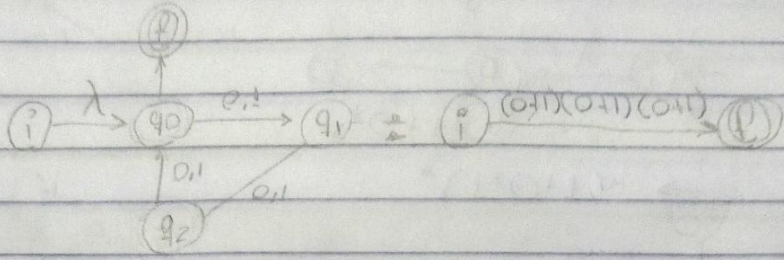


Lista 07  
 Nome: Gustavo de Assis Xavier

1.a)

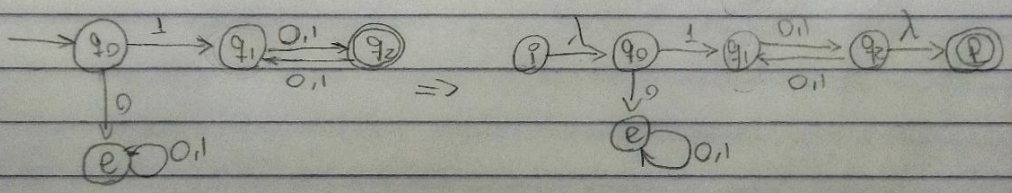
AFD:



ER =  $(0+1)(0+1)(0+1)$

b) X

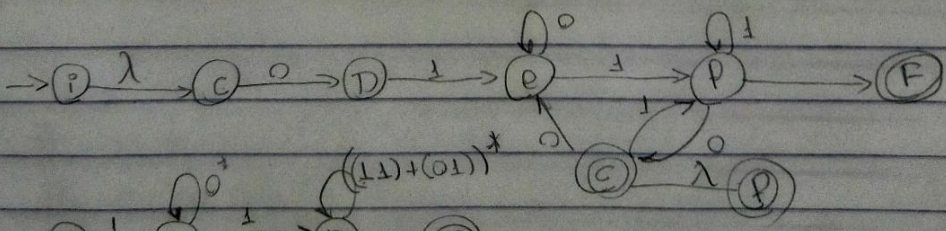
c) AFD:



$\Rightarrow q_0 \xrightarrow{1} q_1 \xrightarrow{0,1} q_2 \xrightarrow{\lambda} P \Rightarrow ER = 1(0+1)((0+1)(0+1))^*$

d) X

2.a)



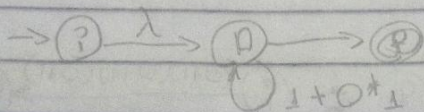
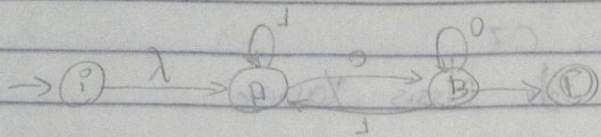
$\Rightarrow q_0 \xrightarrow{\lambda} q_1 \xrightarrow{0} q_2 \xrightarrow{1} q_3 \xrightarrow{0} q_4 \xrightarrow{1} F$   
 $\Rightarrow q_0 \xrightarrow{\lambda} q_1 \xrightarrow{0} q_2 \xrightarrow{1} q_3 \xrightarrow{0} q_4 \xrightarrow{1} F$   
 $\Rightarrow q_0 \xrightarrow{\lambda} q_1 \xrightarrow{0} q_2 \xrightarrow{1} q_3 \xrightarrow{0} q_4 \xrightarrow{1} F$

ER:  $01((11+0^*1))^*$



b) X

c)



$$\rightarrow (1+0^*1)^*$$

3) feita na questão