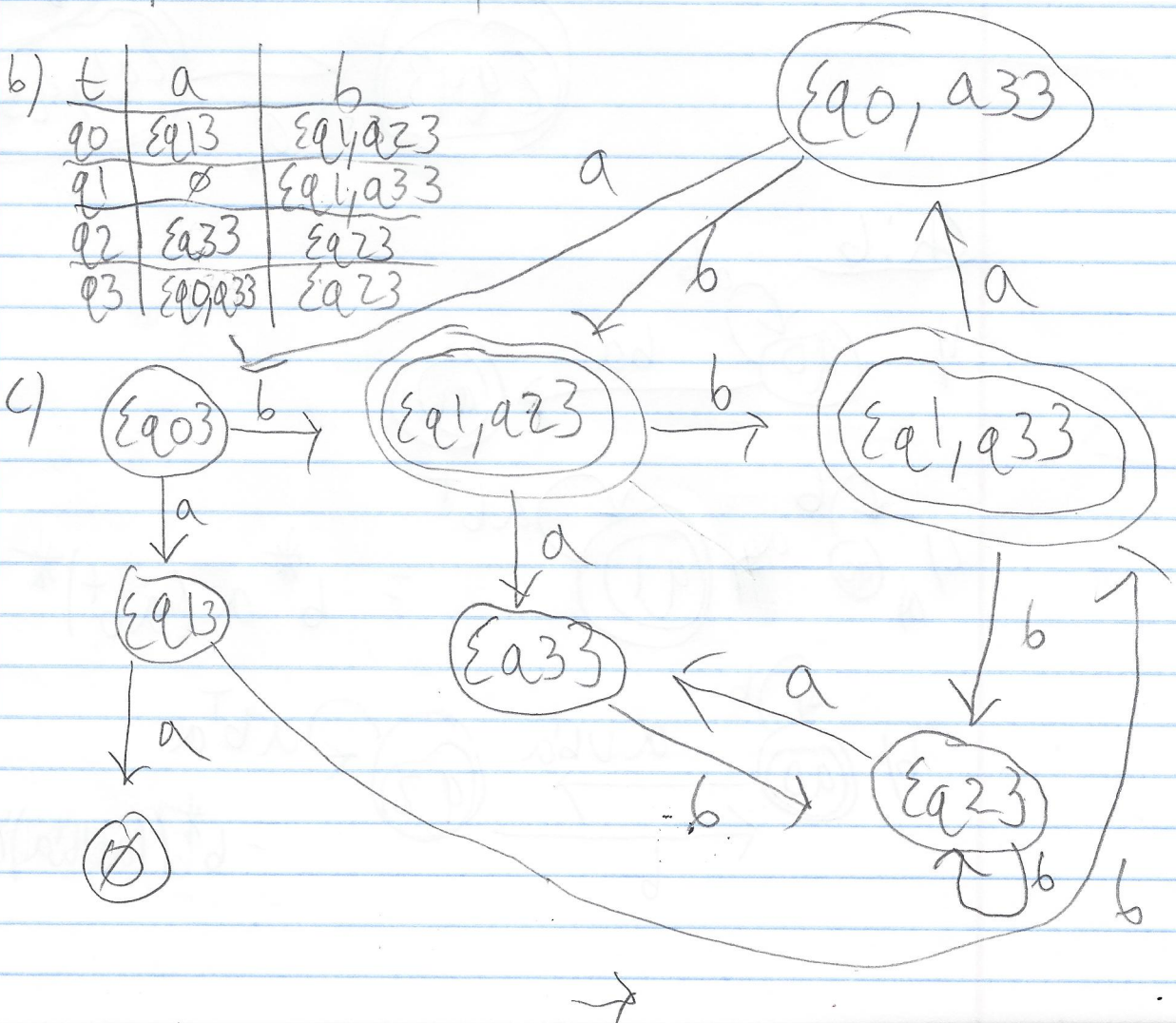


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37)	σ	a	b	λ
	q_0	$\{q_1\}$	$\{q_2\}$	$\{q_1\}$
	q_1	\emptyset	$\{q_1, q_3\}$	\emptyset
	q_2	\emptyset	\emptyset	$\{q_3\}$
	q_3	$\{q_0, q_3\}$	$\{q_2\}$	\emptyset

