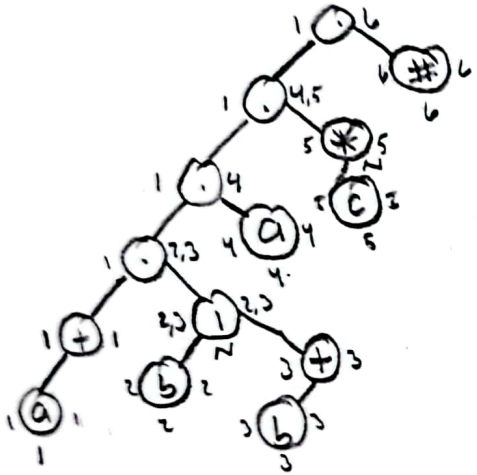
Roberto Alfredo Moya Noack - 1273020

Solve I

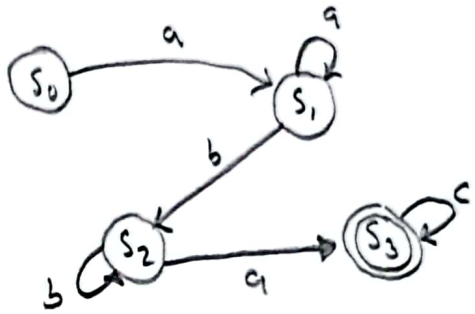
a+b|b + a·c*#



a.)

Simbolos	Follow
1	1,2,3
2	4
3	3,4
4	5,6
5	5,6
6	—

b.)



b.)

Tabla de transiciones	a	b	c
$S_0 = \{1, .\}$	1,2,3	∅	∅
$S_1 = \{1,2,3\}$	1,2,3	3,4	∅
$S_2 = \{3,4\}$	5,6	3,4	∅
$S_3 = \{5,6\}$	∅	∅	5,6

c) 1.) aba

2.) abba

3.) abbaccc

d.) 1.) abbaac

2.) abbaaac

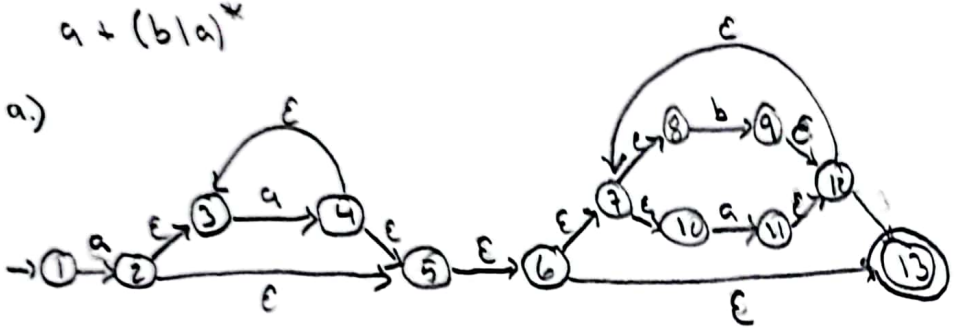
3.) aabaaaaaccc

Roberto Alfredo Maya Noack
1273020

Serie II

a + (b|a)*

a.)



b.)

e-cl(1) = {1} = S

S(S, a) = {2}

(S, b) = ∅

e-cl(2) = {3, 5, 6, 7, 8, 10, 13} = B

(B, a) = {4, 11}

(B, b) = {9}

e-cl = {4, 11} = {3, 4, 5, 6, 7, 8, 10, 11, 12, 13} = C

e-cl = {9} = {7, 8, 9, 10, 12, 13} = D

(C, a) = {4, 11}

(C, b) = {9}

(D, a) = {11}

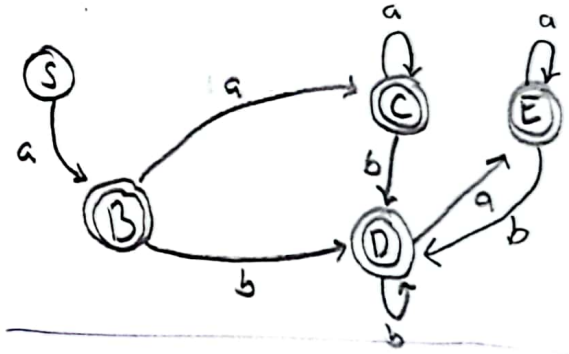
(D, b) = {9}

e-cl(11) = {7, 8, 10, 11, 12, 13} = E

(E, a) = {11}

(E, b) = {9}

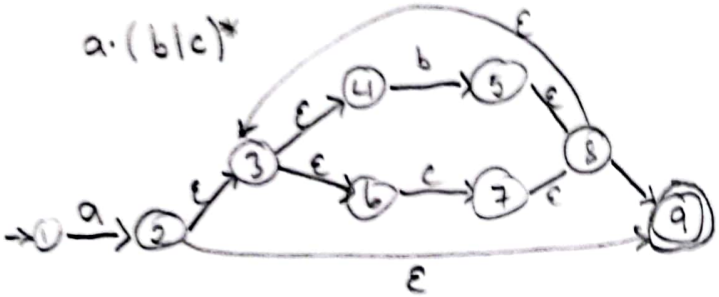
b.)



c.) 1.) a
2.) aa
3.) aba

d.) 1.) ba
2.) bba
3.) baa

Roberto Alfredo Muya Nuck
1273020
Serie III



e-cl(1) = {1} = S

(S,a) = {2}
(S,b) = ∅
(S,c) = ∅

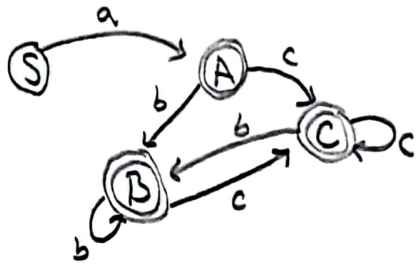
e-cl(2) = {2,3,4,6,9} = A

(A,a) = ∅
(A,b) = {5}
(A,c) = {7}

e-cl(5) = {3,4,5,6,8,9} = B
e-cl(7) = {3,4,6,7,8,9} = C

(B,a) = {∅}
(B,b) = {5}
(B,c) = {7}

(C,a) = {∅}
(C,b) = {5}
(C,c) = {7}



CamScanner