## Lezione 18

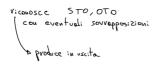
Esercizio, Contatore sincrono, FF con ingressi asincroni (set & clear)

## Esercizio, <u>Contatore sincrono</u>, FF con ingressi asincroni (set & clear)

Lezione 18



iuput 0, S, T



	0	S	T
Qiu	Q /0	Qs/o	Q:11/0
Q.	Q <sub>d</sub> o	Qs/0	Q01/0
Qs	Q <sub>0</sub> / <sub>0</sub>	Qs/o	QsT/o
Qot	Q <sub>0/1</sub>	Qs/o	Q:n/o •
$Q_{st}$	Q <sub>0</sub> /1	Qs/o	Q:•/6



Q14 Q1 = {Q0, Q5} Q'ot = {Qot, Qst}

	0	S	T
$Q_{i_{\bullet}}$	Q'o/o	Q' <sub>°</sub> / <sub>°</sub>	Qiu/o
Q'。	Q'0/0	Q'。/o	Q'or/o
Q'or	Q./1	Q' <sub>0</sub> / <sub>0</sub>	Q:n/o



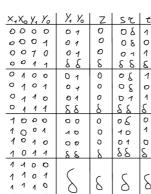
Q'01	=	10	
0	=	x, X,	
S	=	01	
_		4.0	

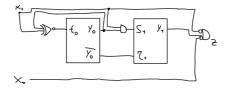
T/Ø 5/Ø Q'.	5/
T/o Q'or a T/g	

T/Ø	5/4	5/ø 9/ø	
( <del>)</del>	2/g S/g		
R	s/o	<b>(</b> (Q' <sub>0</sub> )	
T/o		/ T/Ø	
	(Q'or)	79	

S/6 0/8	3
5/0	
T/o Q'or e T/	ø

0 /1 /o	1/4 1/6	Z	らて	ť	,Χγ,
00	01	0	80	1	X,X
001	01	0	0 8	0	00
7 0	01	0	01	1	C 01
1 1	88	8	8 8	8	ا 11
100	0 1	٥	०८	1	10
1 0 1	0 4	0	08	0	
110	01	0	01	1	,%%,
1 1 1	8.8	δ	88	3	×
0 4 0	00	0	06	0	90







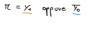


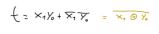


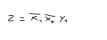






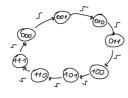






## · Contatore Sincrono

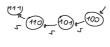
Mod 2n



(x)	Y2 Y1 Y0	Y2 /1 /0	52K2	J., K.	J, K,
4	000	001	90	08	18
1	001	010	08	18	81
1	010	011	08	60	18
1	011	100	18	81	81
1	100	101	رع	80	1 (
1	101	112	٥ؠ	1 5	81



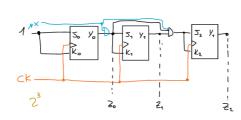
Jo = Ko = 1 = X 51=K==Y= xx

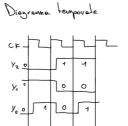


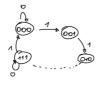
1	011	100	1 6	81	81
1	100	101	80	08	18
1	101	110	80	18	81
1	110	111	80	80	18
1	111	000	80	81	81

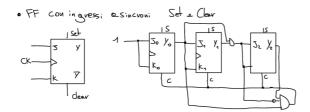
Jo = Ko = 1 = X
J1=K1=Y6=x16
$J_2 = k_2 = y_1 y_0 = x_4 y_0$











## · PER CASA

- Riconoscere di STO e OTO con codifiche diverse per stati e ingressi
- Contatore mod 6 senza ingressi asincroni di 1 su una linea di ingressi