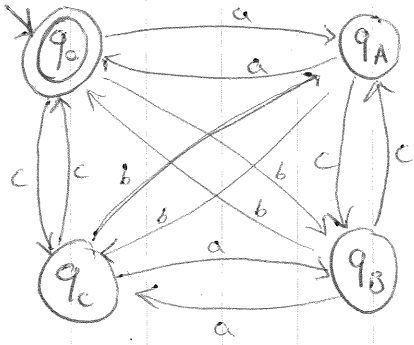


1. a.



b.

$abba \in L(M)$

$baab \in L(M)$

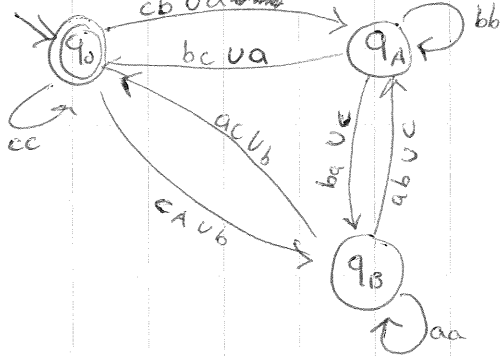
$bac \in L(M)$

$cac \notin L(M)$

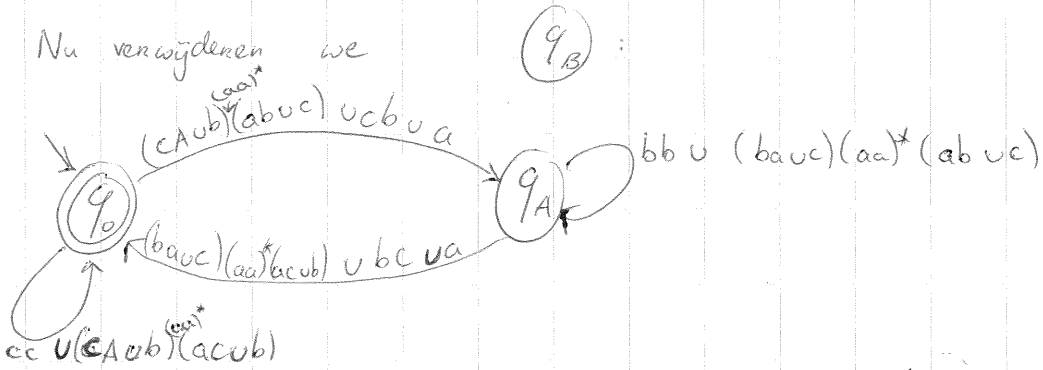
c.

We gaan eerst q_c

verwijderen uit ~~de~~ de diagram:



Nu verwijderen we q_B :



Dus
$$e = (cc \cup ((caub)(aa)^*(acub)ucbua) \cup ((caub)(aa)^*(abuc)ucbua) (bb \cup (bauc)(aa)^*(abuc))^* ((bauc)(aa)^*(acub)ucbua))^*$$