

CONSTRUCCIÓN DEL AUTOMATA LR(1) FUNCIONES CLOSURE1 Y PILOTO

Docente Juan Francisco Cardona Mc'Cormick

 $\begin{array}{c} {\rm Curso} \\ {\rm ST0270\text{-}031\ LENGUAJES\ FORMALES\ Y\ COMPILADORES} \end{array}$

Armando Ríos Gallego Juan Diego Mejía Vargas

1. Red de autómatas

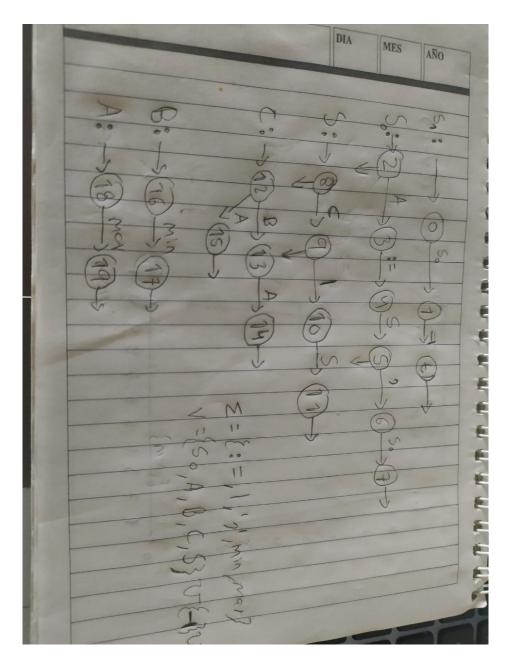


Figura 1: Red de autómatas

2. Cálculos de Macro Estados

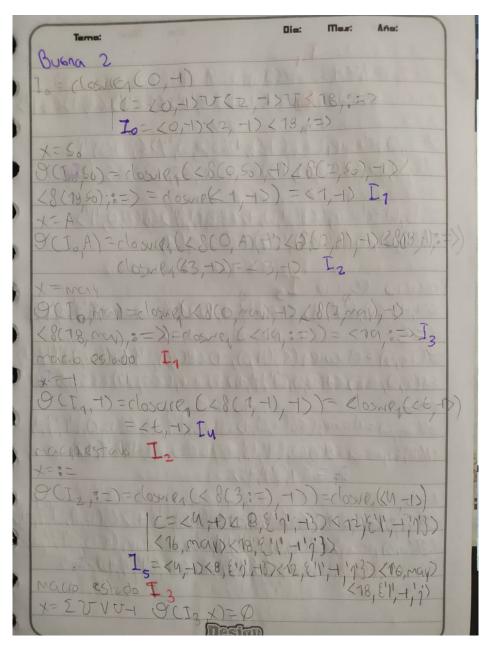


Figura 2: página 1

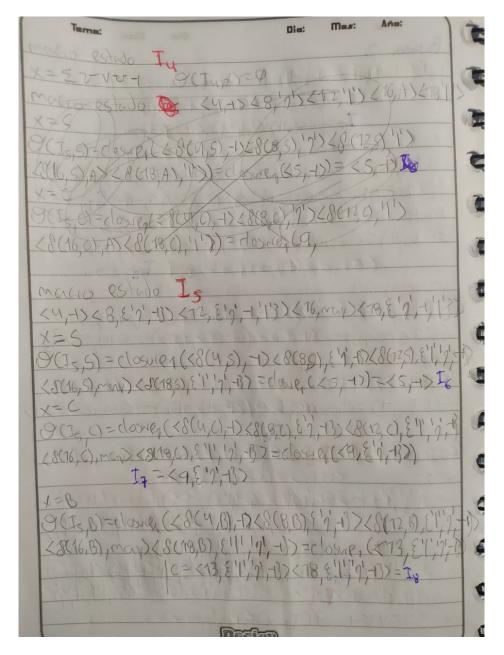


Figura 3: página 2

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2 (Is, A)=dosne, ((8(4,A),-1) (8(8A), E'1, B) ((012,A), E'1, 1/1))
<8(8/1), mgv) <8(18/1), £11, 17, -13)= Hoxie, (<75, £11, 17, -13)
                (-415 8 11 17 -13) Iq
9(Is, mn)=dosner (< 8(4)mn, +) (8(8, mn), E'n'+3(8(12, mn)) (11), +)
< 8(10, am) may) < 8(18, mm), (11, 10, +3 = dosing(277, may))
              (=217, may) I10
9 (15, may) = classe, (48(4may) -1) (8(8, may), 8'1', -13)
< S(16, max) max) < D(18, max), E11 17-132 = closur, (<101, 8
           (1- (= < 79, E1) 17, +3> I11
Macro estado I6 (5, 1)
Q(I, 1)=dosne (8(5/1), -1)=dosne (66,-1)
               (= (6,+) < 2,+) I12(18,:=)
            (=<10,8191,43748,8191,415<12,811,19,43)
            <16, mb/) <18, 811, 17, +3> I 13
JC18 A) 700 SHELL & COMAN & 11 1/2 1/3 (8018, A) 81/17/47)
           going ( <14, 81/11, 43)) = <14, 81/17, +32 Ing
                        Design
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Figura 4: página 3

	Terne: Die: Mes: Ano:
	X=man
0	9 (18, may) = slavie (48(13, may), 81/1/2+13) × 8618, may) 1/1/1/1/1/2
	= <19 811111 -13) In Se (Epite
	Macio estado Iq 415, 8111111-13)
