

IGL502/752: devoir 2

Foo McBar

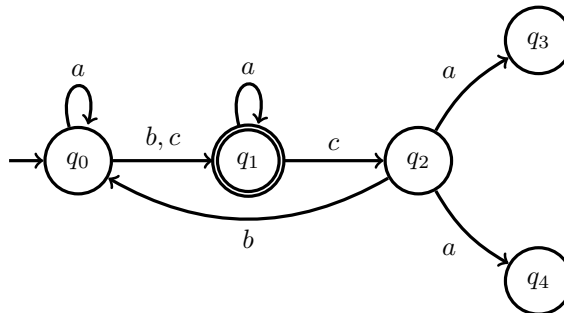
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Question 1

- (a) Mon expression : $s_1 = a(a + b + c + d + \varepsilon)((ab)^*(aabac + d)^*)(a + b)^\omega$. On a $a^\omega \in \mathcal{L}(s_1)$ et $b^\omega \notin \mathcal{L}(s_1)$
- (b) ...
- (c) ...

Question 2

- (a) ...



- (b) ...
- (c) ...

Question 3

...

Question 4

- (a) $(Fp) \rightarrow (Gq)...$

- (b) $\neg FG(\neg p \vee \neg q) \dots$
- (c) $p \cup (p \wedge (q \cup \neg p)) \dots$
- (d) $G(\neg p \cup q) \dots$

Question 5

- (a) ...
- (b) ...