

INGENIERIA EN SISTEMAS DE INFORMACIÓN

SINTAXIS Y SEMANTICA DE LOS LENGUAJES TRABAJO PRÁCTICO NUMERO 4

Profesor:

• Ing. Mario Rinaldi.

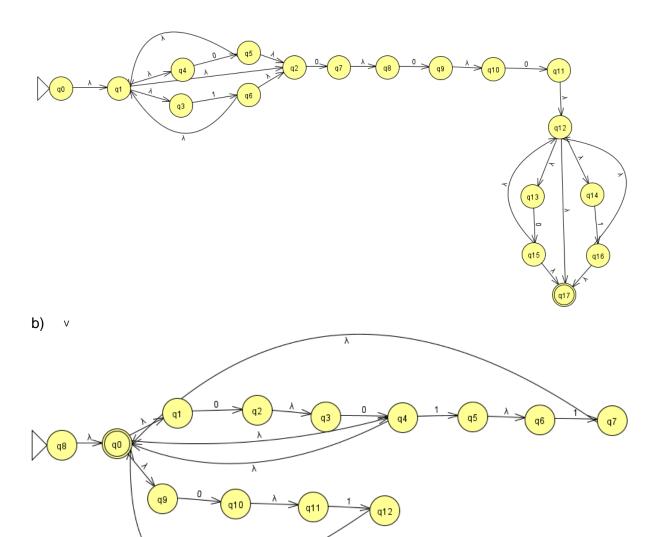
JTP:

• Ing. Jorge Palombarini.

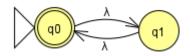
Integrantes:

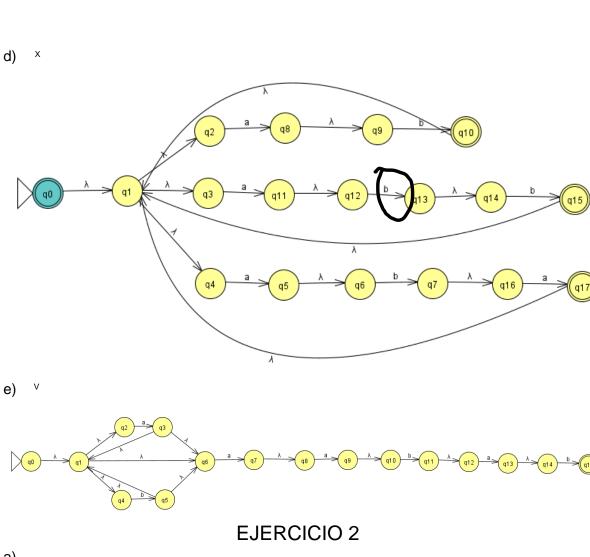
- Aimbinder, Tiago Gabriel
- Flores, Mauricio Fernando
- Tabilo, Ivo Ezequiel



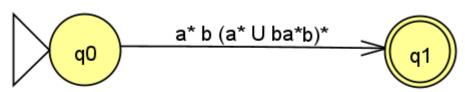


c)

