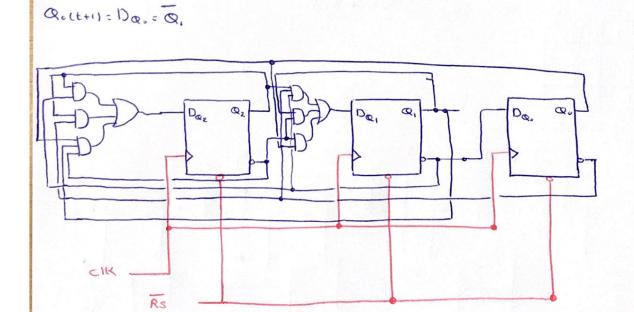


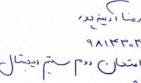
ره.ه.						
Q2 por	01	11 1	0			
0		0				
1	010	(1			
			Y			
Q2 (t	+1) = Da	= 0	0+	0.0	+ 0,0	0,00

Q2	Q.	01		10				
0			0					
1	0			(1	T			
-				_	1	_	_	
Q,	2 (t+1) = De	le =	Q2C	2, +	QZQ	0+0	، ه، ه
00	2000							
Qz	100	01		7				

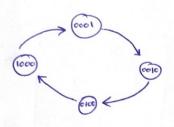
121	esnt s	tate	Ne	at st	ate	
Q2	0,0	. 2	Q2	Q, 0	و .	FlipFlop input DR DB Dc
0	0	0		0	1	
0	0	1	0	- 1	1	برابرات ک
0	1	1	0	1	0	CEO (FED)
0	1	0	1	1	0	Next
1	1	0	1	1	1	state
1	1	1	1	0	1	
1	0	1	1	0	0	
1	0		0	0	0	
	~	100 00	01	11	10	
	-12	0	1	0	D	
		1 1			1 1	

Q,(++1)= DQ, = Q2Q0+Q2Q1+Q2Q1Q0





#2



Pre	esnt	stat	2	1	vext	stat	e	FF	inpu		1 05
Q ₃	Q 2	0,0	Q.	Q3	Q2	Q;	Q.	Des	Daz	De,	Das
0	0	0	1	0	0	ı	0	0	0		0
0	0	t	0	0	1	0	0	0	1	0	0
0	1	0	0	1	1	0	0		1	0	0
1	0	0	0	0	0	0	1	0	0	0	t

0,0	-			
7.30g	00	01	11	(0
00	0	0	0	11
01	X	X	X	X
u	×	X	X	X
10	x	X	X	X

						_
0			DQ3		-	1
CX 2	1++1) =	DO-	-	w.	W.
_	C		3	-	~ 1	- 0

- C2.00				
Q,Q.	00	01	"	10
00	0	0	(1)	0
01			1x	
11			X	
10			X	

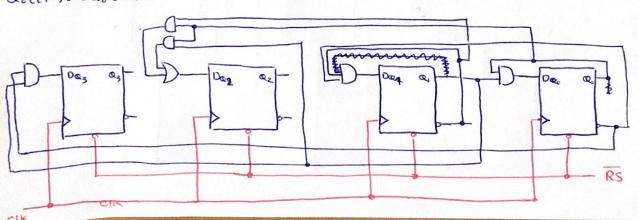
Q. (+1)= DQ. = Q.Q.

2000				
Q3Q2	00	01	11	10
00	0	(0	
01	X	X	X	X
ц	X	X	X	X
10	X	X	X	W

Q	2(t+1)= 1) Q2:
=	Q, Q . +	0,00

Q1Q0	00	01	u	(0
00	(1)	0	0	0
01	X		136	
11	x			
10	(x)	18		

Q,(E+1) = DQ, = Q,Q,



رضادین بدی ۱۳۵۳ می ۱۳۹۳ استال دوم ستم دیستال مروه ل

#3

B, B.
A, A.

AoBi AoBo

AIB, AB.

C3 C2 C1 C0

B 2 A 2 A 2

gate level:

A= A(A) B= B, B, Y= C3 C2C, C0

