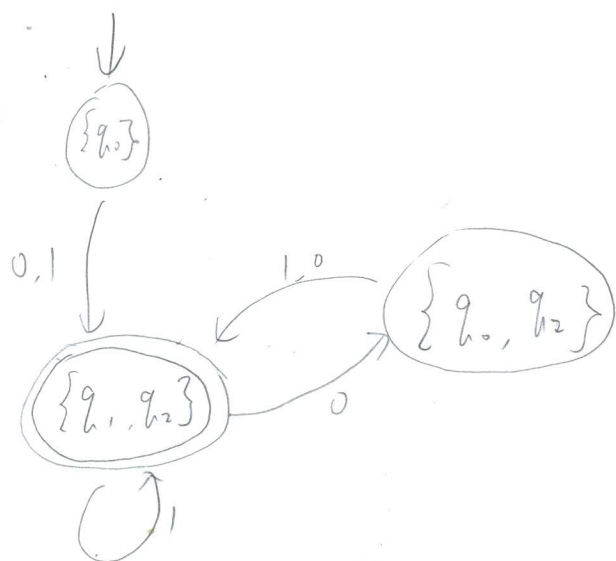


p.62.

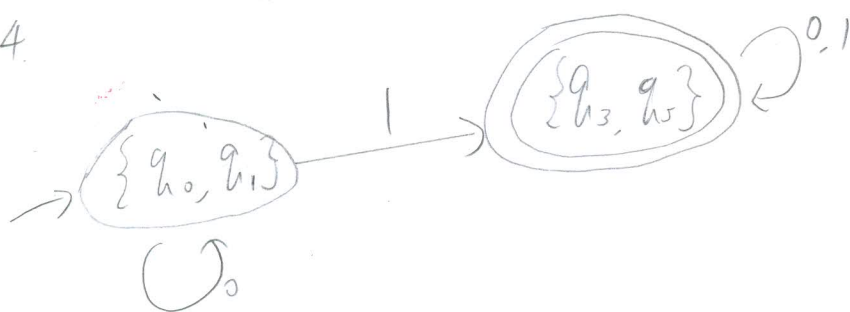
2-3.

2.



p.69.

2-4. 4.



p.75.

3-1. 6.(a)

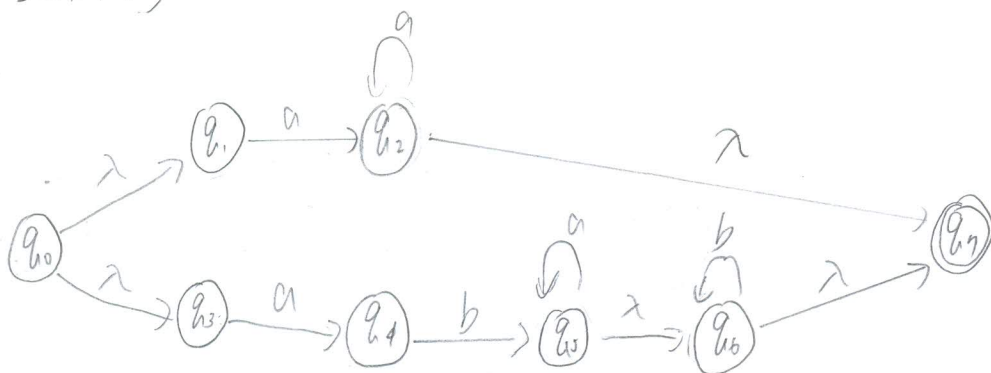
$$r = (aaaa)a^*(bbb+bb+b+\lambda)$$

$$17. (c) \quad r = 1^*(01^*0)^*1^* \quad (1^*01^*01^*)^* + 1^*$$

20. (c) true

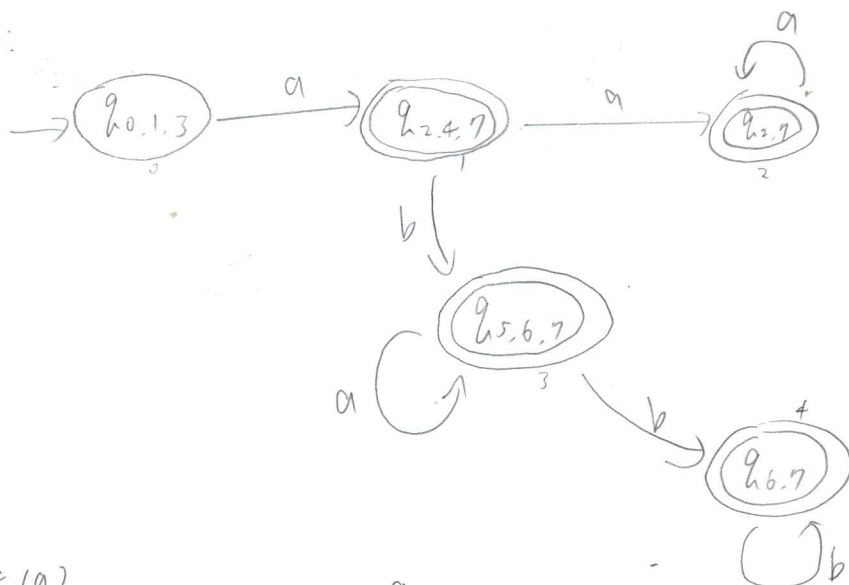
p.87 3-2, 4 (a)

nfa:

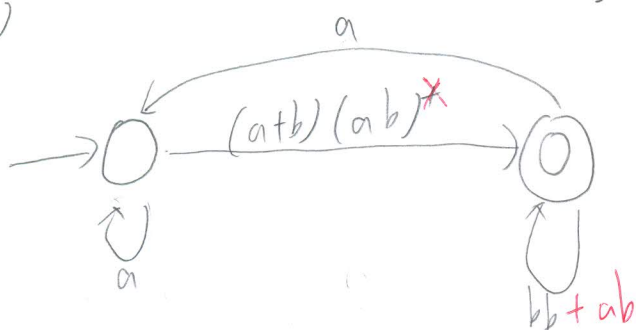


↓

dfa:



3-2. 8 (a)



$$a^*(a+b)(ab)^*(bb+ab+a a^*(a+b)(ab)^*)^*$$

~~(b)~~

$$a^*(a+b)(ab)^+(bb)^*(a a^*(a+b)(ab)^+(bb)^*)^*$$

$$\Rightarrow a^*(a+b)(ab)^+(bb)^*(a^+(a+b)(ab)^+(bb)^*)^*$$

p.97 3-3. 8.