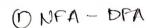
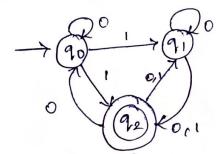
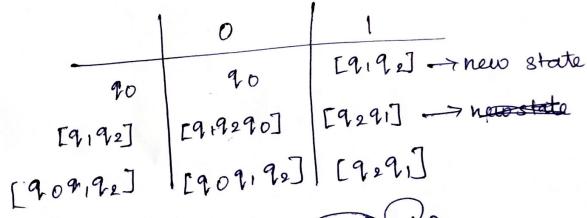
Toc

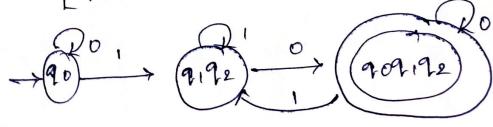




1 NFA transition table

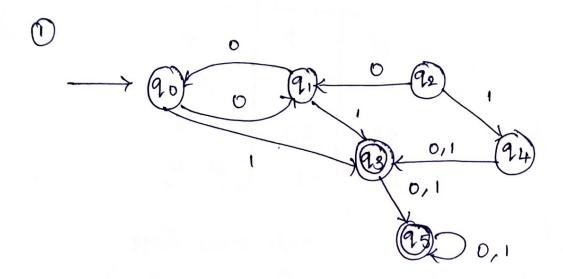
1 DFA transition table



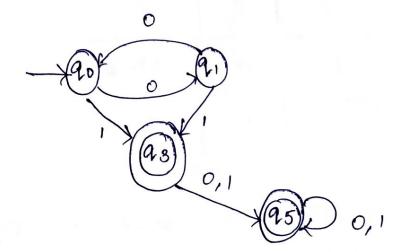


COMPUTER CENTRE

Whimpzation of DFA.



i) Remove unleachable states (92 and 94)

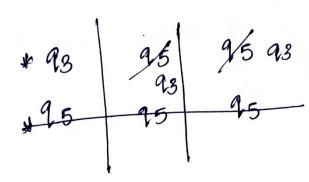




Wg. L	0	1
→ 90	9,	93
9,	90	913
<b>*</b> 93	9,5	95
<b>4</b> 95	95	25

JI have no semilar nows, T2 has.

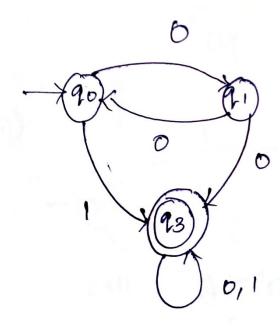
so remove ex replace with previous state

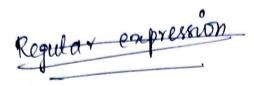


8 Reduced transition table

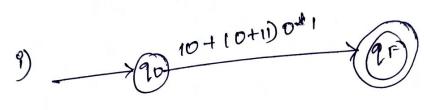
,	0	
-> 10	91	93
æ 91 ·	90	93
× 93	93	93

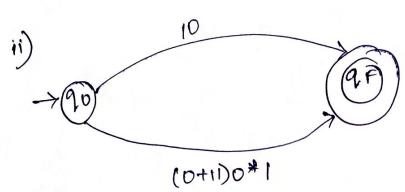
B state d'agram:-

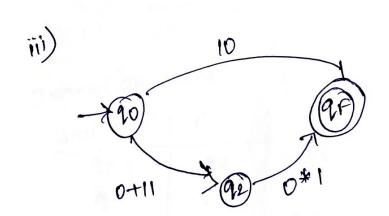


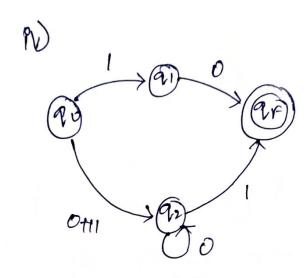


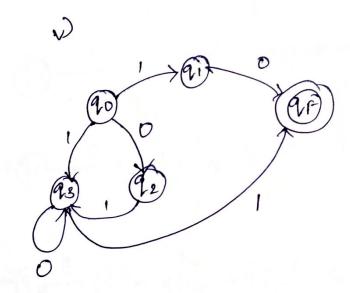
subset method.









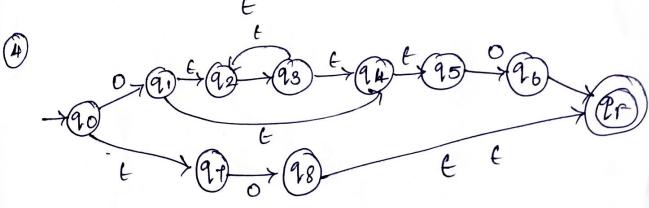


J. ramsation table

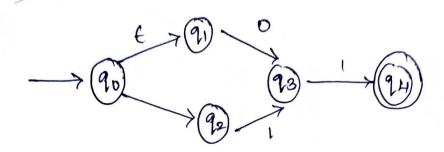
states	0	1 1
90	9,2	2193
91	24	Φ
92	Ф	9,3
73	93	95
2F	ф	' •

Kleen's theorem

Argumentation for = 0



2) Eclosure NFA to DFA.



1) 
$$t$$
 closure of  $2903 = 290,91,923 \rightarrow A$   
 $2913 = 2913 \rightarrow B$   
 $2923 = 2923 \rightarrow C$   
 $2933 = 2933 \rightarrow D$   
 $2943 = 2943 \rightarrow E$