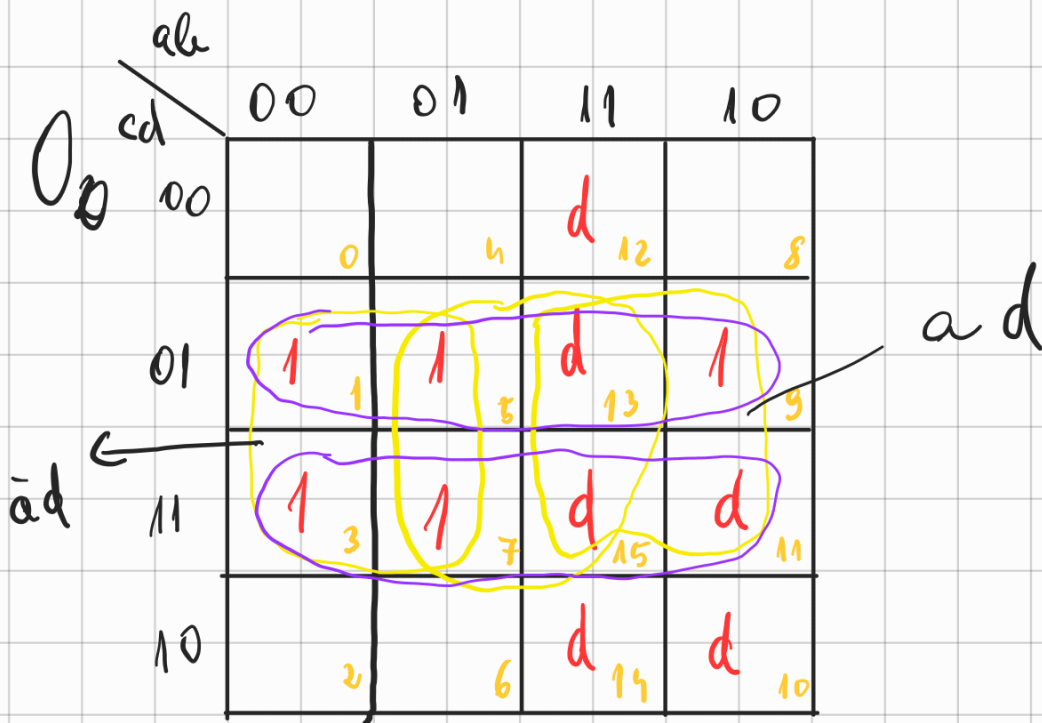


Minterms:  $O_1 = 1$  for

$$\bar{c}d + c\bar{d}$$



$$\bar{a}d + ad = 0_1$$

		ab			
		cd			
		00	01	11	10
00		1 <sub>0</sub>	1 <sub>4</sub>	d <sub>12</sub>	1 <sub>8</sub>
01				d <sub>13</sub>	
11		1 <sub>3</sub>	1 <sub>7</sub>	d <sub>15</sub>	d <sub>11</sub>
10				d <sub>14</sub>	d <sub>10</sub>

→  $\bar{c}\bar{d}$

→  $cd$

$$\bar{c}\bar{d} + cd$$

0<sub>0</sub>

		ab			
		cd			
		00	01	11	10
00		1 <sub>0</sub>	1 <sub>4</sub>	d <sub>12</sub>	1 <sub>8</sub>
01				d <sub>13</sub>	
11				d <sub>15</sub>	d <sub>11</sub>
10		1 <sub>2</sub>	1 <sub>6</sub>	d <sub>14</sub>	d <sub>10</sub>

$$V_0 : a d + a \bar{c} d$$

$O_1$

cd \ ab	00	01	11	10
00	1 0	1 4	d 12	1 8
01	1 1	5	d 13	9
11	3	7	d 15	d 11
10	1 2	1 6	d 14	d 10