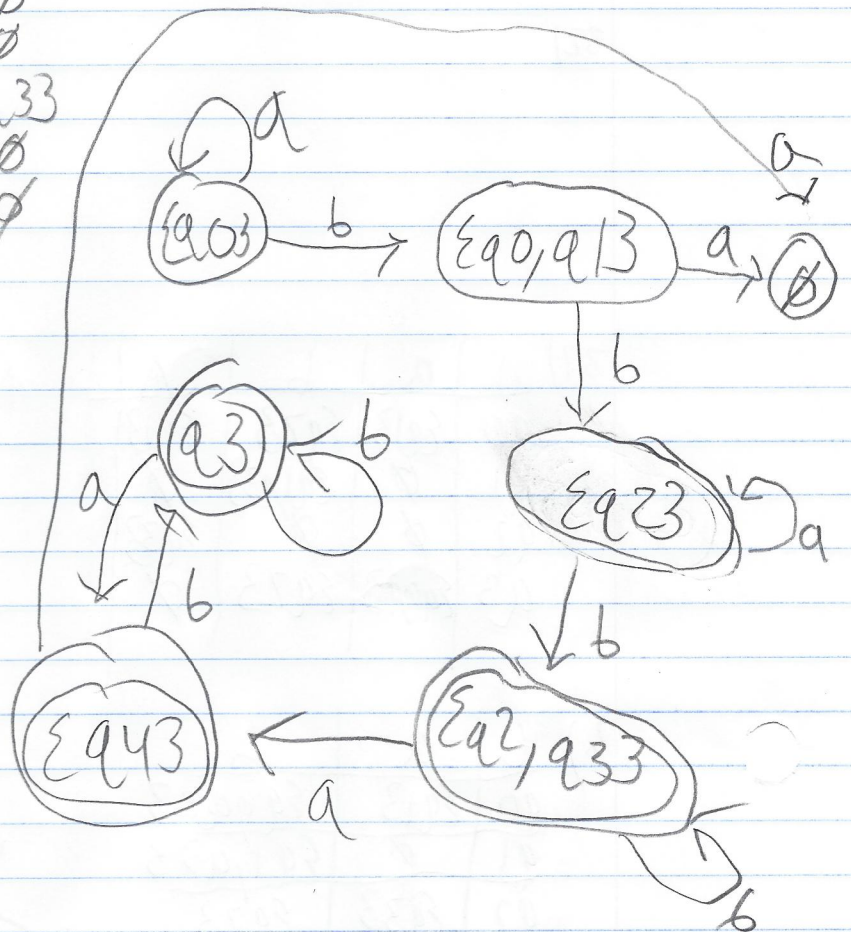
b)	t	a	b
q0	$\epsilon q13$	$\epsilon q1a23$	
q1	\emptyset	$\epsilon q1a33$	
q2	$\epsilon a33$	$\epsilon q23$	
q3	$\epsilon q0q33$	$\epsilon a23$	