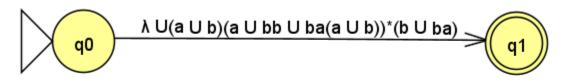


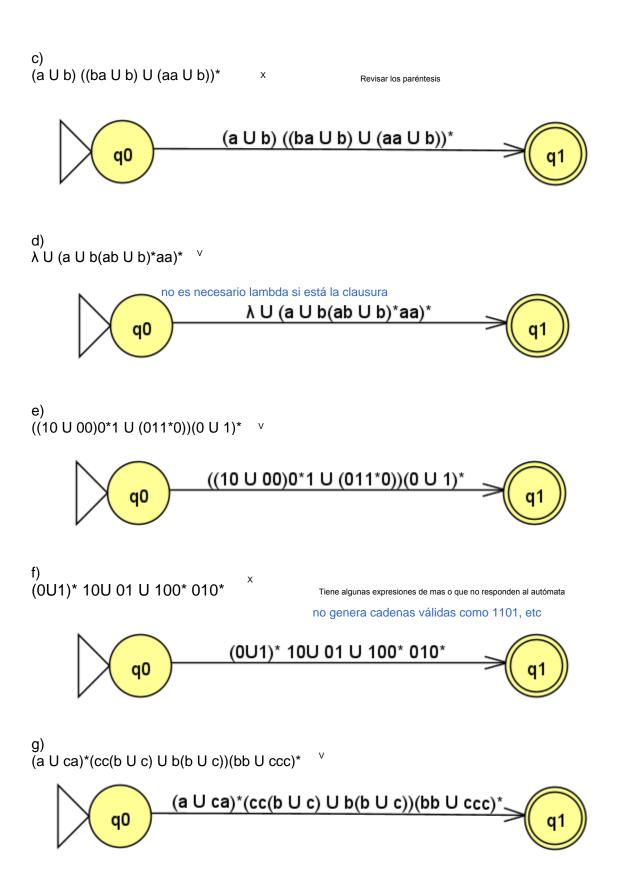


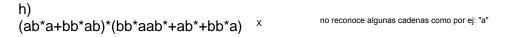


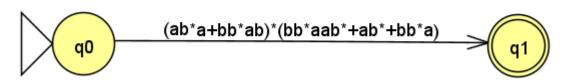


b) $^{\vee}$ $^{\lambda}$ U(a U b)(a U bb U ba(a U b))*(b U ba)



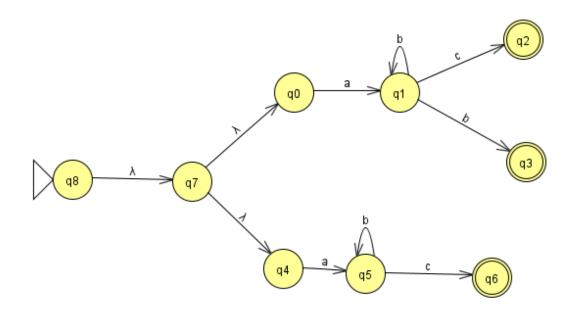




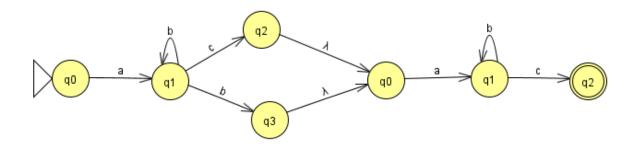


EJERCICIO 3

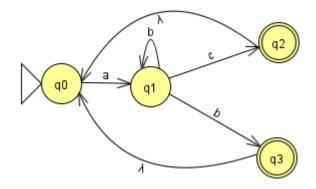
(A U B) v



(A.B) v



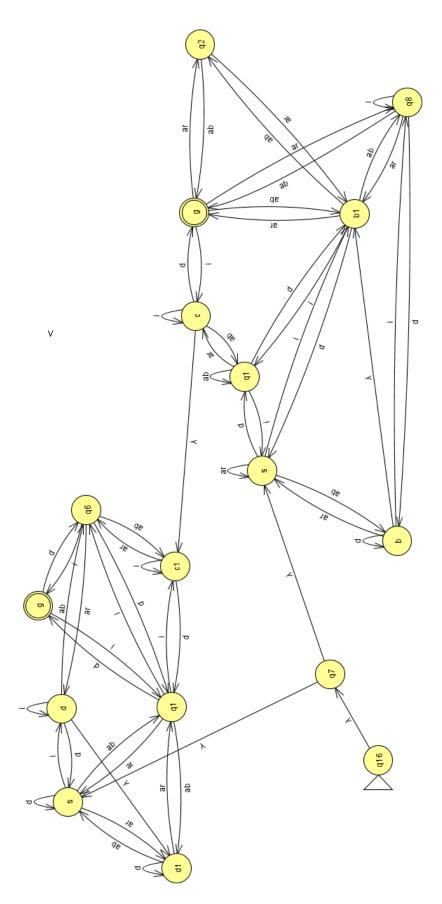




EJERCICIO 4

G1 = GRILLA 1				
	С	G		
S		B1		
В				
G2 = GRILLA 2				
D	S			
		G		
	54			

a) (G1 U G2)

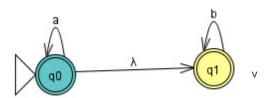


Aimbinder, Tiago Gabriel; Flores, Mauricio Fernando; Tabilo, Ivo Ezequiel.

b) El lenguaje que reconoce es L= {abajo, arriba, izquierda, derecha} x

Lo que pusieron es el alfabeto

EJERCICIO 5



Estado inicial = {q0} v

Estado final = $\{q0\}$

q1 también es estado final

Estados = $\{q0, q1\}$ \vee

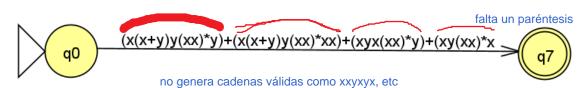
Alfabeto = {a, b} v

Transiciones =

input/estado	а	b	€
q0	{q0}	Ø	{q1}
q1	Ø	{q1}	Ø

EJERCICIO 6

a) 🔻



b)

Lenguaje = {W | W empieza con X y tiene un largo mínimo de 3 caracteres}

xyy no es reconocida