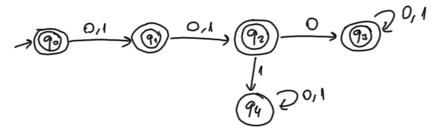
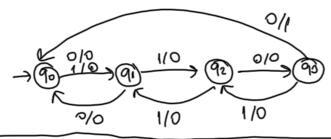
ion L= [w | w ∈ [0,1]\* ve w iiainai karaktvinde "1" igernendetedir. I diline ait stringler tanigen bir DFA tasarlayiniz.

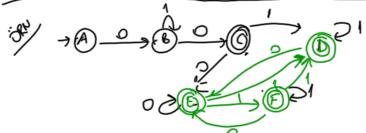
I= (7,0,1,00,01,10,11,000,010,100,10,0001,...)



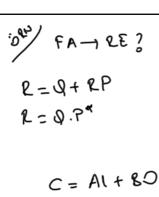
ove 1 len giris olarak kabul eden bir Mealy makinesi, iki ve ikinin katı sirasinda okuran "100" all stringini saeren tim stringler sain I giktus bretneletedir. Makineys dasarlayinin -

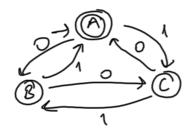
Brade Crimis: 0 100 11 100 100 10 Giles: 0001000000100





$$\frac{S(F,N)=C}{S(E,N)=F}$$





$$A = 2 + 31 + 0$$

$$B = A0 + 01$$

$$C = A1 + 30$$

$$C = A1 + (A0 + (1)0)$$
 $C = A1 + A00 + C10$ 
 $R$ 
 $P$ 
 $C = (A1 + A00) (10)*$ 

$$B = AO + CI$$

$$B = AO + (AI + AOO)(10)^{4}$$

$$A = A + BI + CO$$

$$A = A + (AO + AI(10)^{4}(+AOO(10)^{4})) + AOO(10)^{4}$$

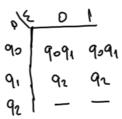
$$(AI(10)^{4} + AOO(10)^{4}) + AOO(10)^{4}$$

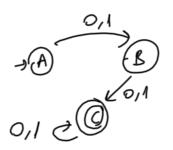
A = 7 + AO(+ A1(10)\*11 + A00(10)\*11 + A1(10)\*0+ A00(10)\*0

$$A = 2 + A [01 + 1(10)^{4}11 + 00(10)^{4}11 + 1(10)^{4}0 + 00(10)^{4}0]$$

$$RE(A) = P^{*}$$

(0+1) (0+1) (0+1) HFA ciriniz. DFA you disnistarionis.





1= \( \times \times \text{yyk} \) \( \times \text{yyk}