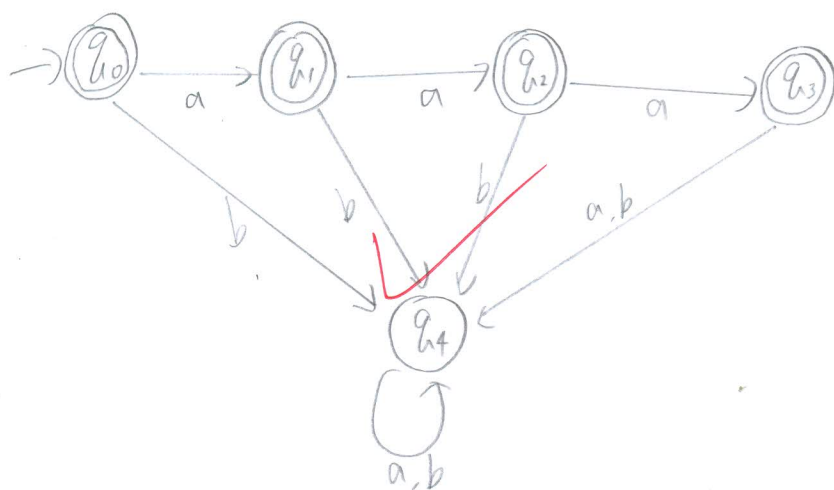


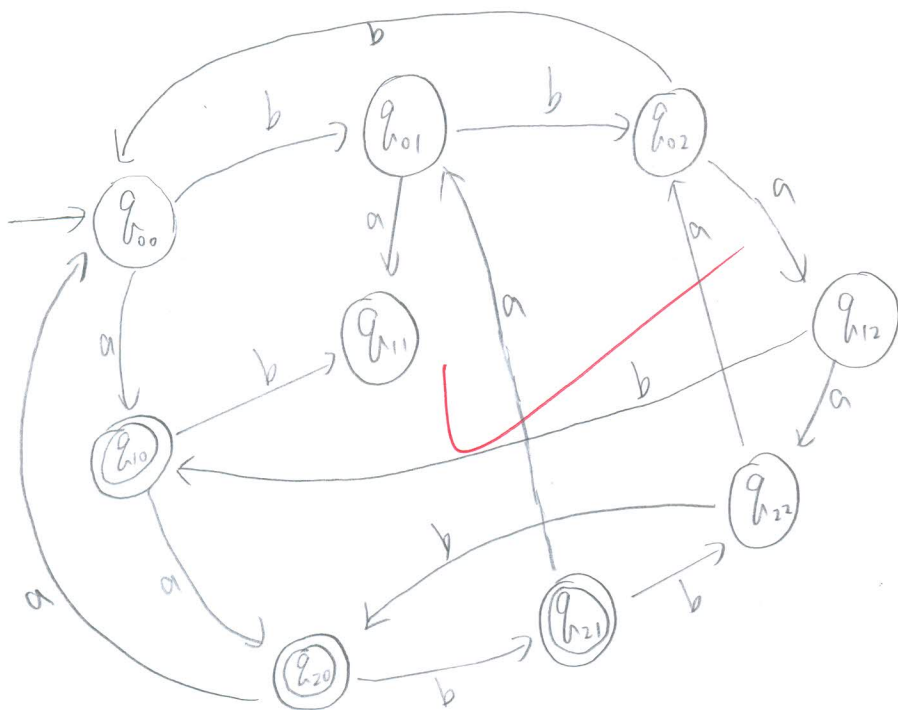
1.49

2. (c)

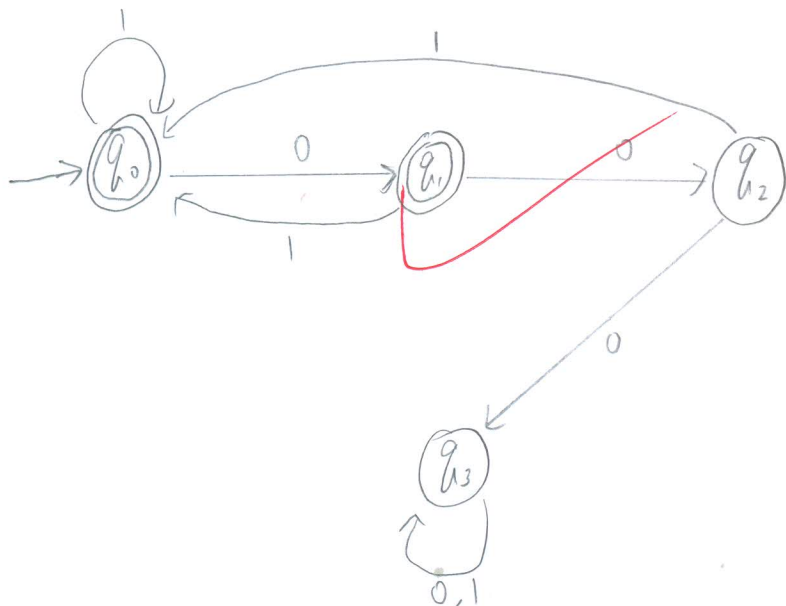


7. (d)

q_{ab} : 表示該 state, $n_a(w)=a$, $n_b(w)=b$.



