#### Tarea 3

Obtención de un AFD para una expresión regular

#### **Elementos Punteados**

#### Obtener el AFD Mediante elementos punteados para: ((a)?(b)\*)\*b

Cerradura = 
$$(\cdot((a)?(b)^*)^*b = \{((a)?(b)^*)^*b = \{((a)?(b)^*)^*b$$

# Obtener el AFD Mediante elementos punteados para a((b|ac)x)|(x)\*a

a((blac)x))(x)*a		
Cerradora - la ((blac)x) ((x) a)	9640 (18. (4. LD) = Q	
={ a((blac)x))(x) a	9010(94, 0) 90	90 to (92, ×) = 9
a((b/ac)x)/(x)* a } · 9.	9040 (44) (4.4/1) 9	30+0 (9+1, 1)= 95
goto (9. a)= { a((.bloc)x)(x)* a a((bloc)x)(x)* a a((bloc)x)(x)* a* } = q.	90+0(95,16,6,c,x))+	
30+0(90 (6,0))= 0		
90+019.x)={a((blac)x) (-x)*a a((blac)x) (x)*a]=9=		
goto(9, a): {a(16)a.() x))(x)*a3:9,		
90+019, b)={ a((blac)-x)1(x)*a}-94		
90+0(91,(0,>))= 4		
90+0(92,0)={a((blac) x)(x) a-}45		
90+0(92, (b, c)). P 20+0(94. x). 92		

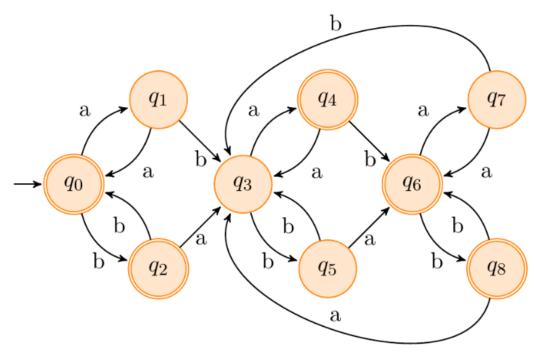
# Obtener el AFD Mediante elementos punteados para: ba((b|c)\*(a)+c)\*

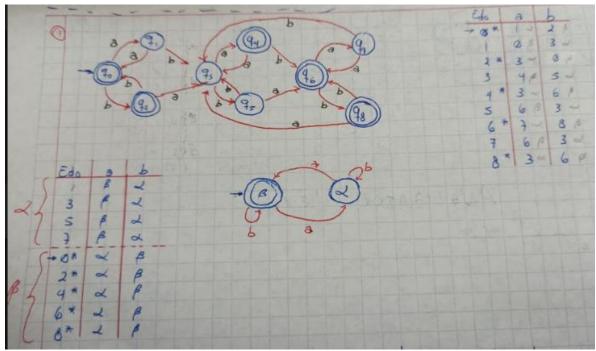
hollbic	)*(a)*(b)*
	Charchast carte 13 . q.
goto(3, a)	
ga+0(3-, 6)	Sheatther too'c rileg.
goto (90.0	
306 (9.0	Shalles to Tray's
	battanc rearry
	Patter (Pate), 1-3"
2010(4), (L	(1)= V
2010 (94.5)	-{ ballbk!"(a)"c)"
	be ((b)c)*(a)*-c)*3.92
2010 (92.6)	Eballobic Majte)
	ba((b)()*(a)*()* ba((b)()*(a)*()* ba((b)()*(a)*()*
90+0(9=,5	
30101 900	)= 93
90+0(93,6)	)- 0
30+0(92,0)	15 42
30+0(94,0	)=93
90to (94. b	,): 9u
90to (94.0	)= 94
THE PARTY OF THE P	

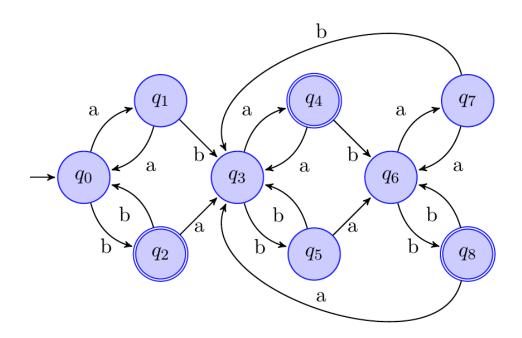
## Obtener el AFD Mediante elementos punteados para: (b(ab)+a)?((a)+b|(b)+)?

