

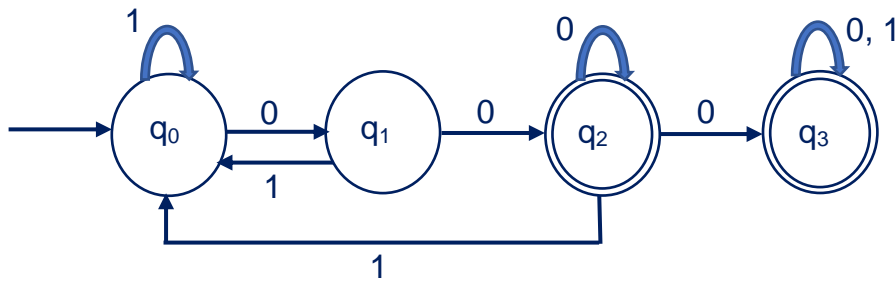
BÀI TẬP TUẦN 03

Sinh viên thực hiện:
1712919_ Lê Văn Vũ

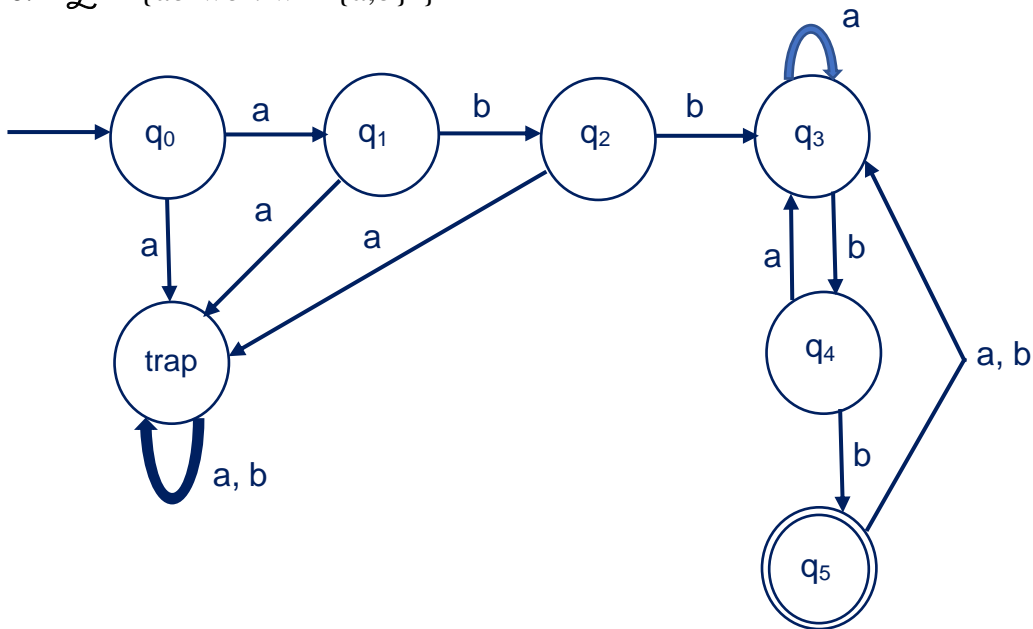
Giáo viên Lý thuyết:
TS. Nguyễn Thanh Phương

B1, trang 97: Xây dựng Ô-tô-mát hữu hạn đơn định chấp nhận các ngôn ngữ:

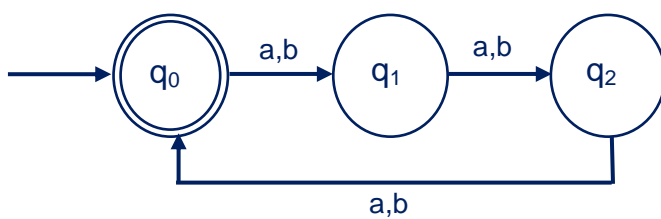
a. $\mathcal{L} = \{w \in \{0,1\}^* : 000 \in w\}$



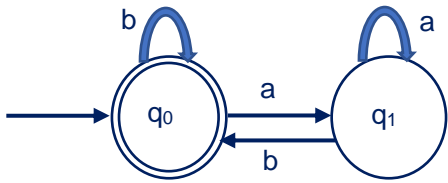
b. $\mathcal{L} = \{ab^2wb^2 : w \in \{a,b\}^*\}$



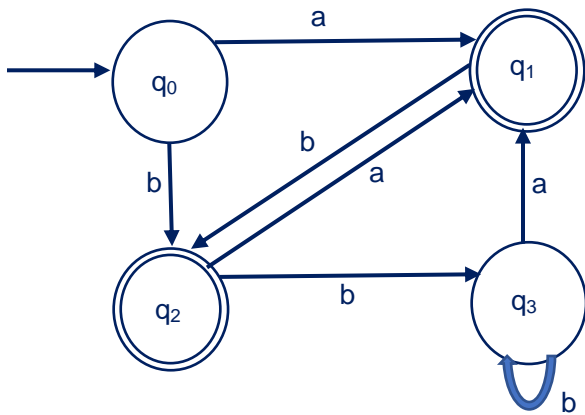
c. $\mathcal{L} = \{w \in \{a,b\}^* : |w| \equiv_3 0\}$



d. $\mathcal{L} = \{w \in \{a,b\}^* : aa \notin w\}$

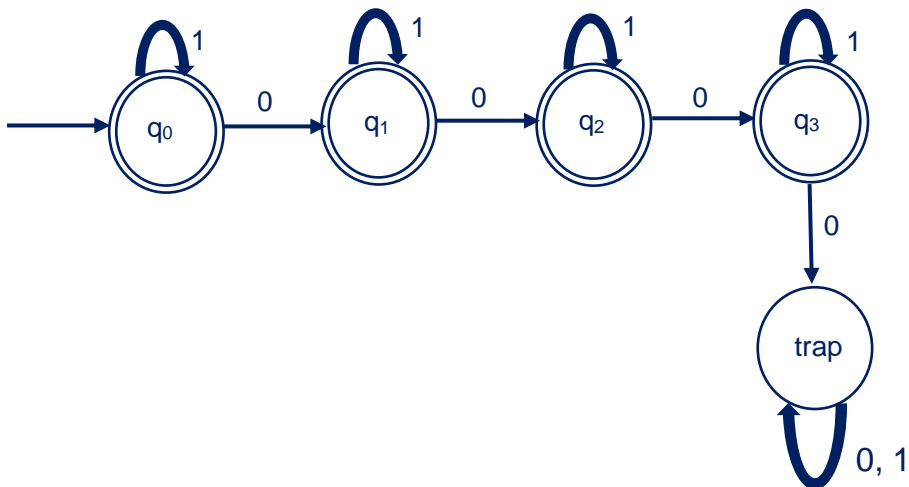


e. $\mathcal{L} = \{w \in \{a,b\}^* : aa \notin w \wedge bb \in w\}$



f.

g. $\mathcal{L} = \{w \in \{0,1\}^* : |w|_0 \leq 3\}$



h. $L = \{w \in \{0,1\}^* : |w|_0 > 3 \wedge |w|_1 = 2\}$