9. (a)



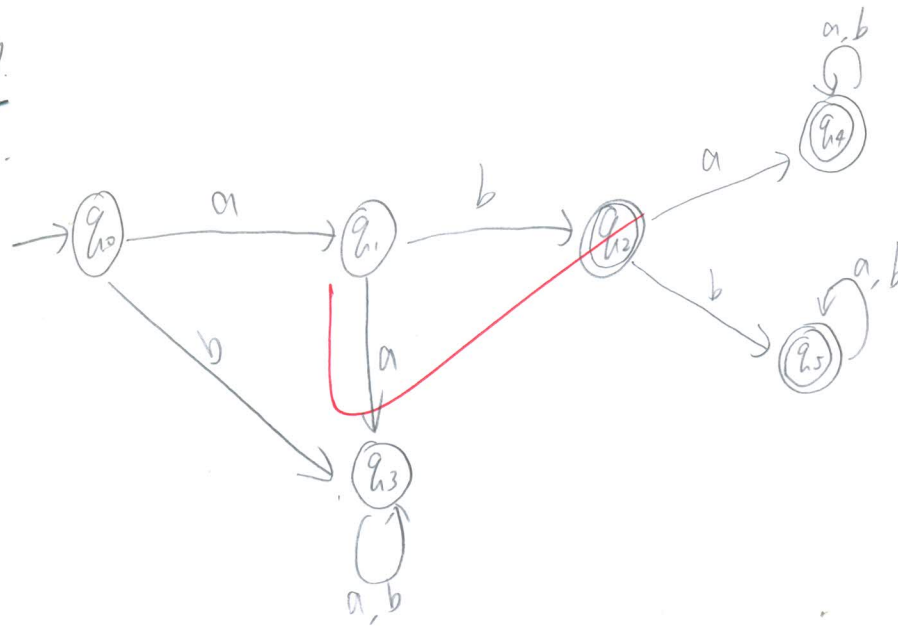
$q_0: \lambda$

$q_1: 0$

$q_2: 00$

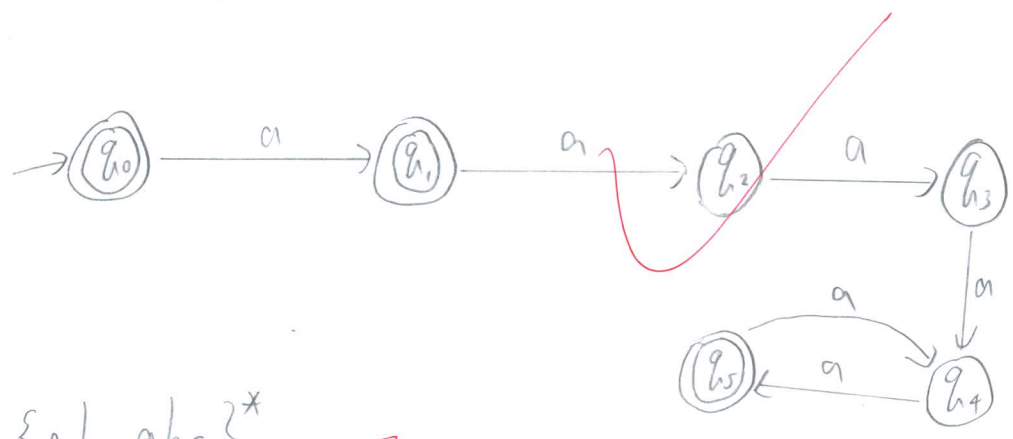
$q_3: \text{trap}$

p. 49.
25.

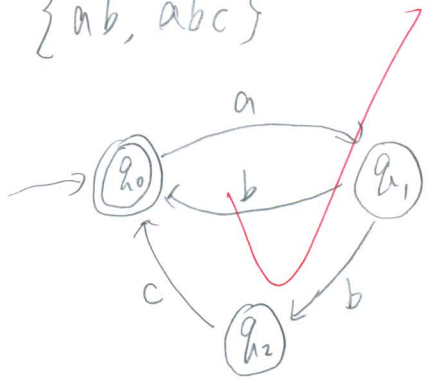


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3.

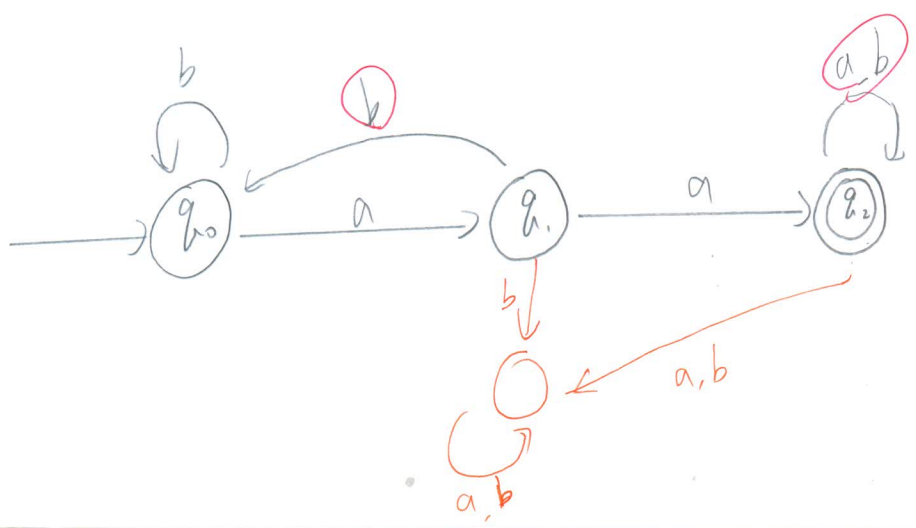
$$aaa + (aa)^+$$



8. $\{ab, abc\}^*$



21.



$q_0: \lambda$
 $q_1: a$
 $q_2: aa$