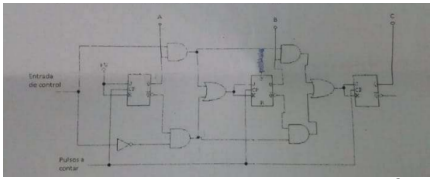
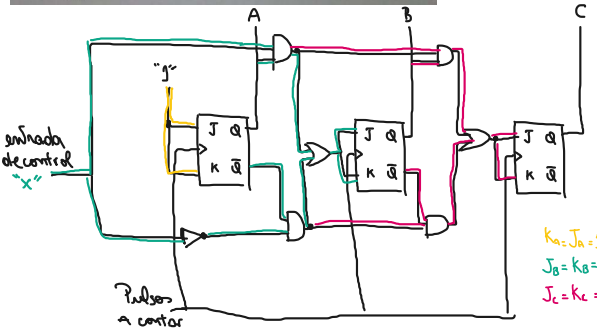
3. Analizar el siguiente circuito contador indicando su módulo y código de cuenta



$2^2 = 4$
$2^3 = 8$ } módulo entre 4 y 8



st ruedi

J	K	Q^+
0	0	Q
0	1	0
1	0	1
1	1	$\overline{Q}$

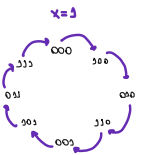
$K_A = J_A = 1$

$J_B = K_B = (x \cdot Q_A) + (\overline{x} \cdot \overline{Q}_A)$

$J_C = K_C = [Q_B \cdot (x \cdot Q_A)] + [\overline{Q}_B \cdot (\overline{Q}_A \cdot \overline{x})]$

X	A	B	C	A'	B'	C'	J_A	K_A	J_B	K_B	J_C	K_C
0	0	0	0	1	1	1	1	1	1	1	1	1
0	0	0	1	1	1	1	0	1	1	1	1	1
0	0	1	0	1	0	0	1	1	1	1	0	0
0	0	1	1	1	0	1	1	1	1	1	0	0
0	1	0	0	0	0	0	1	1	0	0	0	0
0	1	0	1	0	0	1	1	1	0	0	0	0
0	1	1	0	0	1	0	1	1	0	0	0	0
0	1	1	1	0	1	1	1	1	0	0	0	0
1	0	0	0	1	0	0	1	1	0	0	0	0
1	0	0	1	1	0	1	1	1	0	0	0	0
1	0	1	0	1	1	0	1	1	0	0	0	0
1	0	1	1	1	1	1	1	1	0	0	0	0
1	1	0	0	0	1	0	1	1	1	1	0	0
1	1	0	1	0	1	1	1	1	1	1	0	0
1	1	1	0	0	0	1	1	1	1	1	1	1
1	1	1	1	0	0	0	1	1	1	1	1	1

x=1

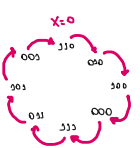


Cód de cuenta

{000 100 010 110 001 101 011 111}

Módulo = 8

x=0



Cód de cuenta

{110 010 100 000 111 011 101 001}

Módulo = 8