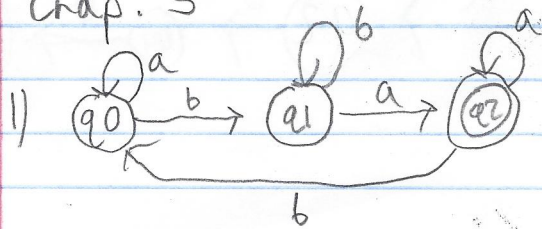


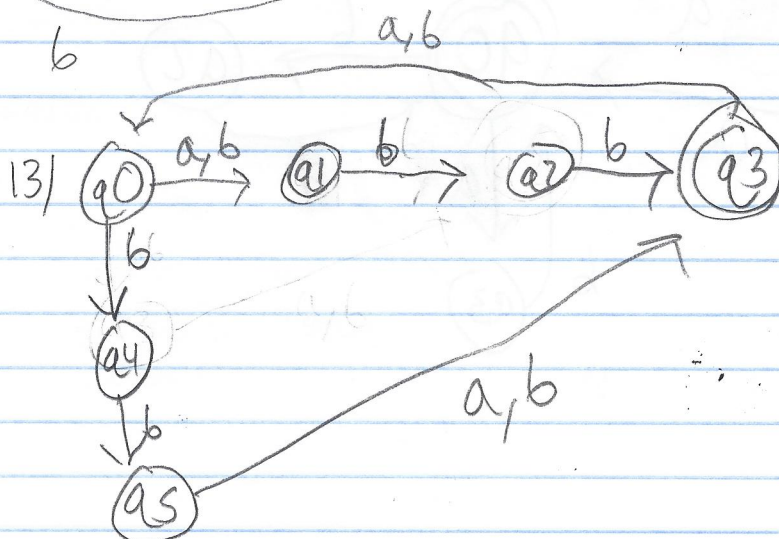
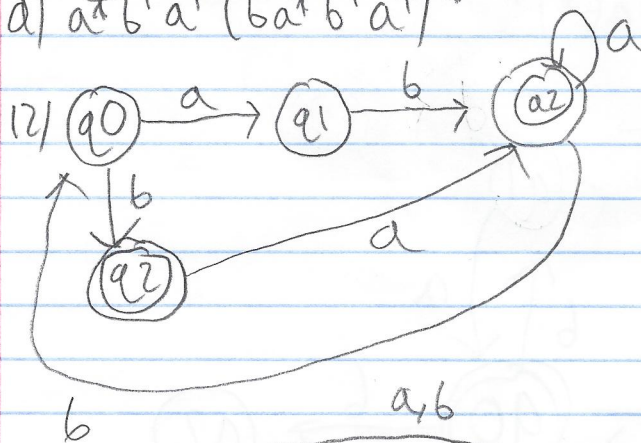
chap: 5

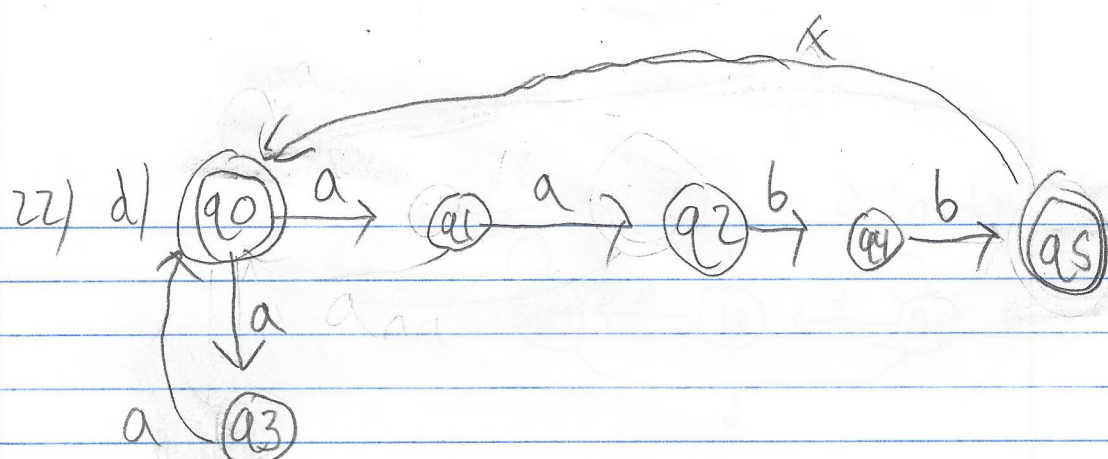


b/	$[q_0, abaa]$	$[q_0, bbbabb]$	$[q_0, bababa]$	$[q_0, bbbbaa]$
	$[q_0, baa]$	$[q_1, bbabb]$	$[q_1, ababa]$	$[q_1, bbaa]$
	$[q_1, aa]$	$[q_1, babb]$	$[q_2, baba]$	$[q_1, baa]$
	$[q_2, a]$	$[q_1, abb]$	$[q_0, aba]$	$[q_1, aa]$
	$[q_2, \lambda]$	$[q_2, bb]$	$[q_0, ba]$	$[q_2, a]$
		$[q_0, b]$	$[q_1, a]$	$[q_2, \lambda]$
		$[q_1, \lambda]$	$[q_2, \lambda]$	

c) abaa, bababa, bbbbaa

d) $a^*b^+a^+(ba^*b^+a^+)^*$





23/

δ	a	b
q0	$\{q0, q13\}$	\emptyset
q1	\emptyset	$\{q1, q23\}$
q2	$\{q0, q13\}$	\emptyset

δ	a	b
q0	$\{q0, aaabb\}$	$\{q0, aabb\}$
q1	$\{q1, bb\}$	$\{q1, b\}$
q2	$\{q2, x\}$	$\{q2, x\}$

c/ Yes

d/ $a^+b^+(ab^+ \cup a^+ab^+)^*$

25) d/

