

M= & (Q, 5, 0, d, d, 90)

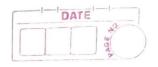
Q: 190,91,92,93,94,95,96} 2: (6,b) 0: 10,1}

4: 0-> V

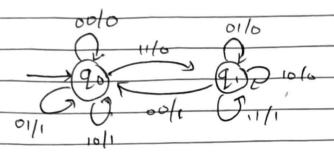
20: 20

0.2

-11					
	QE	а	Ь	7	
	40	91	94	0	
	19	92	24	0	
	1 92	92	93	0	
	93	95	94	1 /	
	] 9h	25	94	0	
	95	. 96	94	0	
	96	92	9.3	)	,
	1			1	



0.3 design mealy machine to add two lunary



M= (a, &, D, d, A, 90)

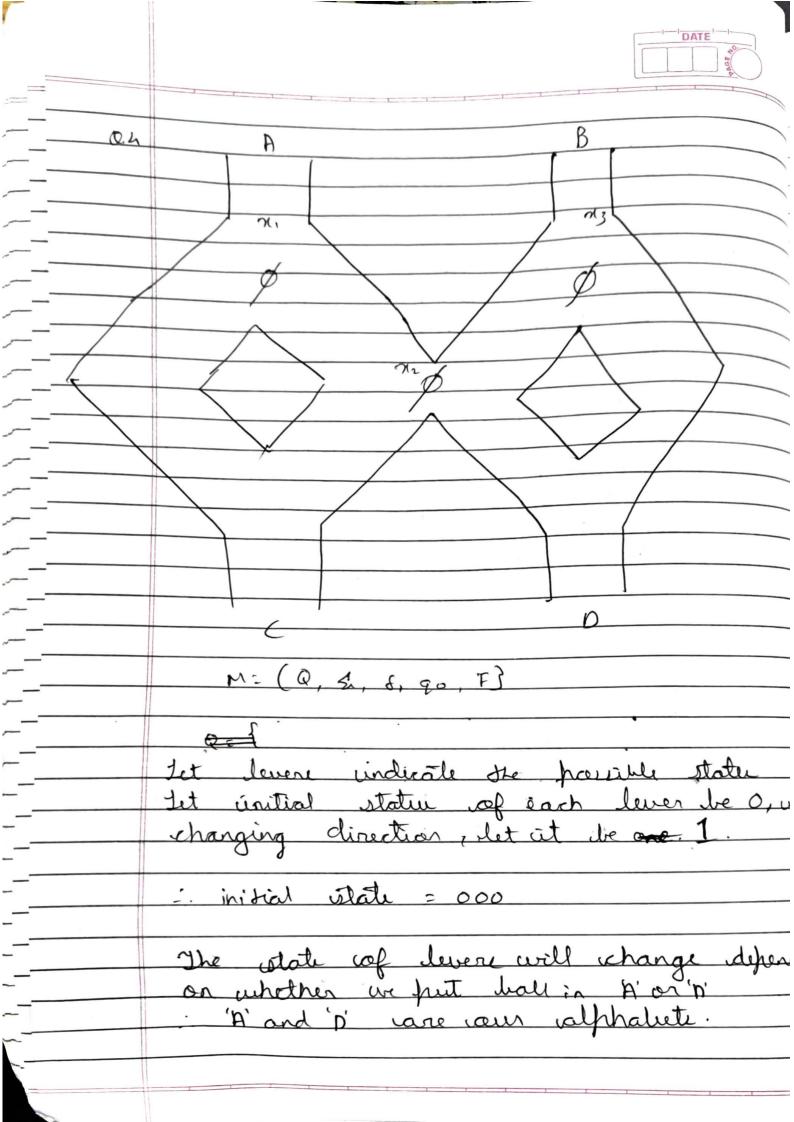
α= 190.913 4=10.13 Σ=100,01,10,113 Δ=10,13

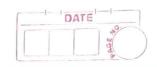
7: 0 × 2 -> 0

90 = 90

90

	<i>V</i>	^	_		,	10	,			L
		in	and	in	out	in	out	ic	out	
1	0	90	001	90	1	90		21	. 0	
1	90	90	1	9,	0	9,	0	21	1	
	-41									





if ball exists at I'C' it will not be vaccepted.

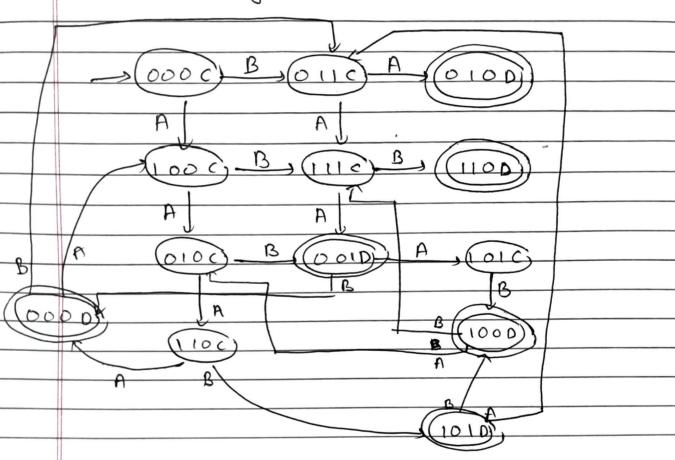
state such a:

if ball is thrown at 'B', it will exit

at 'c' and state will be 'Olic'.

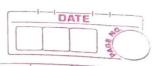
'Oll' indicating position of 3 levery and

'c' indicating it exit at 'c'.



0= \$0000,0110,0100,1000,1110,1100,0100,0010,1010,

90: 000c



	States	[ A ]	1 3
-2	500c	1000	OILC
nde	000 h	1000	ollc
4	0010	lolc	0000
	0100	1100	0010
*	0100	1160	0010
	0110	1116	0100
	looc	0100	1110
**	1000	0100	111
	1016	0110	(00)
<b>#</b> C		0116	(000
	1.160	0000	10 ( D
	¢ 1100	0000	1010
	(116	0010	1100
	1	00.0	1

.