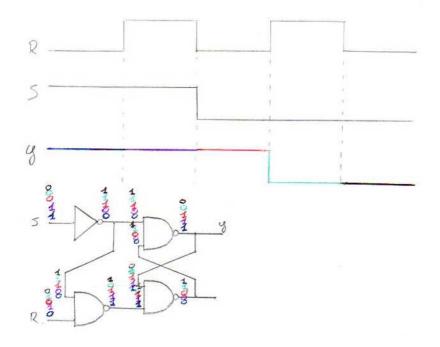
EXERCICE 1

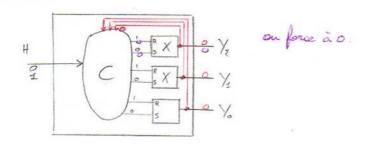
5	R	R	y= (y+5). R	y. R+5	(y+5R)(S+R)
0	0	4	ч	y	y
0	1	0	0	Ö	0
1	0	1	1	1	1
エ	1	0	0	1	4

EXERCICE 2



NAND: 50 si (1,1) 21 sinon

ExERCICE 3



$$Q_2 = \overline{Y_2}, \overline{Y_0}, \overline{H}$$

$$S_2 = \overline{Y_2}, \overline{Y_0}, \overline{H}$$

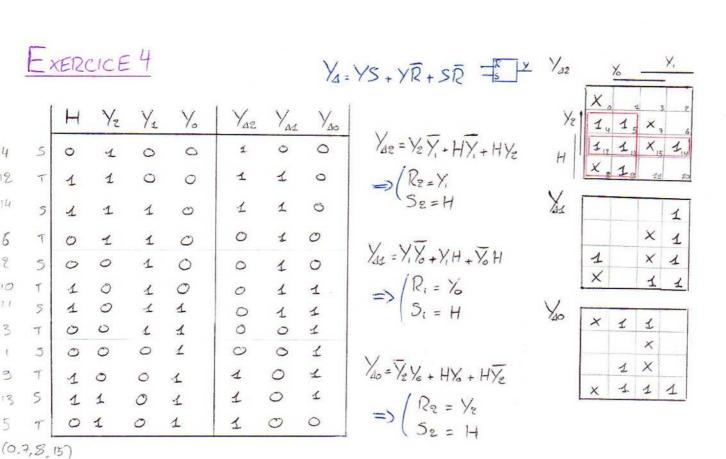
$$R_L = \overline{Y_2}, \overline{Y_0}, \overline{H}$$

$$S_1 = \overline{Y_2}, \overline{Y_0}, \overline{H}$$

$$R_0 = \overline{Y_2}, \overline{Y_0}, \overline{H} + \overline{Y_2}, \overline{Y_0}, \overline{H}$$

$$S_0 = \overline{Y_2}, \overline{Y_0}, \overline{H} + \overline{Y_2}, \overline{Y_0}, \overline{H}$$

$$S_0 = \overline{Y_2}, \overline{Y_0}, \overline{H} + \overline{Y_2}, \overline{Y_0}, \overline{H}$$



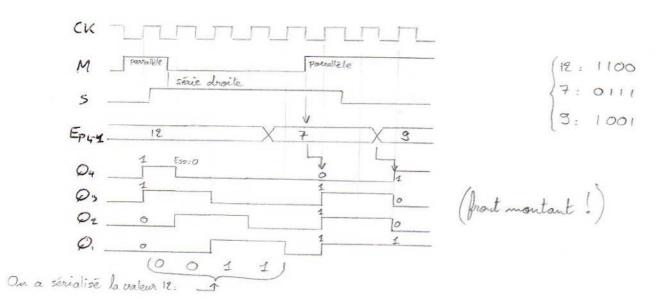
EXERCICE 3

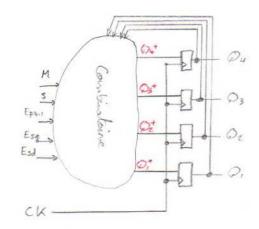
M=1 (P)

M=0 (s)

$$S=1$$
 O_1 O_2 O_3 O_4 O_5 O_6 O_7 O_8 O_8

exemple (On pose Esq = Esd = O)





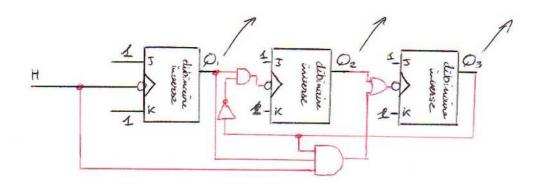
b. Les Di sont les valeurs Di que l'on souhaite avoir. (Oi+)

 $D_{1} = \overline{MS} E_{SQ} + \overline{MS} Q_{2} + ME_{P};$ $D_{2} = \overline{MS} Q_{1} + \overline{MS} Q_{3} + ME_{P};$ $D_{3} = \overline{MS} Q_{2} + \overline{MS} Q_{4} + ME_{P};$ $D_{4} = \overline{MS} Q_{3} + \overline{MS} E_{Sd} + ME_{P};$

LXERCICE	1

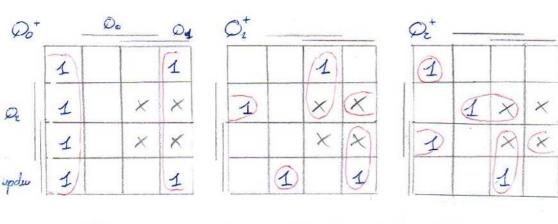
				cy	cycle complet			le inco	omplet	
	Q3	Q_{ε}	O.	33	32	31	33	3=	31	
0	0	0	0			1			1	
1	0	0	11		. 1	t		1	1	front descendant de
?	0	1	OF			1			1	
3	0	1	1,		> (1	i	i	ı	Qi => gi= 1
4	1	0	Of			ı			1	
5	1	0	1		i	- 1	1	0	,	
6	1	1	0	200			777777	11111	iii	
				31 = H			33= H		3.	
				32 = Ox			32 = 0.	e-f	= 0.7	23
				33 = 02			33=0	2 + gH	= 02	+ Q1 Q3 H

On cherche f et g afin d'aisoir le tableau en cycle incomplet



EXERCICE 2

					0	0	0,00	00.0	0,0	0	00.	0
	03	Oz	O1	00	RA	RAT					RAI	RAZ
0	0	0	0	0								
1	0	0	0	k				()				
2	0	0	1	0								
3	0	0	t	t								
14	0	i	0	0	0	X	X	0	1	0	1	0
5	0	ŧ	0	í	-			× /				
6	0	t	1	0				X				
17	0	((ţ								
8	i	0	0	0				0				
9	i	0	0	t				0				
10	1	0	ć	0								
111	i	0	i	1	×	0	1	٥	×	0	×	0
12	(i	0	0				The state of the s	Will.			
13	1	t	0	i				X				
14	ſ	1	t	0								
15	t	ŧ	t	í				0				



$$Q_1^+ = Q_0 Q_1 \overline{Q}_2 + \overline{Q}_0 Q_2 updu$$

+ $Q_0 \overline{Q}_1 \overline{Q}_2 updu + \overline{Q}_0 Q_2 updu$

-> AND -> OR ->

Temps de propagation:

