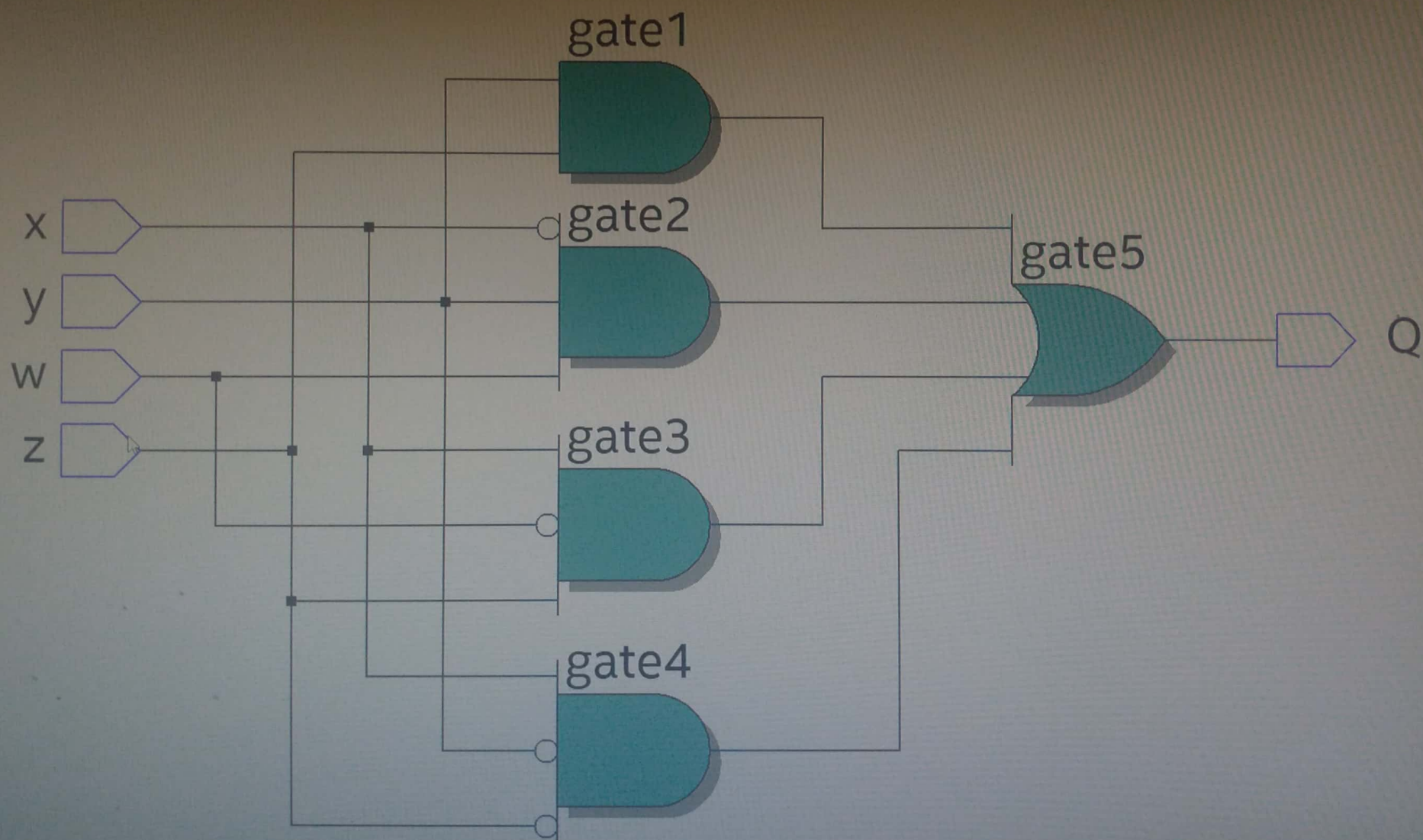


1)  $1110$

$a_0$	<u>x</u>	<u>y</u>	<u>z</u>	<u>w</u>	$x \backslash y \backslash z \backslash w$	00	01	11	10
5 $\rightarrow$	0	1	0	1	00				
6 $\rightarrow$	0	1	1	0	01		1	1	1
7 $\rightarrow$	0	1	1	1	11			1	1
8 $\rightarrow$	1	0	0	0	10		1	1	
9 $\rightarrow$	1	0	0	1					
10 $\rightarrow$	1	0	1	0					1
11 $\rightarrow$	1	1	1	0					
15 $\rightarrow$	1	1	1	1					

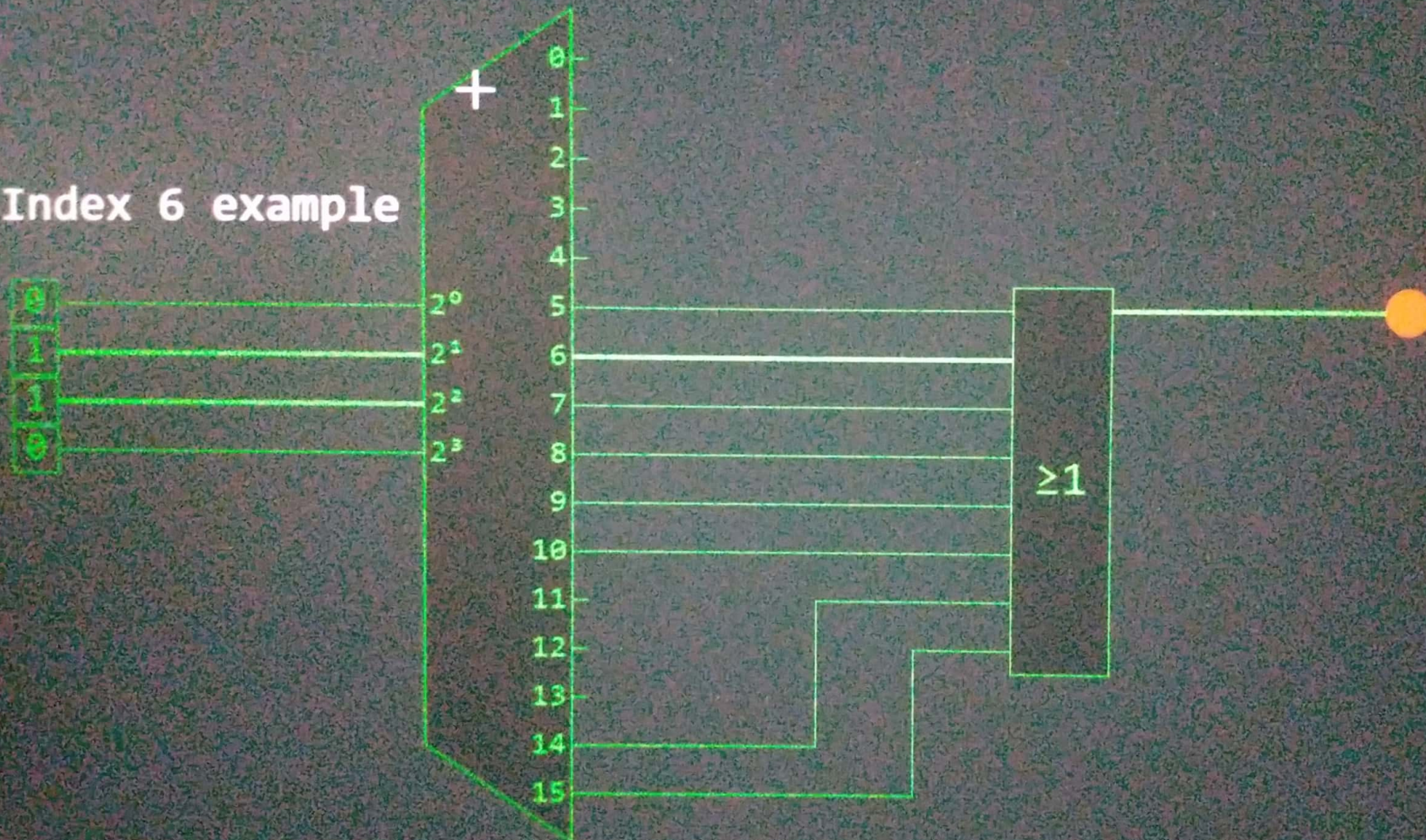
Groupings:  $y z$ ,  $x y w$ ,  $x z w'$ ,  $x y' z'$

$$y z + x y w + x z w' + x y' z' = F$$

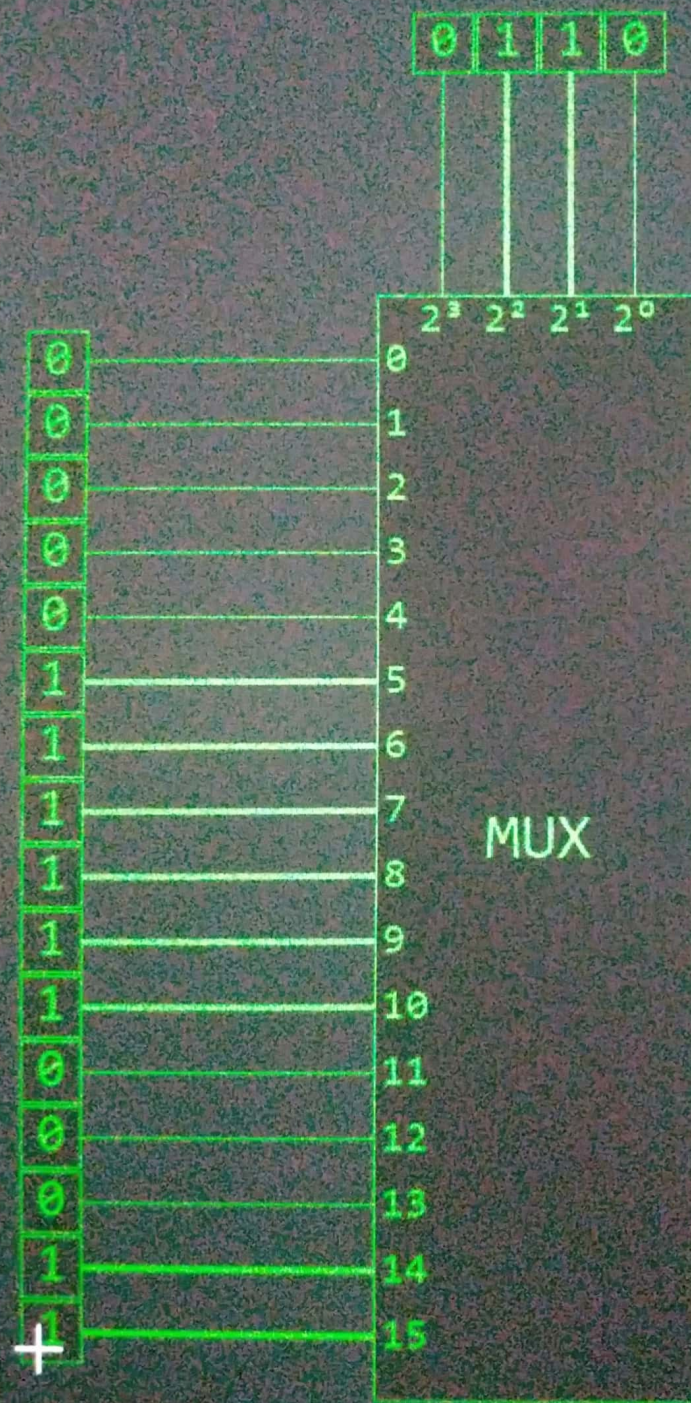




\*Index 6 example







■ Index 6 example



2.a)

