

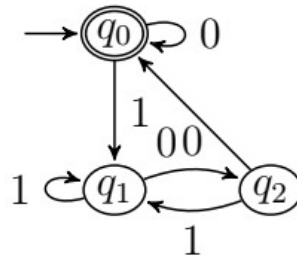
Corrigé type

Exercice 1 (7 points = 3,5 + 3,5)

Solution

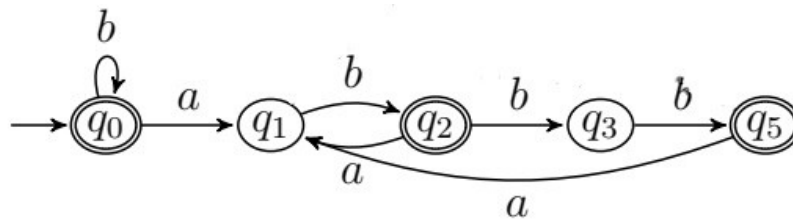
- 1)- $S \rightarrow A0$
 $A \rightarrow B0$
 $B \rightarrow B0 \mid B1 \mid \varepsilon$

2)



Exercice 2 (7 points)

Solution



Exercice 3 (6 points = 3+3)

Solution

- 1- $L(G) = \{a^n b a^m \mid n, m \geq 1\}$

2-

- $S \rightarrow 0S \mid 0B$
 $B \rightarrow 1X$
 $X \rightarrow 0X \mid 0$