$\bar{c} \bar{d}$

$c \bar{d}$

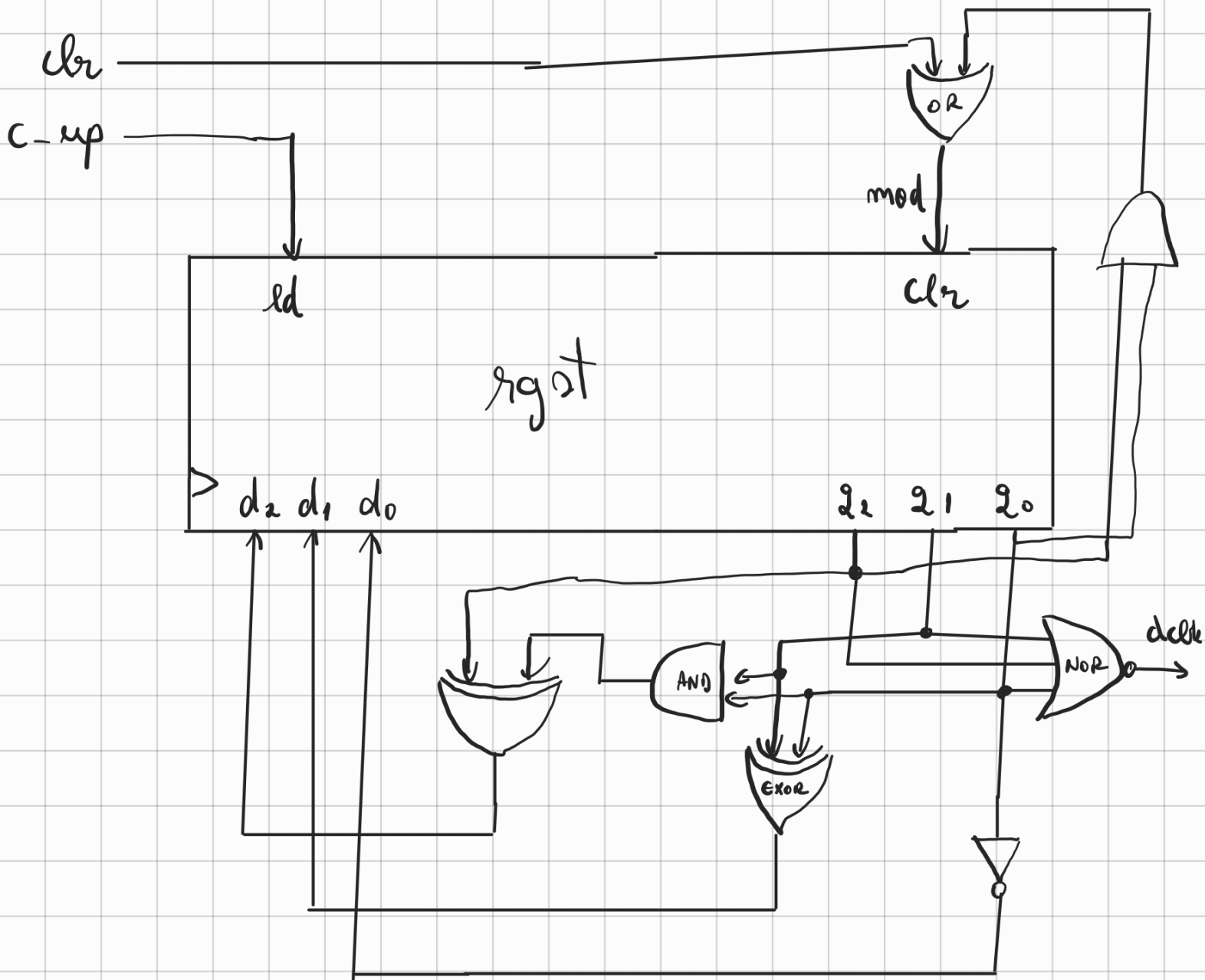
cd \ ab	00	01	11	10
00			d 12	8
01	1 1	5	d 13	9
11	3	7	d 15	d 11
10	2	6	d 14	d 10

$a d$

$a d + \bar{a} d$

a d

divide by 6



pt divide by 7, frag de la  $q_1$  ni tot  
asa

Ver 13

ex 3.

LFSR - 6 ranguri

nr. de	clk	$q[5]$	$q[4]$	$q[3]$	$q[2]$	$q[1]$	$q[0]$
0	d	1	1	1	1	1	1
1	7	0	0	1	0	1	1
1	2	0	1	0	1	1	0
1	2	1	0	1	1	0	0
1	2	1	0	1	1	0	1
1	2	1	0	1	1	1	1
1	2	1	0	1	0	1	1
1	2	0	1	0	0	1	1
1	2	1	0	0	1	1	0

etc.