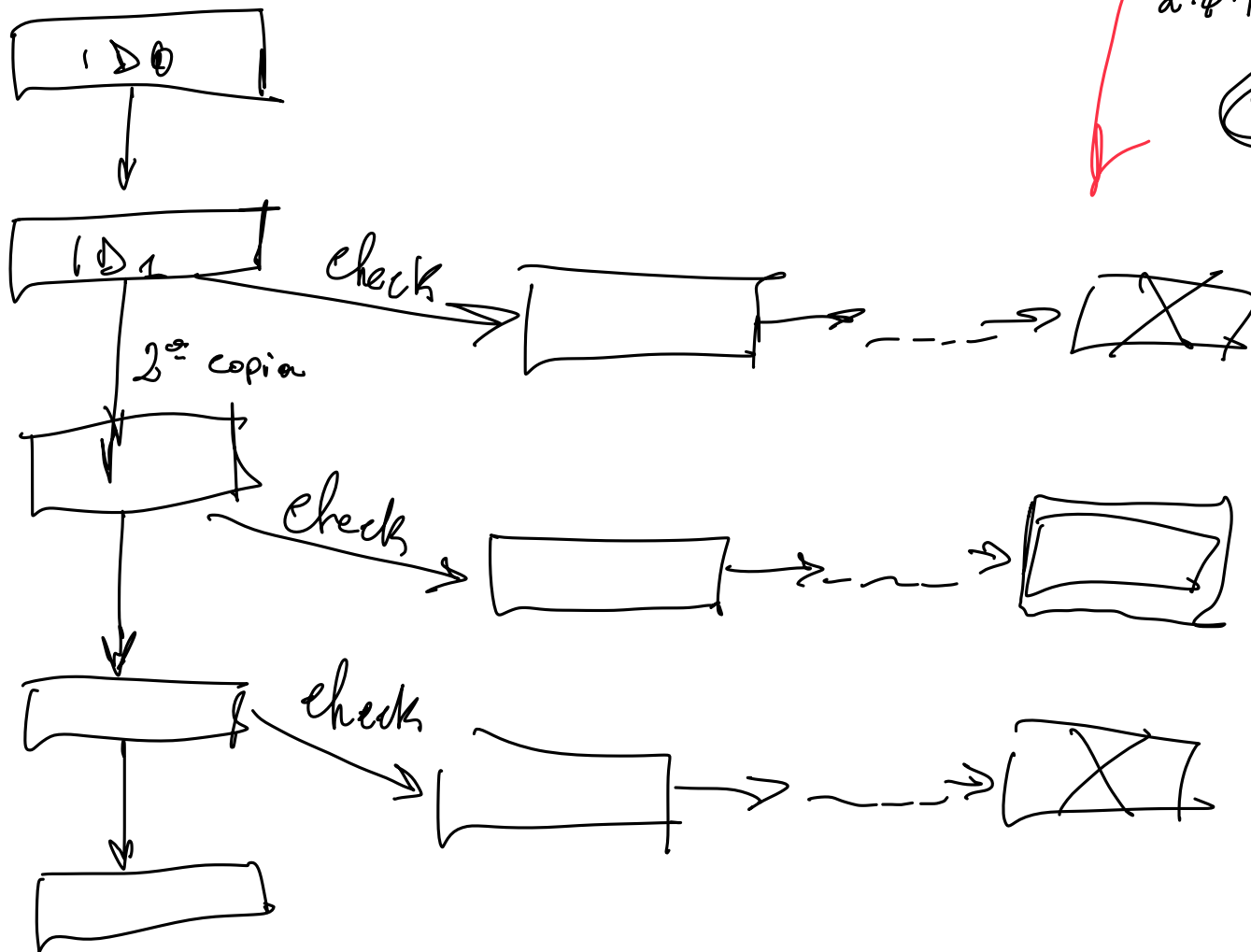
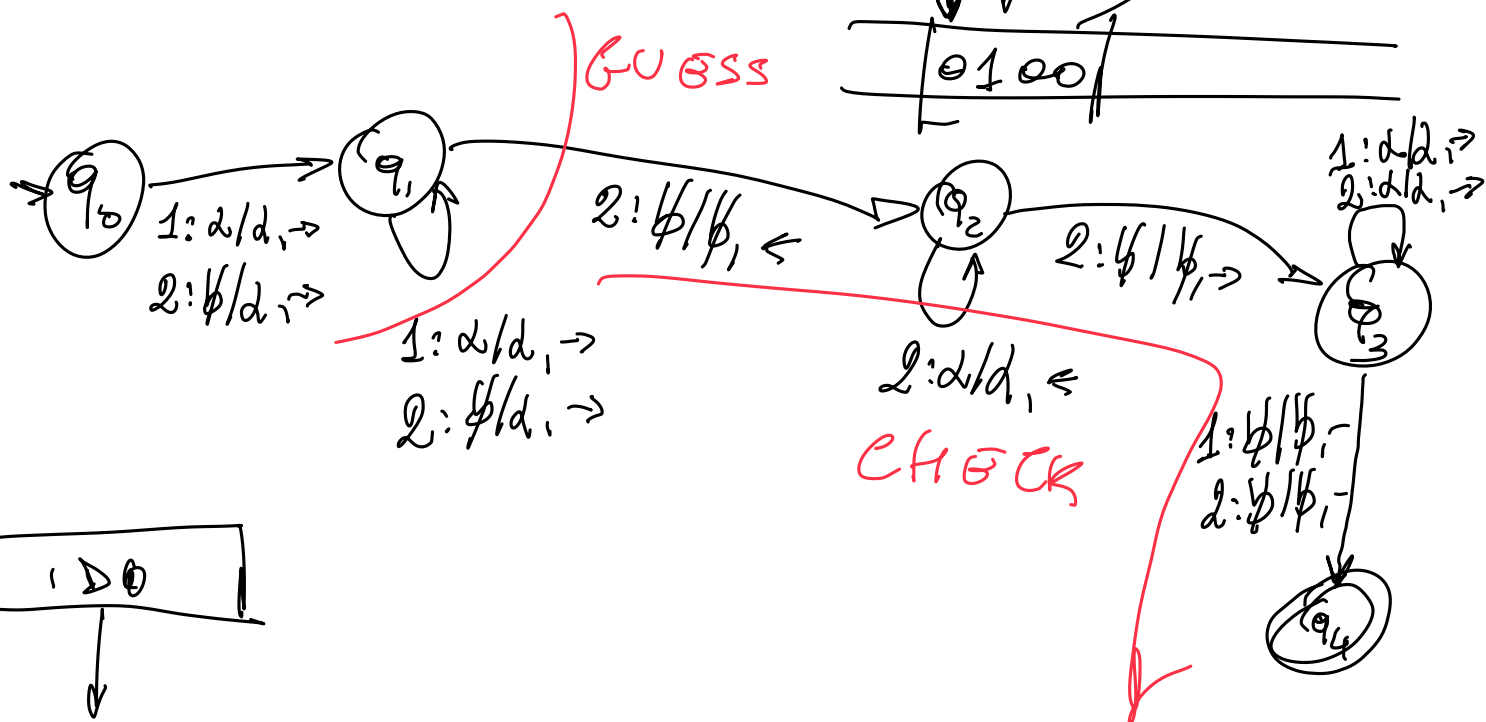
