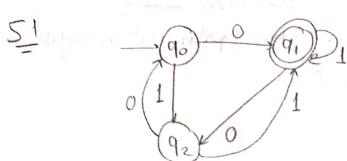
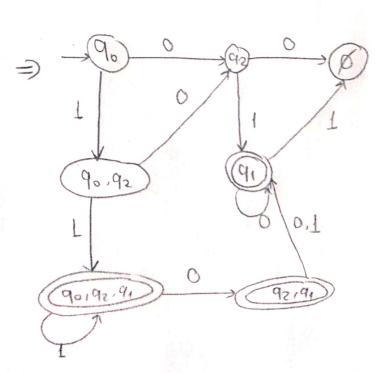
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Automatan= $\{Q, \geq, S, q_0, F\}$   $A = \{([q_0, q_1, q_2]; \{0,1\}, S, q_0, \{q_i\}\}\}$ 

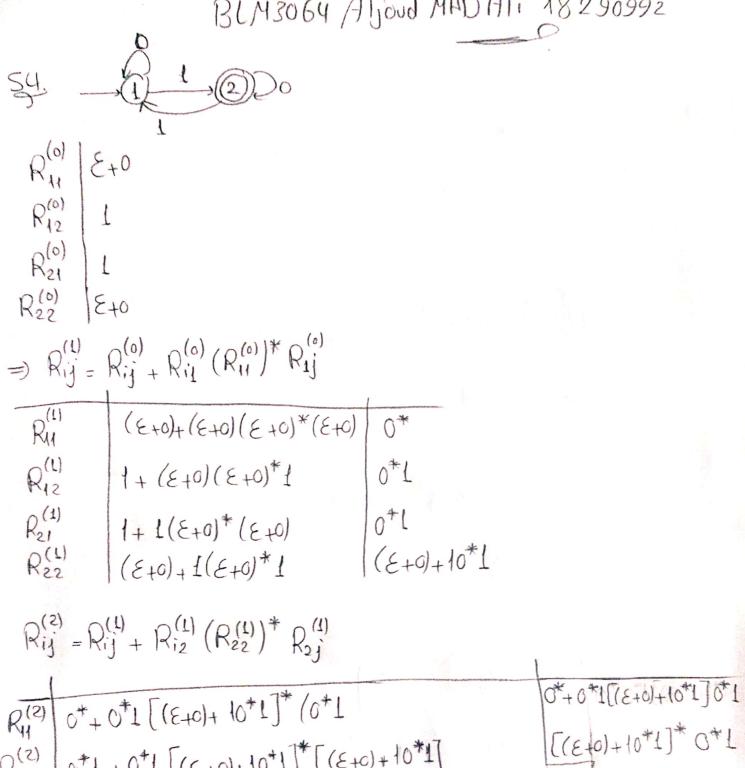
 $S(q_0, 0) = q_1$   $S(q_1, 1) = q_1$   $S(q_2, 0) = q_0$  $S(q_0, 1) = q_2$   $S(q_1, 0) = q_2$   $S(q_2, 1) = q_1$ 

 $S'(q_0, 1001) = (q_2 q_0 q_1 q_1) \Rightarrow S'(q_0, 1001) = \{q_1\} \text{ Kabul.}$  $S'(q_0, 1001) \Rightarrow S'(q_2, 001) \rightarrow S(q_0, 01) \Rightarrow S(q_1, 1) \Rightarrow Q_1 - \text{find durum.}$ 



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$$\Rightarrow$$
 DFA'min dili =  $R_{12}^{(2)} = [(\xi+0)+10^{*}1]^{*}0^{*}1$ 

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(0\*+1+)+

10\*

0)

Exercise 50 Exercise 50 DE SOE 50

$$\longrightarrow A \xrightarrow{(0+1)} \bigcirc 0,1$$

Sonra Dy: eliyoruz

$$\longrightarrow A \longrightarrow (0+1)(1)$$

NFA'nın dili: 
$$(0+1)^* [1(0+1)] [(0+1)(1)]^*$$
  
 $\Rightarrow (0+1)^* [1(0+1)]^+$