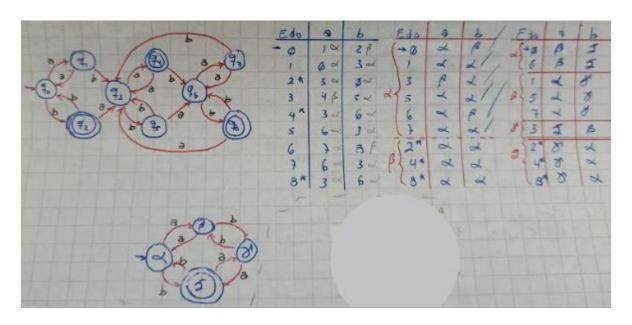
(b(ab)*a)/((a)*b)(b))7
Coronea - Cacasta) (Castallars)
* { (* Afo h) * a) ? ((a) * Aka) * } } (b(ab) * a) ? ((* a) * b * (b) * ) } (b(ab) * a) ? ((a) * b * b) * } (b(ab) * a) ? ((a) * b) ? ) ? * } * 9 a
25th (3. a) + ((b(ab)*a) ((a)*b)(b)*)? (b(ab)*a) 2((a)*b)(b)*)? ) - 3.
3010(7b)-1(b(-ab)ta)!((a)tb(b)t)? Sh(ab)ta)?((a)tb((b)t)? (b(ab)ta)?((a)tb((b)t)?-7-92
30-1691. 2)191
go-6(9, L)={(b(eb)-a)?((e)+b((b)+)?-}=9,
80+0(9a, a) · {(b(a+b)+a)?((a)+b(b)+)?} · 9.
20-6(9, b) {(Heb)ta)?((a)tb((b)t)? - 19s
9010(8/3 b))= 0 9010(90,0)= 0
90+0(94.6)=8(b(-a) )+a)?((a)+b(b)+)? (b(ab)+-a)?((a)+b(b)+)??
Boto(92 0)= P 30+0(95,6)=95
900(900)-3(b(a-b)+a)?((a)+b(b)+)?-+-9, (b(ab)+a)?((a)+b(b)+)?-+-9,
90+0(90.6)- (9

