INFERTALE SET

Pi=Ai OB:

Gi= Ai. Bi

C4= G3+P3C3=G3+P3G2+P3P3G,+P3P2F166 + BP2PP0C0

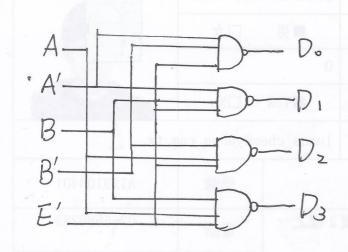
A	B	E	Do	Di	D2	D3
X	X	0	0	l	1	1
0	0	0	-(O	l	1
(0	0	1	l	0	1
J	1	0	1	(1	0

$$D_0 = (E'A'B')'$$

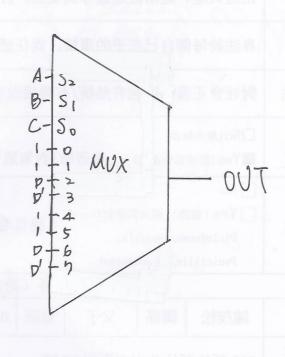
$$D_1 = (E'A'B)'$$

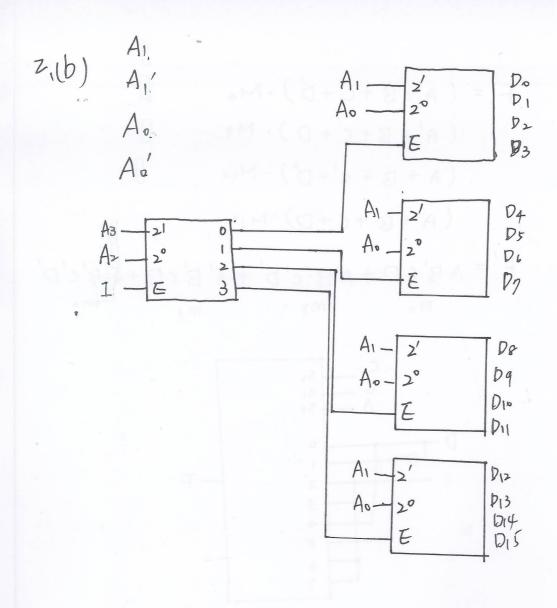
$$D_2 = (E'AB')'$$

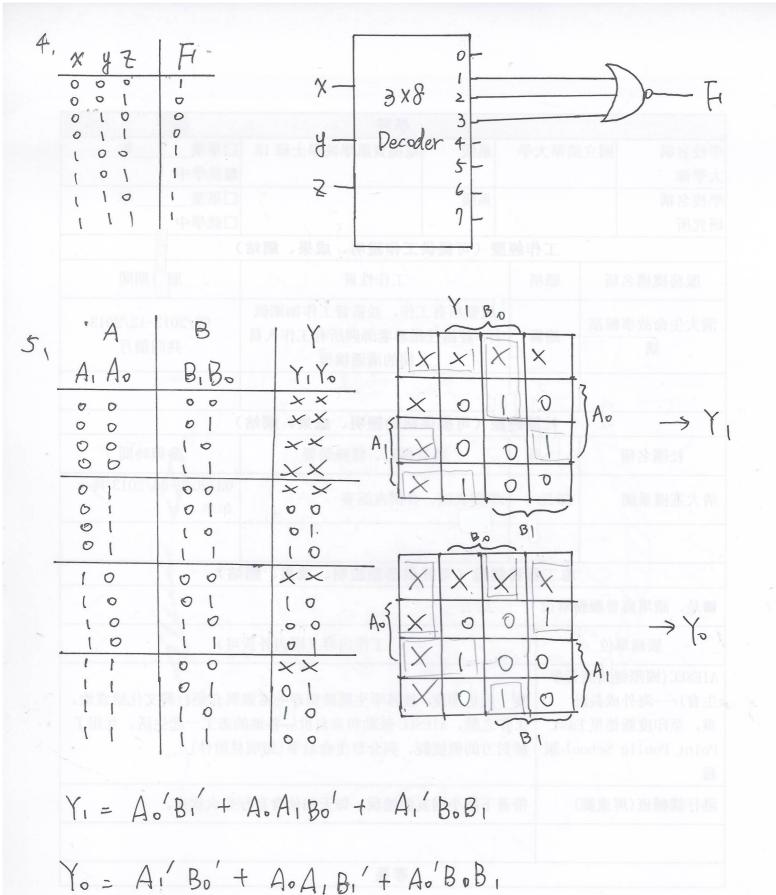
$$D_3 = (E'AB)'$$

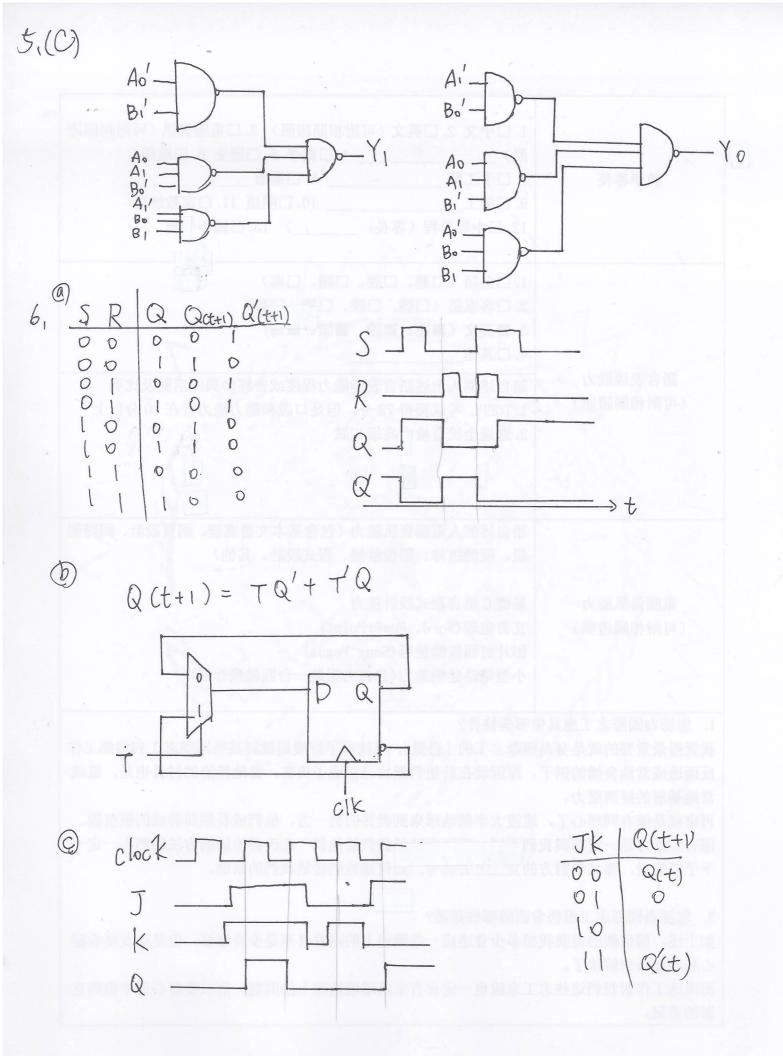


ι .	ABCD	OUT
	0000	1
	0001	1 1
	0010	1
	0011	1
	0100	0
	0101	1 D
	0110	1
	0 1 1 1	0 0'
	1000	s contaction of
	1001	1 1
-	010	1
	(011	1
•	(100)	10
	101	11
	1110	1 -1
	1 1 1 1	00



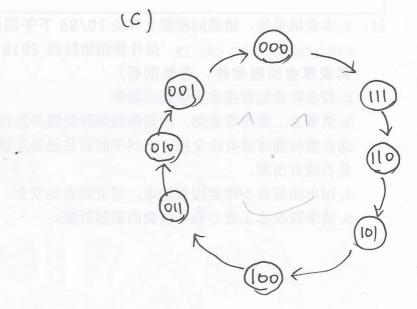






