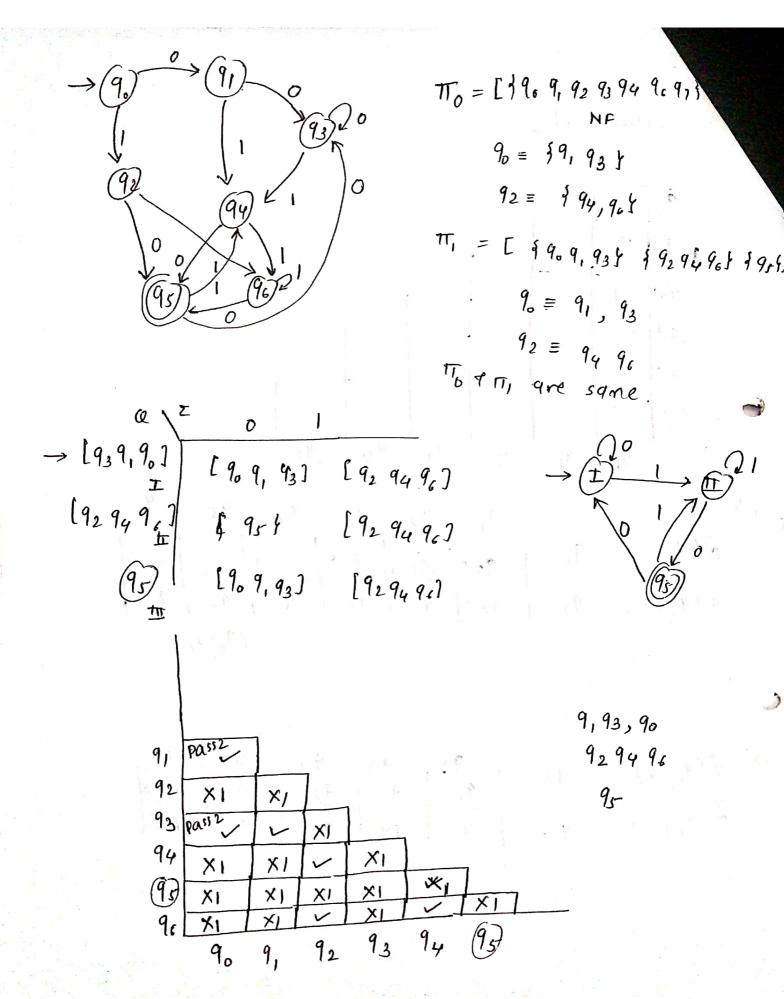


Q=119, 9, 939 1 92 94 964 1953 9

世

DFA Q = of [909,93] [929496] [95]5

Scanned by CamScanner

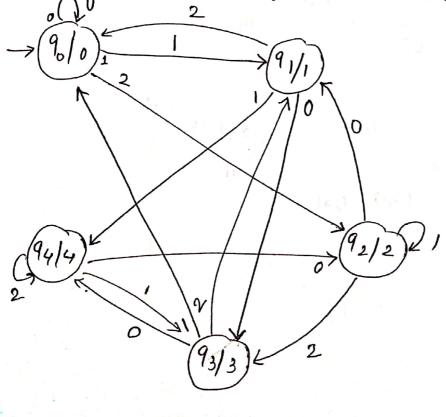


moore machine - 1st complement of given binary no. $M = (Q, \Sigma, \Delta, \delta, \lambda, 90)$ 90= \$90\$

A = 40,14 2=40,14 0/P (X) 0 92

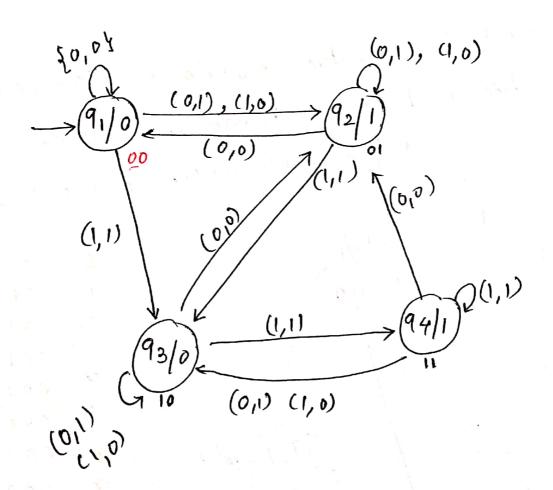
E = {0,1,2} residue modulo 5 [ternary no.] residue mod 05 = remainder 5 tester

n % 5 remainder 0,1,2,3,4



9 moore machine – adds binary numbers.

$$0+0 = 0 \quad 0 \longrightarrow 91$$
 $0+1 = 0 \quad 1 \longrightarrow 92$
 $1+0 = 0 \quad 1 \longrightarrow 93$