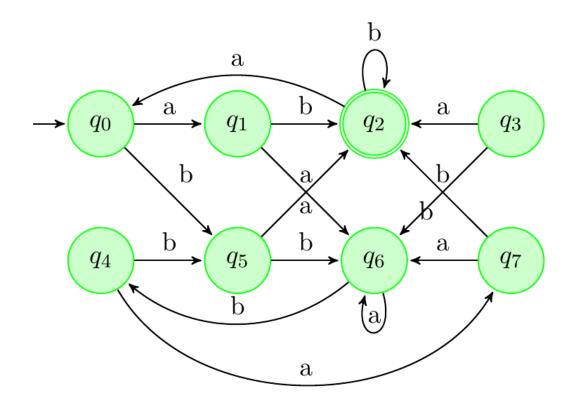
# Minimización

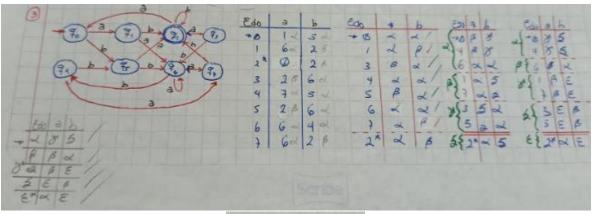




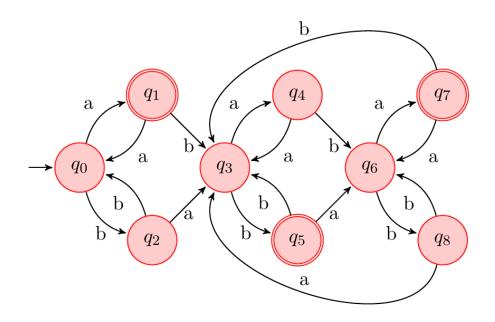


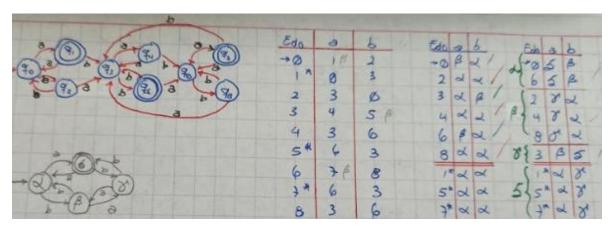






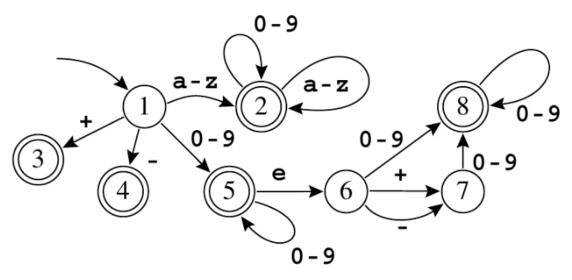




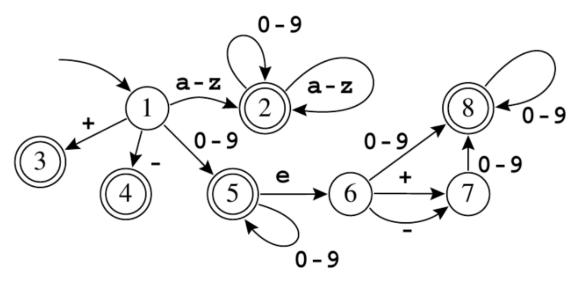


## Análisis Léxico

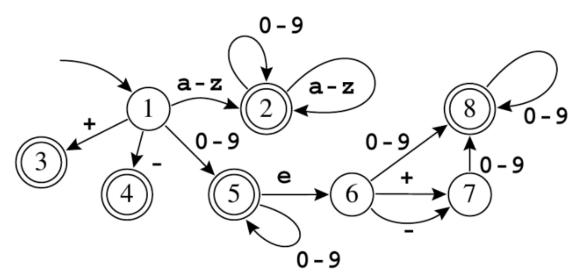
Usando el AFD de la figura hacer el análisis de la cadena "ab09d"



Edo	tu	+-	-0	42			1	Acción 17 H DOR						
Actua							Ace							
1	3	b	0	9	9	\$	be-	piz	caracter					
. 2		6	0	9	d	5		14						
2			0	9	0	\$		11						
2				9	d	\$		11						
2 1						\$	14	"						
2						\$	rata		Touen (10.0609d)					
0		T.	1			7	reform	nor 7	oran (FIN)					



EDO	10	nt	rac	12			1 50					Acción
1	a	9	C	1	+	L	3	e	-	4	\$	leer sig caracter
- 5		9	0	ш	+	1	3	9		4	\$	
2			0		4	1	3	6	4	4	\$	
2				11	+	L	3	0	-	4	\$	Detamar Torre (10,090)
3												Icer, Sie Commercia
3												no former Token (OP +)
- 11							13					les sig carecter
5		11							-			
7										4	1	
5							1			4		n 2
7		-					15				3	October Torce (num, 32-4)
8											_	The torner Token (FIN)
	- 1		-	200		1	100	1	-	18	ale ale	11-6-13 MOT



Edo	Entrad	à		1		100				Acción
11	9 e 1	0	U -	-	2	e	-	4	\$	Leen Sig Coracter
15	el	01	4 -	L	2	0	-	4	14	3 caracras
6	1									
8		01	1 -	Li	2	e		4	\$	
8		1	1 -	H	2	6	-	4	\$	Retornor Town (mm, 9010)
1		L	1 -	11	2	e	-	니	\$	Leer 50 consider
7			-	П	2	6	-	2)	\$	0-11
7.										Returner Tonon(OP; -)
										Lear 59 Corocter
5										9
6						0	-	4	\$	"
7							-	4	3	6
8								4	\$	n n
8										Retorner Tower (nom, 20-4)
									\$	Metornar Toner (FIN)

# **Expresiones Regulares**

Selecciona las expresiones regulares que generan los comentarios del lenguaje C

- ✓ "/\*" (~([])\* "\*/"
- /\*" [^\*/]\* "\*/"
- / "/\*" ( [^\*] | "\*" [^/] )\* "\*/"
- "/\*" (([^\*])\* ("\*")+ [^\*/])\* ( [^\*])\* ("\*")+ "/"
- "/\*"(("\*")\*[^\*/] | "/" )\* ("\*")+"/"