

TC

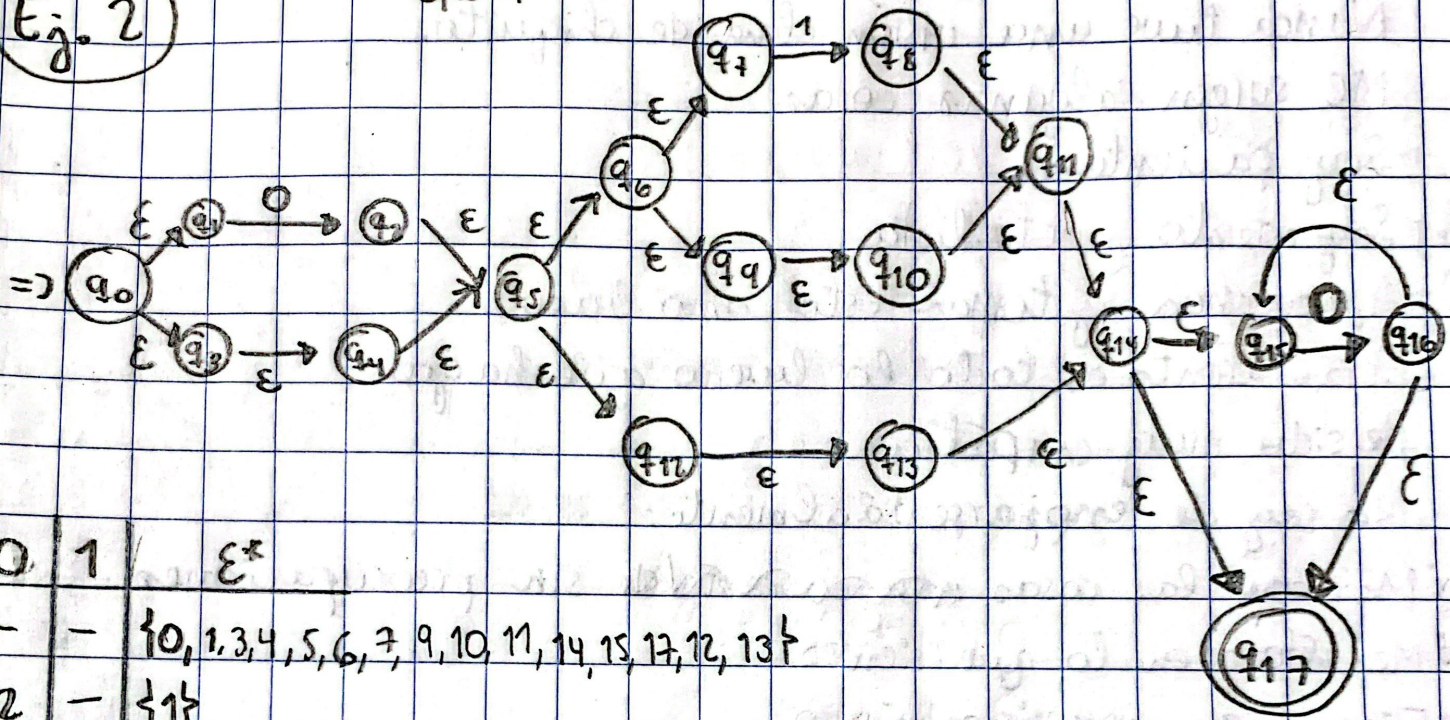
Lab. 3

Ej. 2

$a^*a = a^+ \rightarrow a$ 1 o más veces

$a^+b = a^+b$

$\epsilon | R^+ = R^*$ $\rightarrow a$ 0 o más veces.



	0	1	ϵ^*
0	-	-	{0, 1, 3, 4, 5, 6, 7, 9, 10, 11, 14, 15, 17, 12, 13}
1	2	-	{1}

$$q_0 = \varepsilon$$

$$Q_1 = Q_0 \varepsilon$$

$$q_1 = \varepsilon \varepsilon = \varepsilon$$

$$q_2 = q_1 \cdot 0$$

$$q_2 = 330$$

$$q_2 = 0$$

$$q_3 = q_0 \varepsilon = \varepsilon$$

$$q_4 = q_3 \varepsilon = \varepsilon$$

$$q_5 = q_2 \varepsilon + q_4 \varepsilon$$

$$g_5 = 0\epsilon + \epsilon\epsilon$$

$$q_s = 0 + \varepsilon$$

$$q_0 = q_5 \epsilon = 0 + \epsilon$$

$$q_+ = q_- E = 0 + E$$

$$q_8 = q_7 = 1(0 + \varepsilon)$$

$$q_1 = q_0 \varepsilon = 0 + \varepsilon$$

$$q_{10} = q_9 \varepsilon = 0 + \varepsilon$$

$$q_{11} = q_{12}\varepsilon + q_{10}\varepsilon = 1(0+\varepsilon) + \varepsilon(0+\varepsilon)$$

$$g_{11} = (1+\epsilon)(3+\epsilon)$$

$$q_{12} = q_{56} = 0 + \epsilon$$

$$q_{13} = q_{12} \varepsilon = 0 + \varepsilon$$

$$Q_{14} = q_{11}\varepsilon + q_{13}\varepsilon = \varepsilon(1+\varepsilon)(0+\varepsilon) + \varepsilon(0+\varepsilon)$$

$$q_{14} = (0+\epsilon)(\epsilon(1+\epsilon)+\epsilon)$$

$$q_{111} = (0+\epsilon)(\epsilon(1+\epsilon)+\epsilon)$$

$$q_{14} = (0 + \epsilon)((1 + \epsilon) + \epsilon)$$

$$Q_{15} = Q_{14} \varepsilon + Q_{16} \varepsilon$$

$$q_{16}^- q_{15}^0 = q_{14}^0$$

$$q_{15} = q_{14} \varepsilon + q_{15} \varepsilon 0$$

$$\varepsilon(q_{14} + q_{15} 0)$$

$$q_{15} = \frac{q_{14}}{2} + \frac{q_{150}}{20}$$

$$q_{15} = q_{14} O^*$$

$$q_{15} = 0^*(0+\epsilon)((1+\epsilon)+\epsilon)$$

$$q_{16} = q_{15} 0$$

$$q_{16} = 0^+ (0^+ \varepsilon) ((1^+ \varepsilon) + \varepsilon)$$

$$q_{17} = q_{14} \varepsilon + q_{16} \varepsilon$$

$$q_{17} = q_{14} (\varepsilon + v^+)$$

$$q_{17} = q_{14} 0^*$$

$$q_{12} = 0^*(0+\epsilon)((1+\epsilon)+\epsilon)$$

$$g_{17} = 0^*(01\varepsilon)(11\varepsilon1\varepsilon)$$