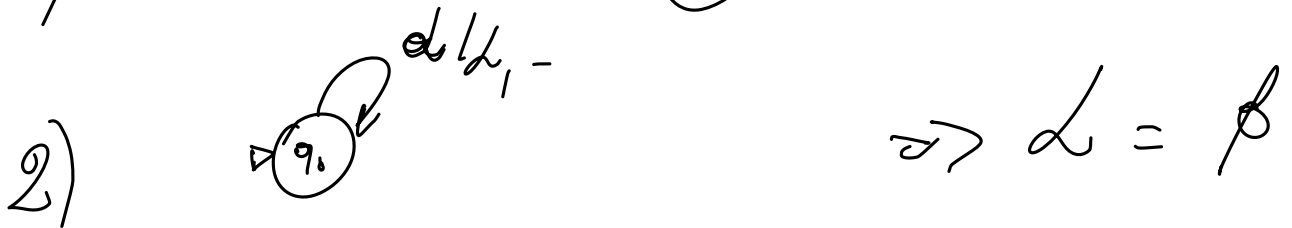
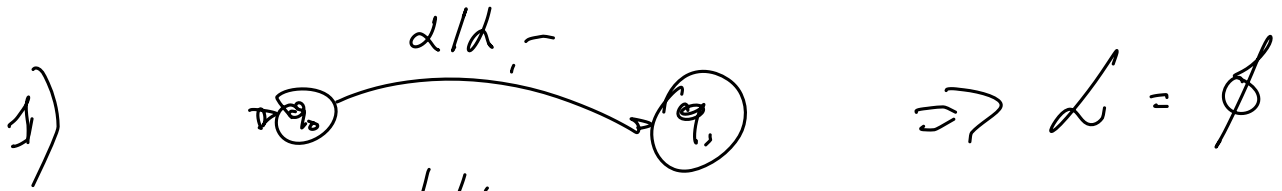


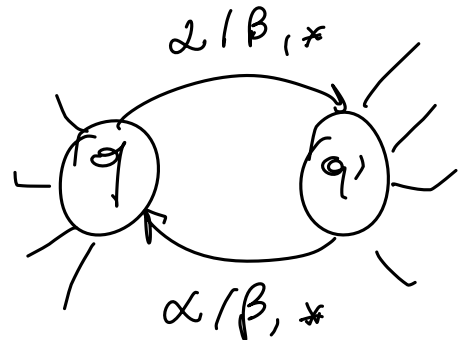
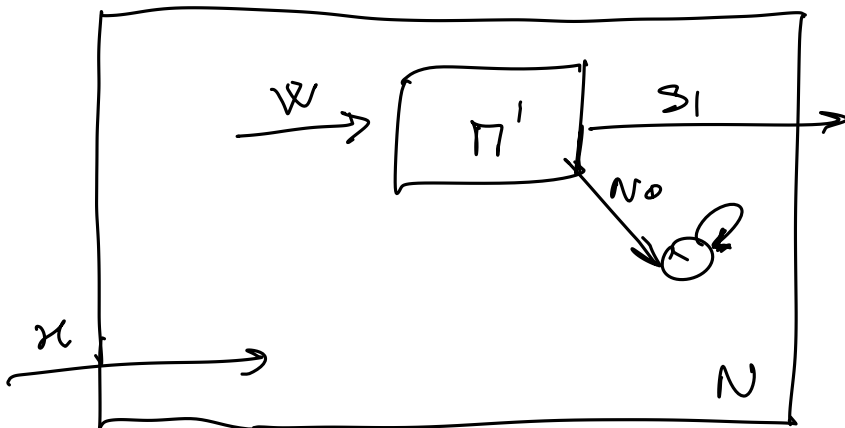
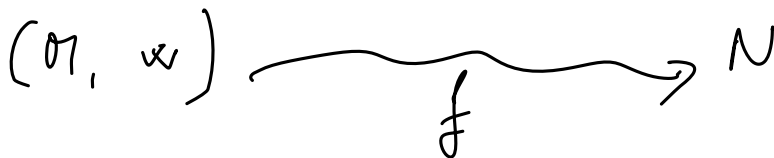
$$L = \left\{ A \# B \# w_1 \# \dots \# w_n \mid \begin{array}{l} A, B, w_i \in (a|b|c|d)^+ \\ n = |A| + |B|, w_i = z_i s_i z_i s_i^* \\ |z_i|, |s_i| > 0 \end{array} \right\}$$



$L_{a \times b} \in \text{co-RF}$

$L_{a \times b} \notin R$

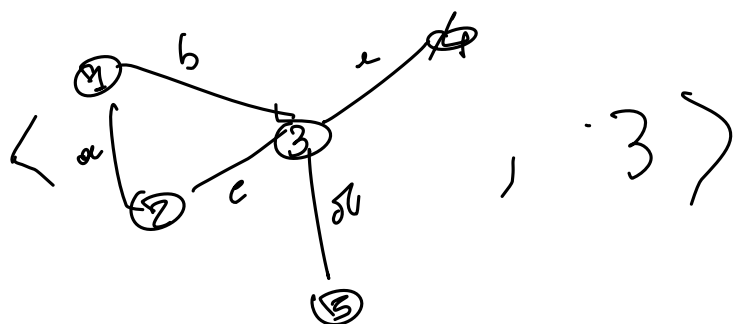
$L_n \leq L_{a \times b}$



IS

 $\leq$

TR

 $\langle G, K \rangle$  $\langle V, E \rangle$ $\langle T, D, A, l \rangle$  $T = \{t_1, t_2, t_3, t_4, t_5\}$ $D = \{d_a, d_b, d_c, d_d, d_e\}$ $A = \{(t_1, d_a, v), (t_2, d_a, v), \dots\}$ $l = K$

- Per ogni nodo v_i DGL GRAFO, genero una transazione t_i .
- Per ogni arco e_i DGL GRAFO, genero un dato d_i .
- Per ogni arco $(v_i, v_j) \in E$ DGL GRAFO, genero un dato (t_i, d_k, v) .
- $l = K$