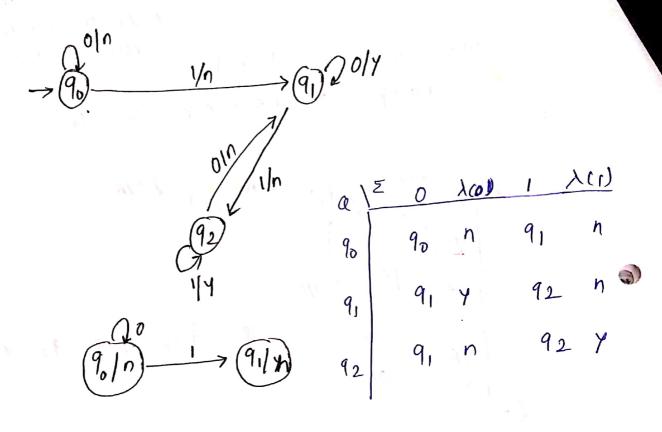
is sollooololl ccaebcaaces

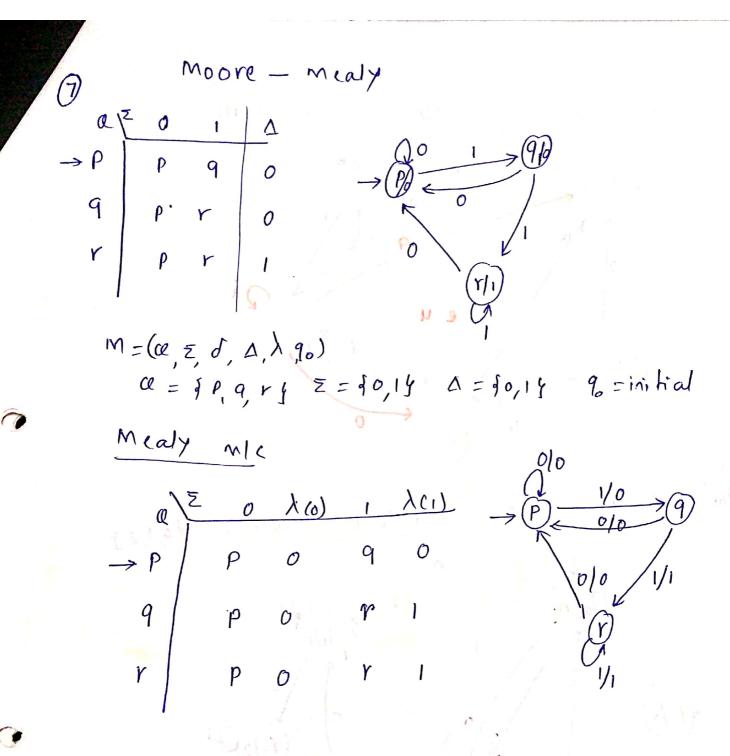
Mealy
$$\Xi = \{0,1\}$$
 ends $00 - A$ ends $11 \rightarrow B$ ends $11 \rightarrow B$ else $\rightarrow C$

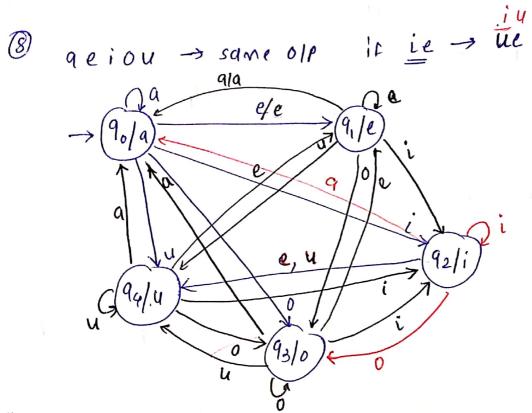
$$\Xi = \{0,1\} \quad \Delta = \{A,B,C\} \quad 9_0 = 9_0$$

δ.

IJς Q = 890 9, 92 93 945 ole 1/3 OPP 018 a\2 9, 90 9, 92 92 93 C 93 94 94 B

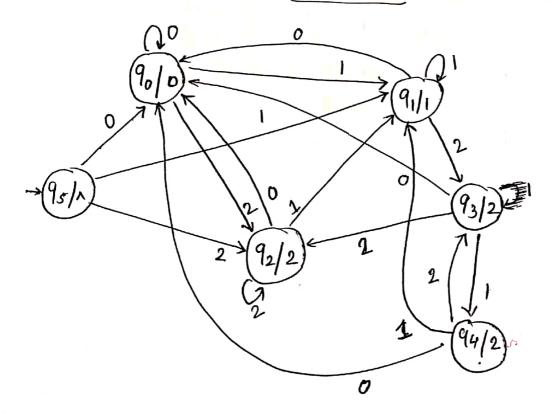






q/10)

moore m/c - 121 to 122 over \(\S = \forall 0, 1, 2\forall \)



012121221202101202121