	X=2010-1 9079, x0
1-19	macio estado Ezo <17, mays
	X= EUVV-1 9(ID,X)=0
	macro estado In < 19,811,17,-13)
	X=EUVV-1 OCIMX)=0
	Macio estado 112 46, 1742, 18, 32)
	X=S0
	9(1,2,50)=closure (<8(6,50,-1) <8(2,50),-1) <8(8,50,=2)
	(losier(<7,-1))= (7,-1) I15
	X= A
	9(In, A)=down (8(G,A), 1) <8(2, A)-12<8(18, A),=>)
	(10s/4(<3,+))=<3,+) Iz so copite
	XEMON
	JUIN way) = david (5866, m) + 1/8(2, m) + 1/8(18, may) (3)
	(O)(0)((1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1
	(macio 25000 to (10, 27) -13) < 8, 6, 1, 10 < 12, 6, 1, 10 +2
	(16, 104) (18, (11, 11, -1)
	N(1 ()-1 a/class (1) a
	(0(4)) (1) (1) (1) (1) (1) (1) (1) (1) (1) (
	10 10 10 10 10 10 10 10 10 10 10 10 10 1
-	(= 11)(-15) 146
	9(In A)=(06119 (<8(6A)-1) <8(2A)-1) <8(18,A)=>) (106119 (<3, +))=<3, +) In Se (00018) X=man (20110, man)=doung (<8(6, +)) -1><8(18, man)=>) (00119 (<10, =>)=<10;=> In Se (00018) (10, man) <18, (11, 17, +) X=S 9(In S)=doung(<8(10, S)=1, +1) ×8(3, 1, 1) +1) ×8(18, man)=1, +1) (3(16, 5), man) <3(18, 5), (11, 11, 11)=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, 11))=(100119, (<11, (11, (11, 11))=(100119, (<11, (11, (11, 11))=(100119, (<11, (11, (11, (11, (11, (11, (11, (1

Figura 5: página 4

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Mes:
       Tema:
9(1,3,C)=dove,(8(10,0), E'7', +1)) (8(8,0, E'1), +3) (8(12), E'1), 1)
 X=C
 (3(16,0), mg/) (5(18,0), ("1"/1"/-13)=dovie, (ca)(12"/-13))
                (= <9, 817, -13) I7 56 16pite
 V=B
 9(73,B)=closue(8(10,B), E'7',-13) < 8(8,B), E'7', -13) < 8(92,B), E'11', 13'-13)
< 8(16, B), mgv >< 8(18, B), E'11', 17', +3) = closury (<13, E'1', 17', +13)

