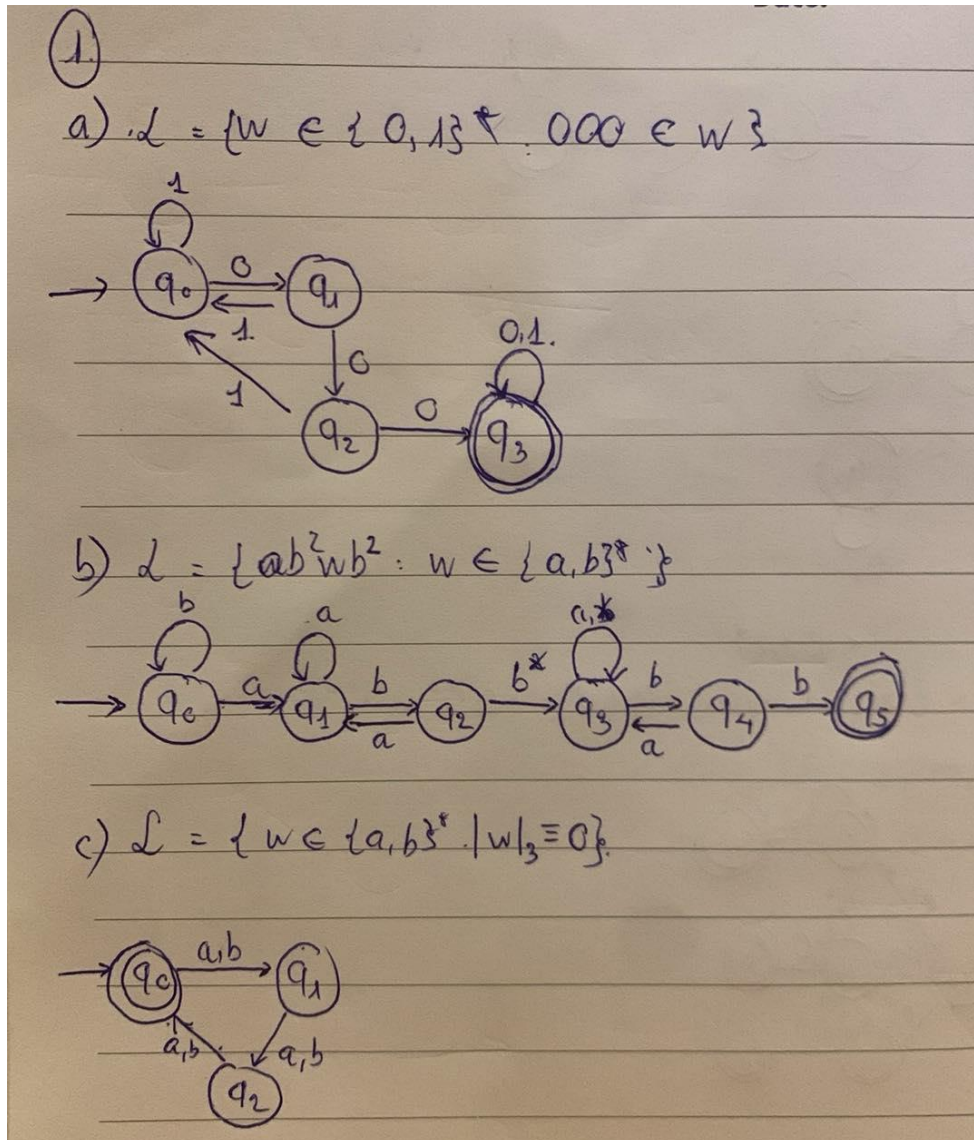


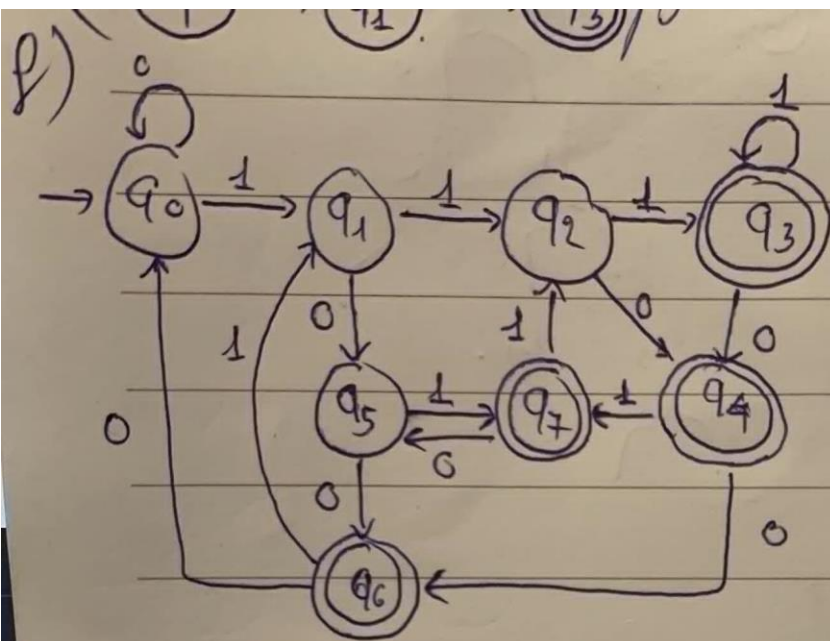
Automata và Ngôn ngữ hình thức – Weekly Exercise 2