7. (a) $A_{2}(t+1) = A_{2}(t) \cdot A_{0}(t) + A_{2}(t) \cdot A_{1}(t) + A_{0}(t) \cdot A_{1}(t) \cdot A_{2}(t)$ $A_{1}(t+1) = A_{1}(t) \cdot A_{0}(t) + A_{1}'(t) \cdot A_{0}'(t)$ $A_{0}(t+1) = A_{0}'(t).$

	Ps.			NS		
(p)	A2	A.	Ao	A	A.	A.
	O	0	0	1	1	1
	0	Ø	1	0	0	0
	0	1	O	0	0	
平同時	0	l		O	(0
	(O	0	0	-	
	- [0	T V	1	0	0
	1	l	0	l	0	1
	l	l	1	1	l	0

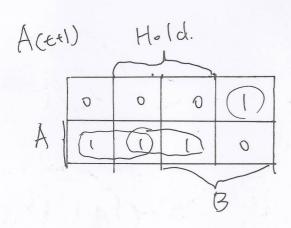


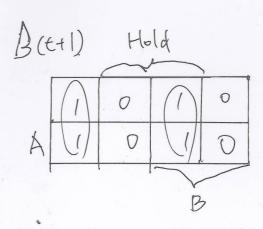
(d) Moore Machine.

8.100	0/0	(01)
		0/0
	0/0	(10)
1/0		1/0

A	B	Hold	A	B	Carry-Out
0	0	0	0	-	0
0	0	(0	0	Ð
0	1	0	1	0	O
0	1	l	0		0
- (0	0	- (1	7
l	0		1	0	0
l	1	0	0	0	
1	1	1	1		0

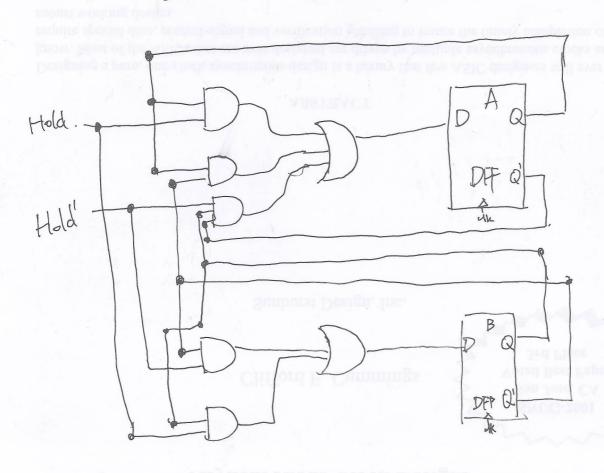
d bi It's mealy machine





Carry out = ABHold'
$$A = AH + AB' + A'BH'$$

$$B = B'H' + BH.$$



esis and Scripting Techniques for Designing Multi-