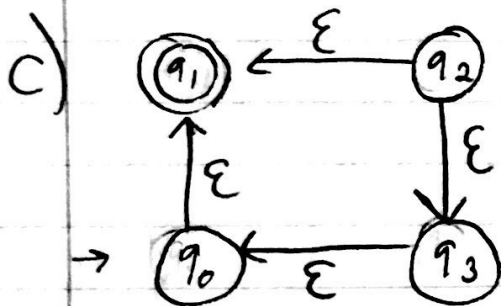
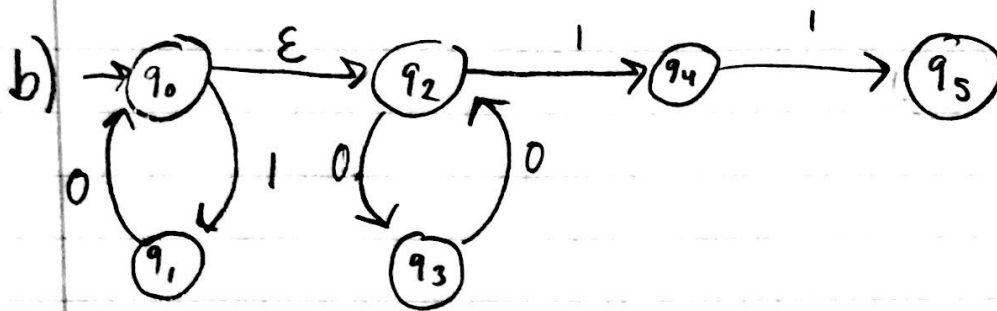
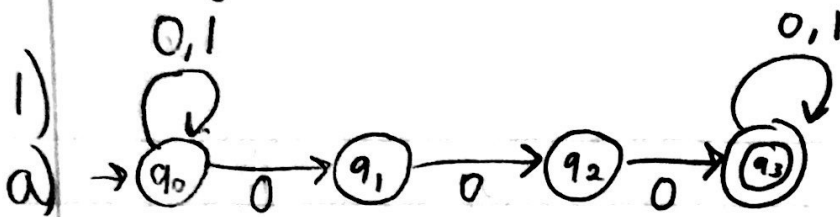


Eric Rudzin and Shreyas Keerthi

I pledge my honor that I have abided by the  
Stevens Honor  
System.



2) a)  $\Sigma \cup (\Sigma^* (aa \cup ab \cup bb))$

b)  $(11 \cup 00 \cup ((01 \cup 10)(11 \cup 00)^*(01 \cup 10)))^*$

3)  $/\# (a \cup b \cup / \cup (\# (a \cup b)))^* \# /$

4) a)  $(a\Sigma^*a) \cup (b\Sigma^*b) \cup a \cup b$

b)  $((a \cup b \cup c)^* \cup (a \cup b \cup d)^* \cup (a \cup c \cup d)^* \cup (b \cup c \cup d)^*)$