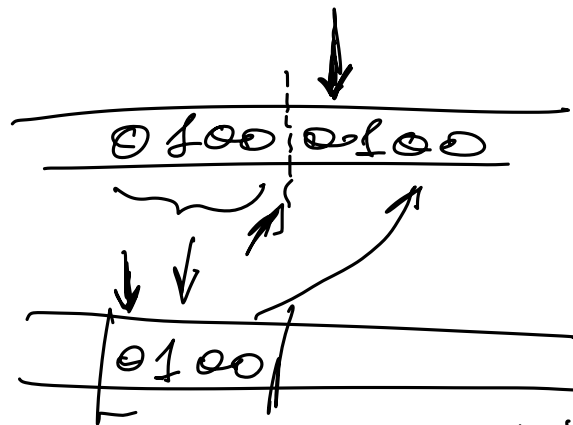
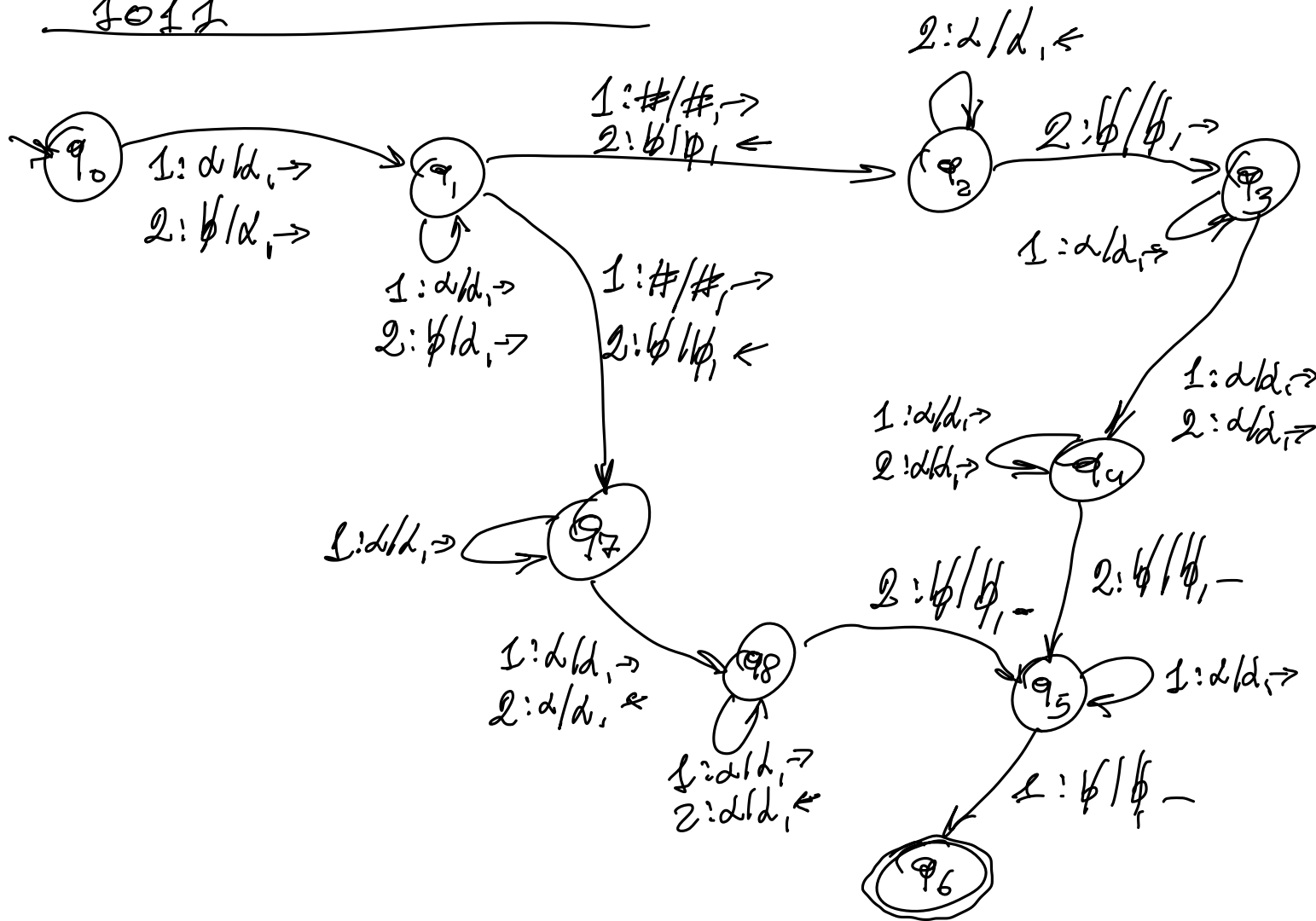
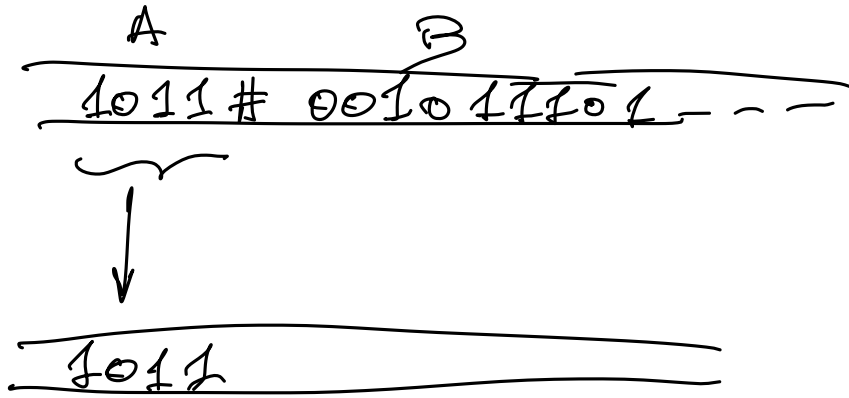