(-<13, E'1', 17', +13) <18, E'1', 17', -13) I8 58 (60: +8)
 X=A
O(B, A) = dosug(38(10, A), (1), -B) (8(8, A), (1), -17) > (8(12, A), (1), 17-10)
(3(16, A), may) (8(18, A), (11, 12, 13))= closur, ((15, 6, 1, 1, 1, 1))
                (= <15, 8'1' 17, +3) Iq se sepste
9(In, min)=closing (<8(10, min), E'1', +3) <8(8, min), E'1', +3) <8(12, min), E'1' 12, +3)
<8(16, min) may> <8(18, min), {11/17/, +3) = closure, (<17, mays)
                  (= <17, may) Igo se repite
9(1,2 may) = (losing (< 8(10, may), E') +3) (3(8, may) E') + t) Xd(12, may) [1]
(8(16, may) (8(18, may), E'11, 77, -13))-closure, (< 79, E'11, 71, -13) [11 se sep: te
Macio estado I14 (14, (11/1/43)
X=EUVUH OCLIMX)=Q
Macro estado I 15 (7,1)
x=2000-1 9(]15)X)=0
                              Design
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Figura 6: página 5

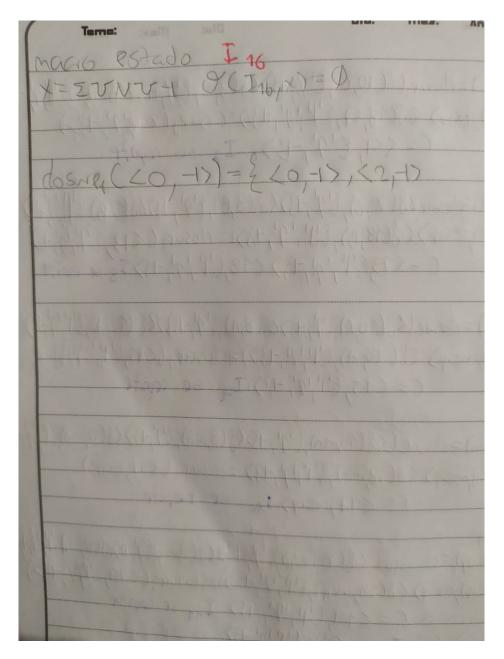


Figura 7: página 6

3. Piloto

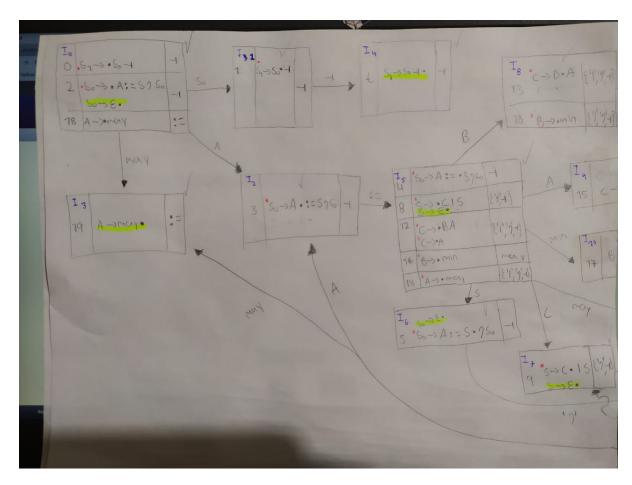


Figura 8: Parte 1

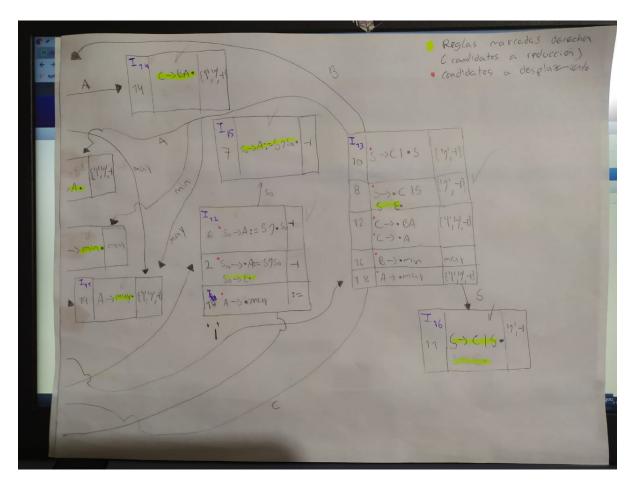


Figura 9: Parte 2



Figura 10: Parte Completa