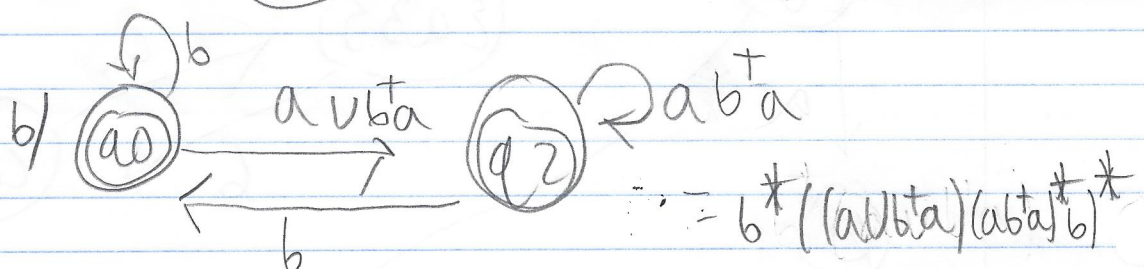
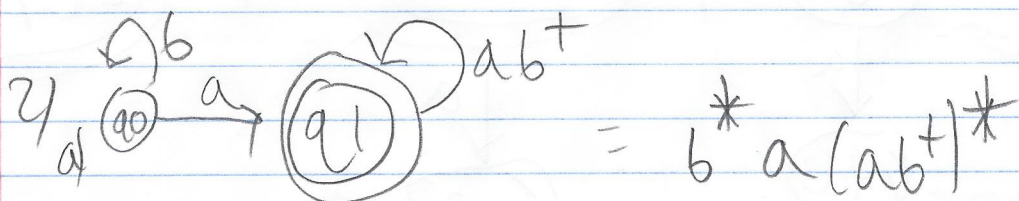
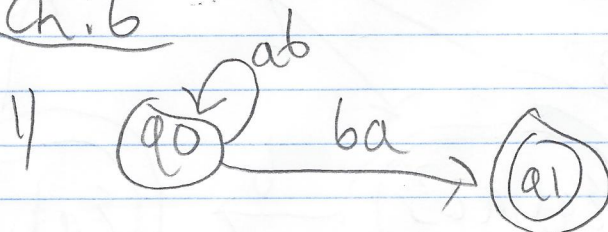
38.)

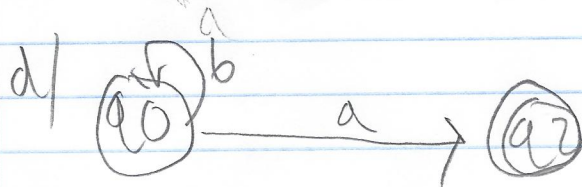
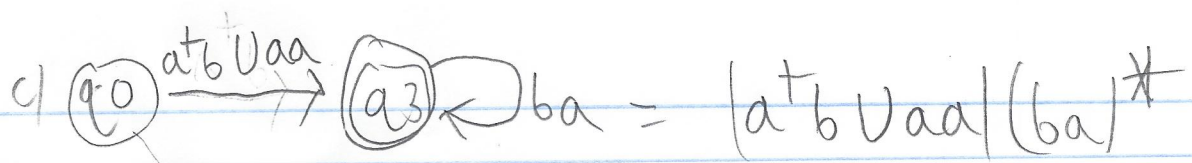
	a	b	X
q0	$\epsilon q03$	$\epsilon q03$	\emptyset
q1	$\epsilon \emptyset 3$	$\epsilon q23$	\emptyset
q2	$\epsilon q23$	$\epsilon q23$	$\epsilon q33$
q3	$\epsilon q43$	$\epsilon q33$	\emptyset
q4	$\epsilon \emptyset 3$	$\epsilon q33$	\emptyset

t	a	b
q0	$\epsilon q03$	$\epsilon q03$
q1	\emptyset	$\epsilon q23$
q2	$\epsilon q23$	$\epsilon q23$
q3	$\epsilon q43$	$\epsilon q33$
q4	\emptyset	$q3$

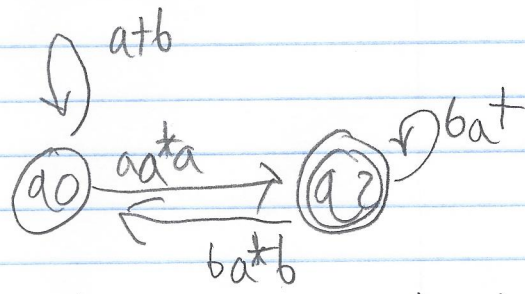


Ch. 6





5/ $S \rightarrow aA \mid \Lambda$
 $A \rightarrow aA \mid aB \mid bS$
 $B \rightarrow bA \mid \Lambda$



$$(a^+b)^*aa^+a(ba^+ \cup ba^+b(a^+b)^*aa^+a)^*$$

7/

7/a/ $L' = (a \cup b \cup c)^*aa$

b/ $L' =$

c/

d/

14/