$x \backslash yz$	00	01	11	10
0	1	1	0	1
1	0	0	0	0

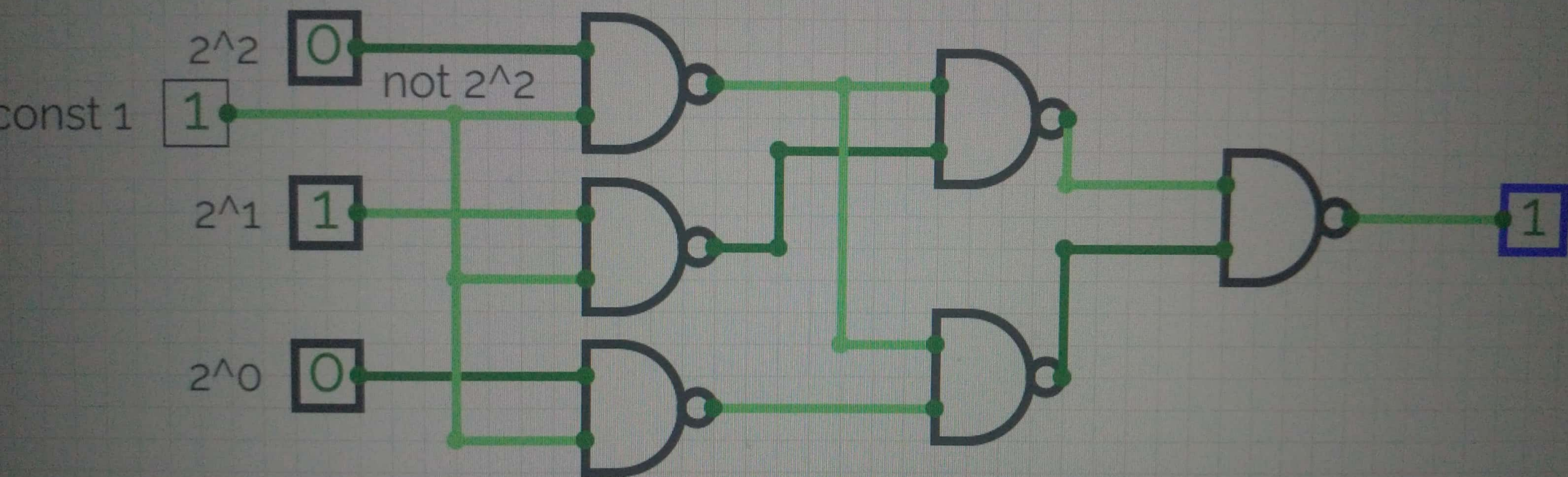
$$(y' + z')$$

$$y \cdot z$$

