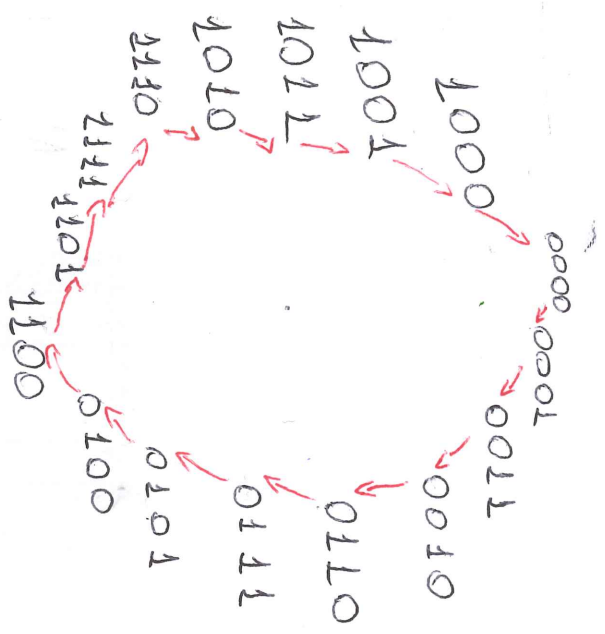


Estado Actual				Estado siguiente				Entradas flip-flop							
Q_3	Q_2	Q_1	Q_0	Q_3^+	Q_2^+	Q_1^+	Q_0^+	J_3	K_3	J_2	K_2	J_1	K_1	J_0	K_0
0	0	0	0	0	0	0	1	0	x	0	x	0	x	1	x
0	0	0	1	0	0	1	1	0	x	0	x	1	x	x	0
0	0	1	0	0	1	1	0	0	x	1	x	x	0	0	x
0	0	1	1	0	0	1	0	0	x	0	x	x	0	x	1
0	1	0	0	1	1	0	0	1	x	x	0	0	x	0	x
0	1	0	1	0	1	0	0	0	x	x	0	0	x	x	1
0	1	1	0	0	1	1	1	0	x	x	0	x	0	1	x
0	1	1	1	0	1	0	1	0	x	x	0	x	1	x	0
1	0	0	0	0	0	0	0	x	1	0	x	0	x	0	x
1	0	0	1	0	0	0	0	x	0	0	x	0	x	x	1
1	0	1	0	1	0	1	1	x	0	0	x	x	0	1	x
1	0	1	1	1	0	1	1	x	0	0	x	x	0	1	x
1	1	0	0	1	1	0	1	x	0	0	0	x	x	1	x
1	1	0	1	1	1	1	1	x	0	x	0	1	x	x	0
1	1	1	0	1	0	1	0	x	0	1	x	0	0	0	x
1	1	1	1	1	1	1	0	x	0	0	0	x	0	1	1



JQ₃

	$\overline{Q_1}$	Q_1		
	0	0	0	0
$\overline{Q_3}$	1	0	0	0
	x	x	x	x
Q_3	x	x	x	x
	$\overline{Q_0}$	Q_0	$\overline{Q_0}$	

 $Q_2 \cdot \overline{Q_1} \cdot \overline{Q_0}$ KQ₃

	$\overline{Q_1}$	Q_1		
	x	x	x	x
$\overline{Q_3}$	x	x	x	x
	0	0	0	0
Q_3	1	0	0	0
	$\overline{Q_0}$	Q_0	$\overline{Q_0}$	

 $\overline{Q_2} \cdot \overline{Q_1} \cdot \overline{Q_0}$ JQ₂

	$\overline{Q_1}$	Q_1		
	0	0	0	1
$\overline{Q_3}$	x	x	x	x
	x	x	x	x
Q_3	0	0	0	0
	$\overline{Q_0}$	Q_0	$\overline{Q_0}$	

 $\overline{Q_3} \cdot Q_1 \cdot \overline{Q_0}$ KQ₂

	$\overline{Q_1}$	Q_1		
	x	x	x	x
$\overline{Q_3}$	0	0	0	0
	0	0	0	1
Q_3	x	x	x	x
	$\overline{Q_0}$	Q_0	$\overline{Q_0}$	

 $Q_3 \cdot Q_1 \cdot \overline{Q_0}$ JQ₁

	$\overline{Q_1}$	Q_1		
	0	1	x	x
$\overline{Q_3}$	0	0	x	x
	0	1	x	x
Q_3	0	0	x	x
	$\overline{Q_0}$	Q_0	$\overline{Q_0}$	

 $Q_0 \cdot (Q_3 \odot Q_2)$ KQ₁

	$\overline{Q_1}$	Q_1		
	x	x	0	0
$\overline{Q_3}$	x	x	1	0
	x	x	0	0
Q_3	x	x	1	0
	$\overline{Q_0}$	Q_0	$\overline{Q_0}$	

 $Q_0 \cdot (Q_3 \oplus Q_2)$ JQ₀ $\sim Q_2 \cdot (Q_3 \text{XNOR} Q_1) + Q_2 \cdot (Q_3 \text{XOR} Q_1)$

	$\overline{Q_1}$	Q_1		
	1	x	x	0
$\overline{Q_3}$	0	x	x	1
	1	x	x	0
Q_3	0	x	x	1
	$\overline{Q_0}$	Q_0	$\overline{Q_0}$	

KQ₀ $\sim Q_3 \cdot (Q_2 \text{XOR} Q_1) + Q_3 \cdot (Q_2 \text{XNOR} Q_1)$

	$\overline{Q_1}$	Q_1		
	x	0	1	x
$\overline{Q_3}$	x	1	0	x
	x	0	1	x
Q_3	x	1	0	x
	$\overline{Q_0}$	Q_0	$\overline{Q_0}$	