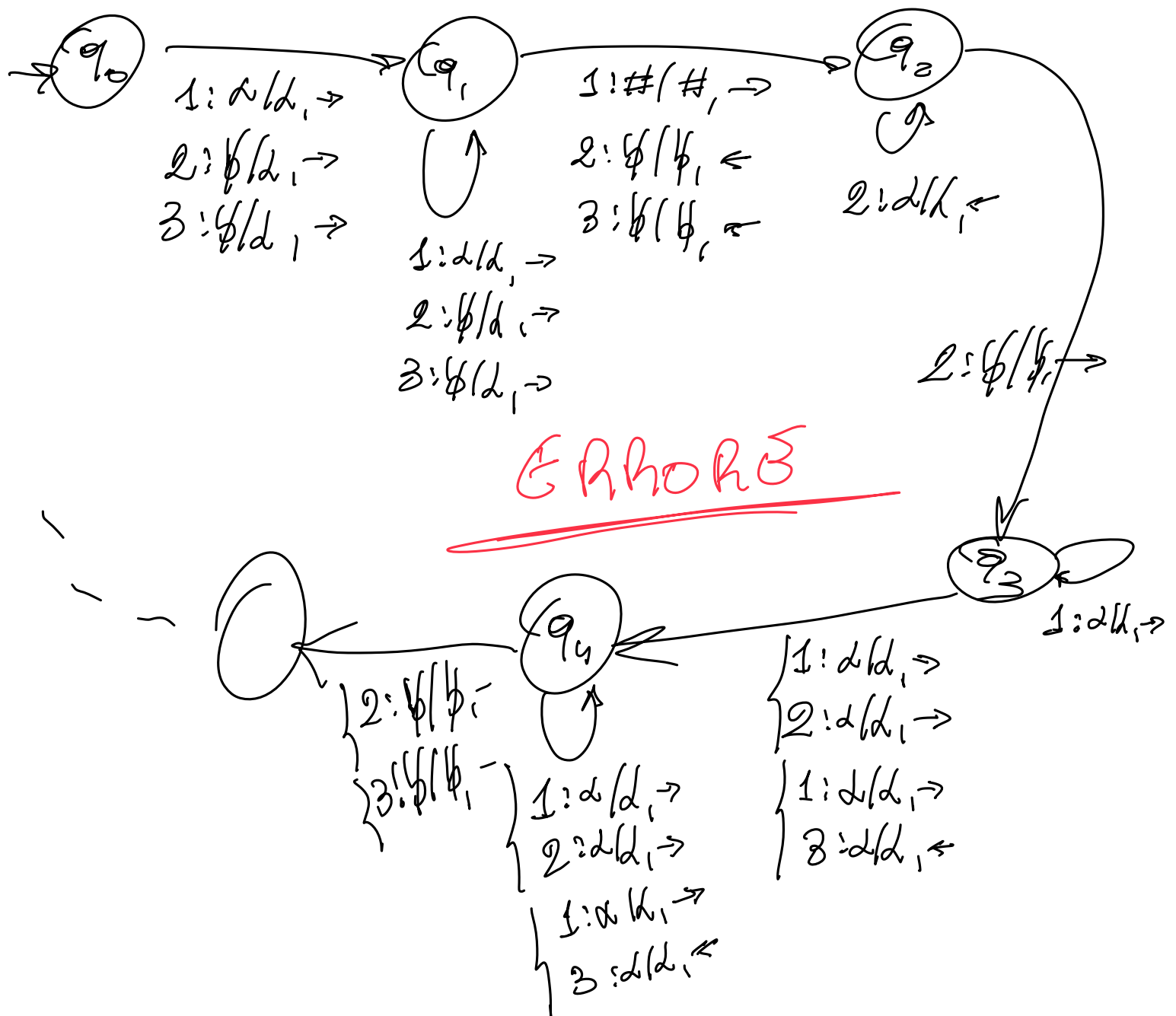
$$L = \{ w w \mid w \in (0(1))^+ \}$$

$$d \in \{0, 1\}$$



$$L = \{ A \# B \mid A, B \in \{0,1\}^+, A \subseteq B \vee A^R \subseteq B \}$$





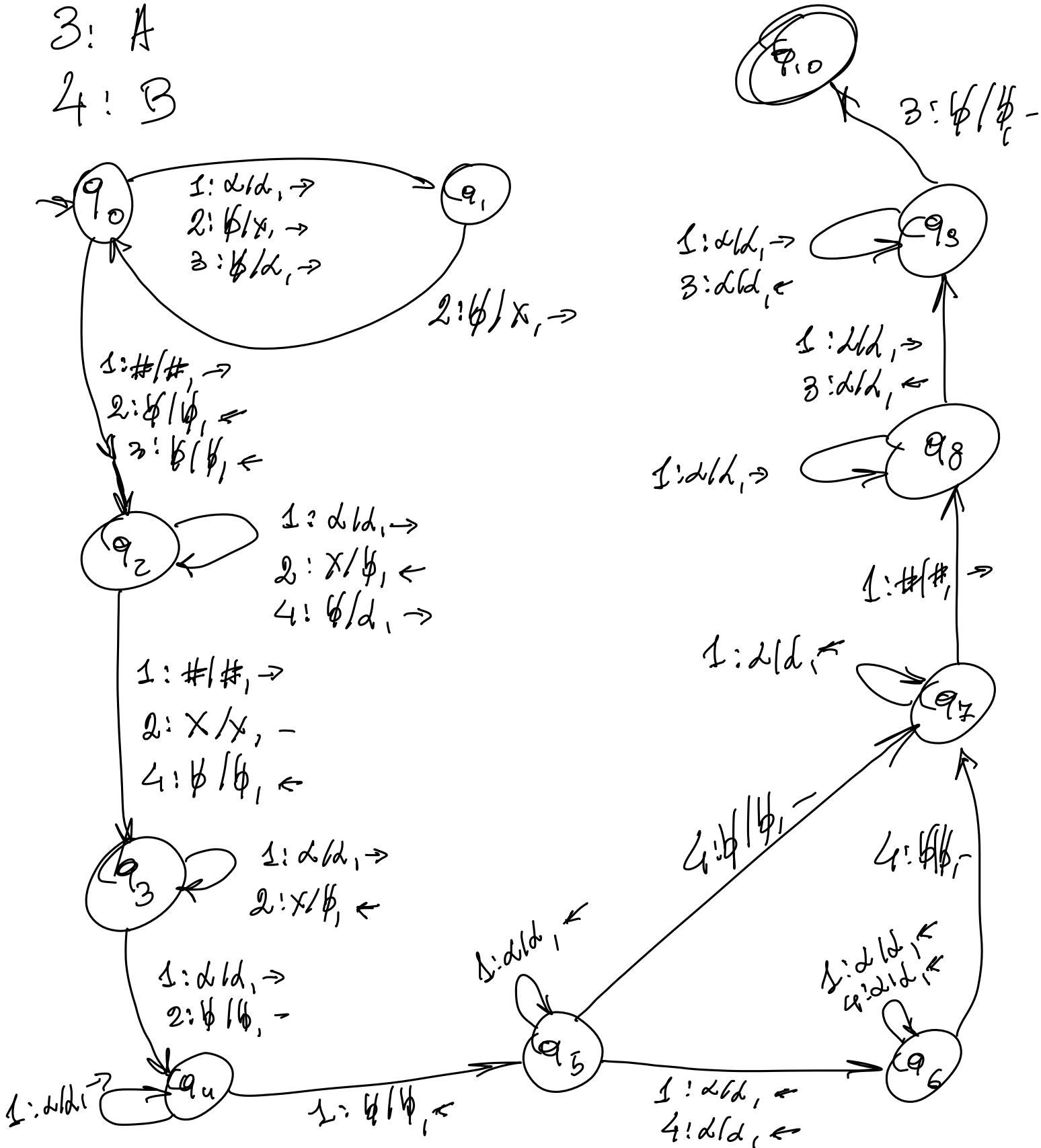
$C = \{ A \# B \# W \mid |W| \geq 2|A| - |B|, |B| < 2|A|$
 $W, A, B \in (\sigma \setminus \{ \epsilon \})^*, A^R \subseteq W \wedge B \subseteq W \}$

1: INPUT

2: $2|A| - |B|$

3: A

4: B



$$L = \left\{ X^n \# W_1 \# \dots \# W_n \mid n \geq 0, W_i \in (a/b/c/d)^+ \right. \\ \left. \forall i, 1 \leq i \leq n, \exists s_i \quad s_i \in W_i, |s_i| = i, s_i = s_i^R \right\}$$