Giảng viên hướng dẫn: Phạm Trọng Nghĩa, Lê Ngọc Thành

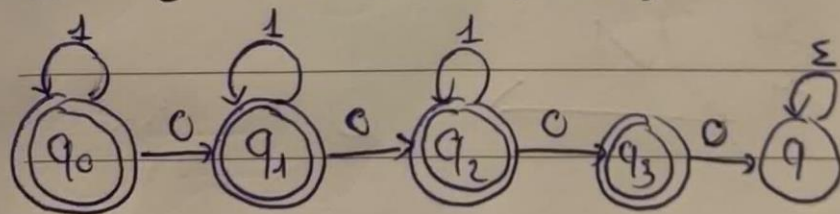
Sinh viên thực hiện: 21127329 – Châu Tấn Kiệt

Bài 1:

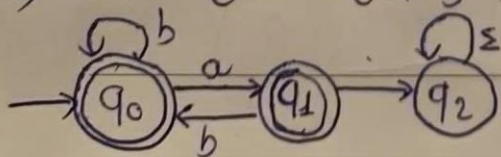




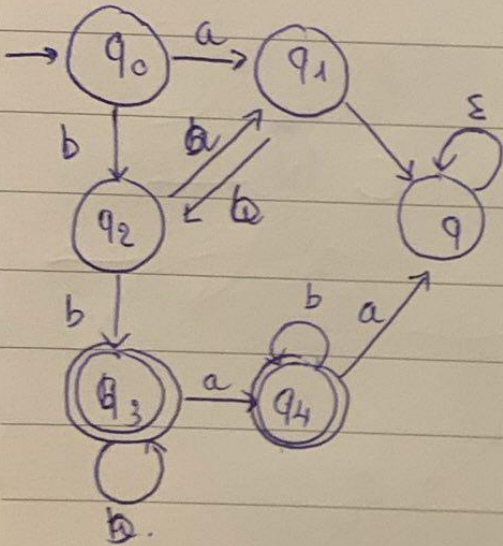
g) $L = \{w \in \{0,1\}^* : |w_0| \leq 3\}$



d) $L = \{w \in \{a,b\}^* \mid aa \notin w\}$



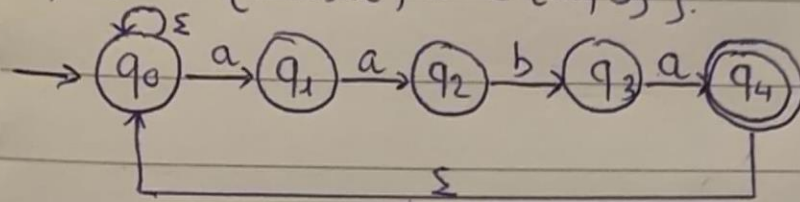
e) $L = \{w \in \{a,b\}^*, aa \notin w \wedge bb \in w\}$.



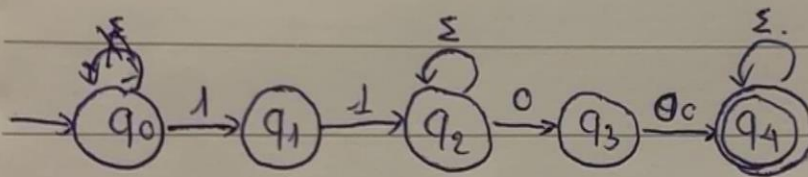
Bài 2:

②

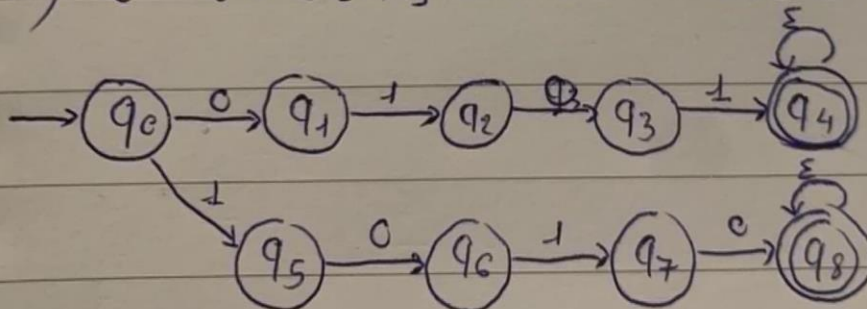
a) $L = \{xaaba; x \in \{a, b\}^*\}$



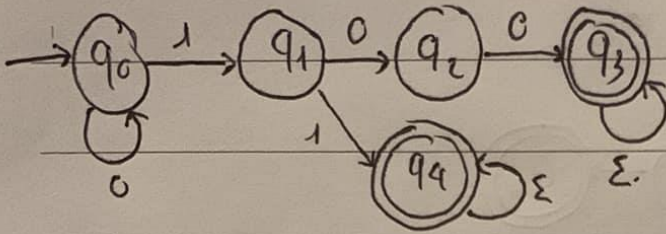
b) $L = \{11000y : x, y \in \{0, 1\}^*\}$



c) $L = \{w \in \{0, 1\}^* : 101 \in w \wedge 010 \in w\}$



e) $\{w : 11 \in w \vee 100 \in w\}$



d) $L = \{w \in \{a, b\}^* : |w| \equiv_2 0 \wedge ab \in w\}$