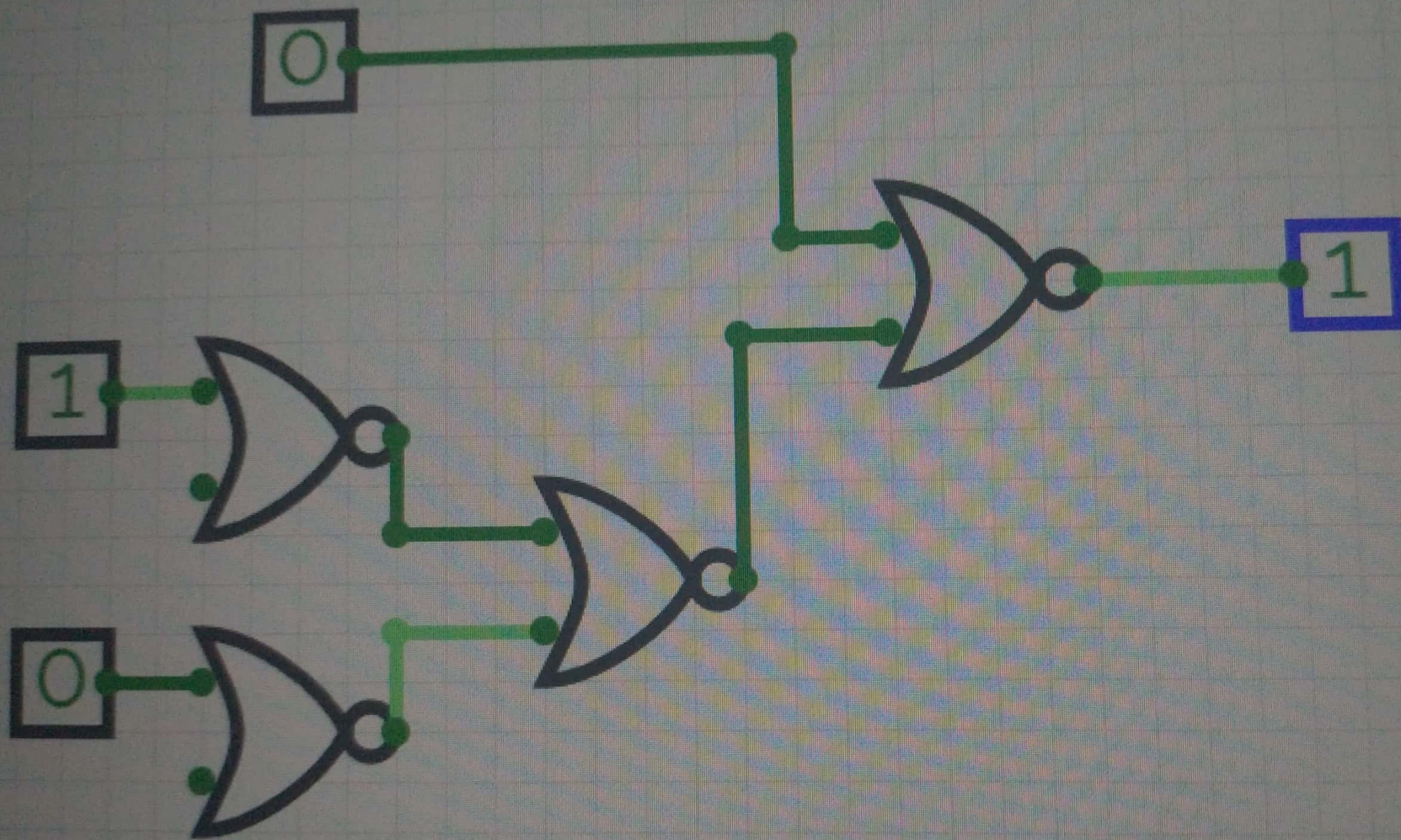
$$F = x' y' + x' z'$$

$$x' (y' + z')$$

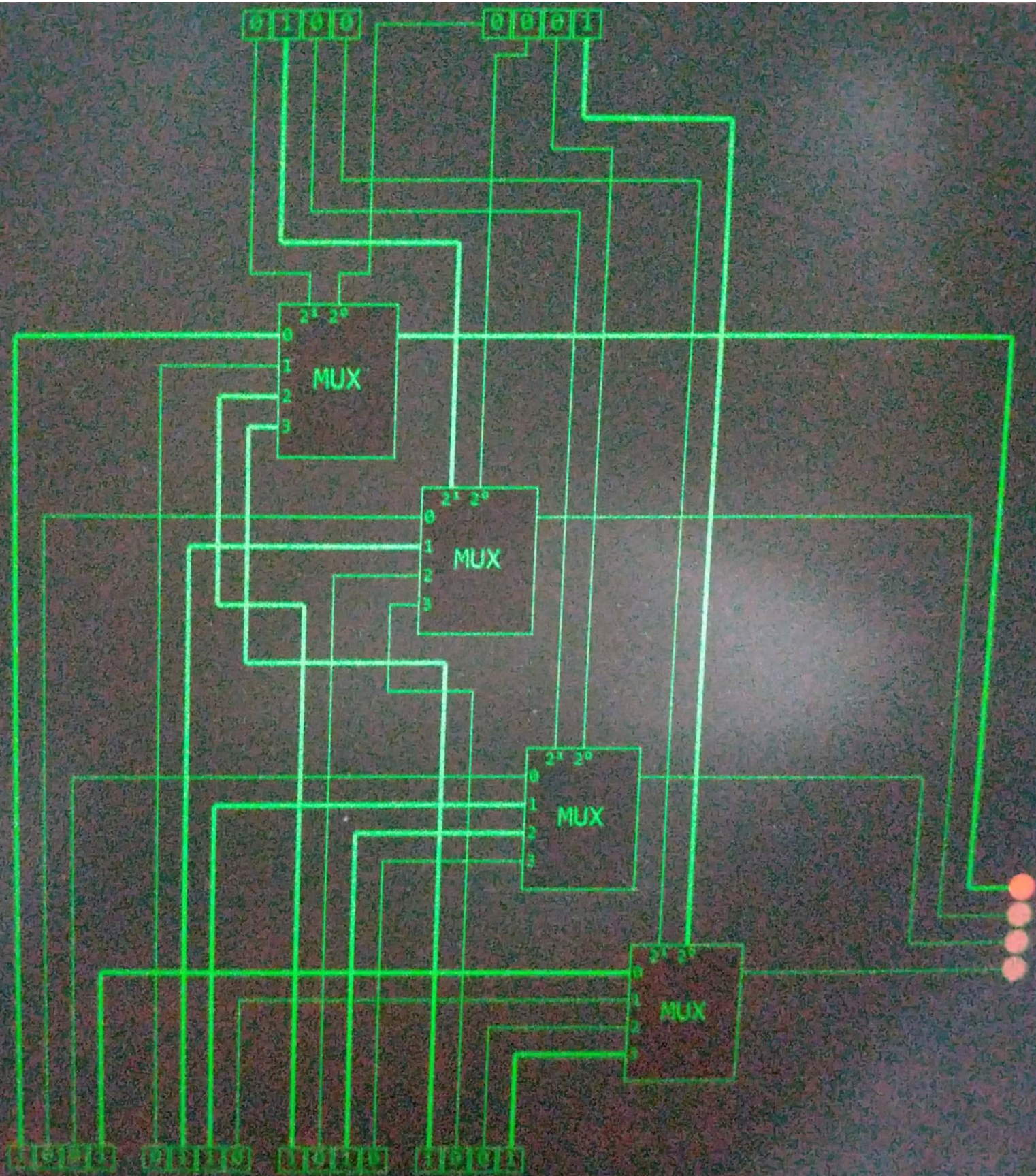












Ara

