

1. $(a^*|b^*)c$

AFN:

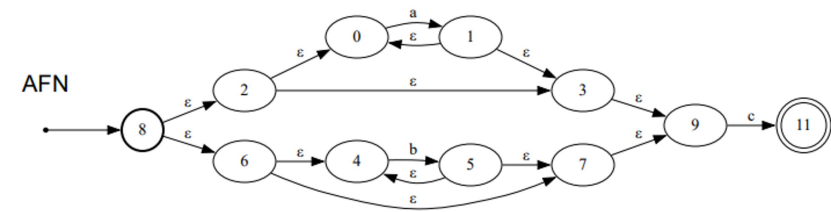


Tabla transiciones AFN:

Estado	ε	a	b	c
0	-	[1]	-	-
1	[0, 3]	-	-	-
2	[0, 3]	-	-	-
3	[9]	-	-	-
4	-	-	[5]	-
5	[4, 7]	-	-	-
6	[4, 7]	-	-	-
7	[9]	-	-	-
8	[2, 6]	-	-	-
9	-	-	-	[11]
11	-	-	-	-

AFD:

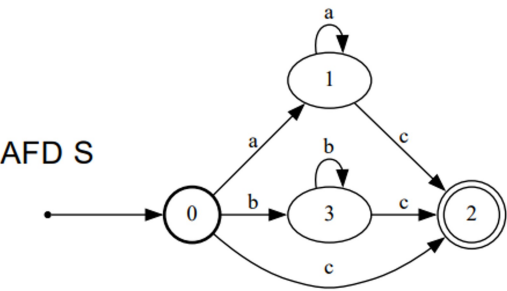


Tabla Transiciones AFD:

Estado	a	b	c
0	[1]	[3]	[2]
1	[1]	-	[2]
2	-	-	-
3	-	[3]	[2]

2. $(b|b)^*abb(a|b)^*$

AFN:

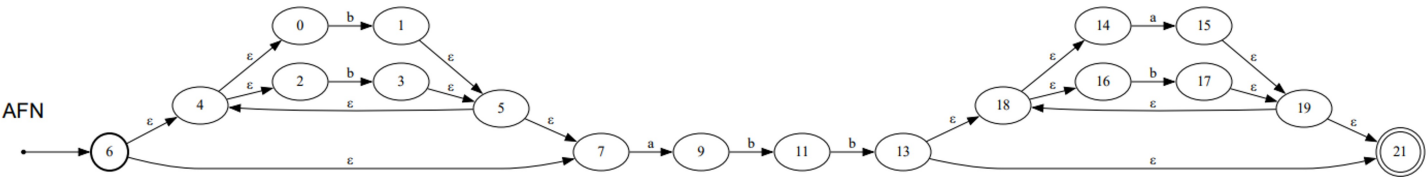


Tabla de transiciones AFN:

Estado	ϵ	b	a
0	-	[1]	-
1	[5]	-	-
2	-	[3]	-
3	[5]	-	-
4	[0, 2]	-	-
5	[4, 7]	-	-
6	[4, 7]	-	-
7	-	-	[9]
9	-	[11]	-
11	-	[13]	-
13	[18, 21]	-	-
14	-	-	[15]
15	[19]	-	-
16	-	[17]	-
17	[19]	-	-
18	[14, 16]	-	-
19	[18, 21]	-	-
21	-	-	-

AFD:

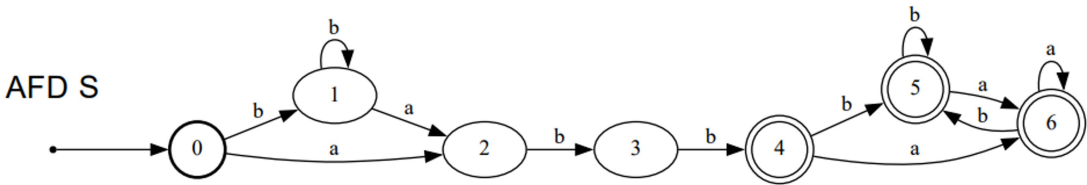


Tabla de transiciones AFD:

Estado	b	a
0	[1]	[2]
1	[1]	[2]
2	[3]	-
3	[4]	-
4	[5]	[6]
5	[5]	[6]
6	[5]	[6]

3. $(a|\epsilon)b(a^+)c?$

AFN:

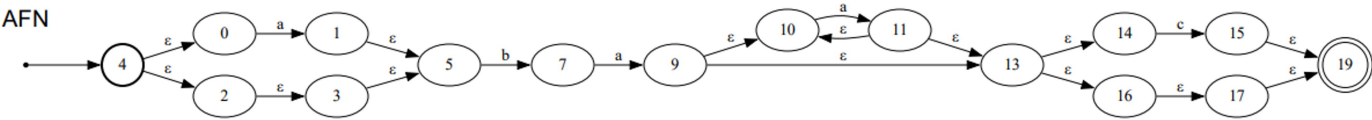


Tabla de transiciones AFN:

Estado	ϵ	a	b	c
0	-	[1]	-	-
1	[5]	-	-	-
2	[3]	-	-	-
3	[5]	-	-	-
4	[0, 2]	-	-	-
5	-	-	[7]	-
7	-	[9]	-	-
9	[10, 13]	-	-	-
10	-	[11]	-	-
11	[10, 13]	-	-	-
13	[14, 16]	-	-	-
14	-	-	-	[15]
15	[19]	-	-	-
16	[17]	-	-	-
17	[19]	-	-	-
19	-	-	-	-

AFD:

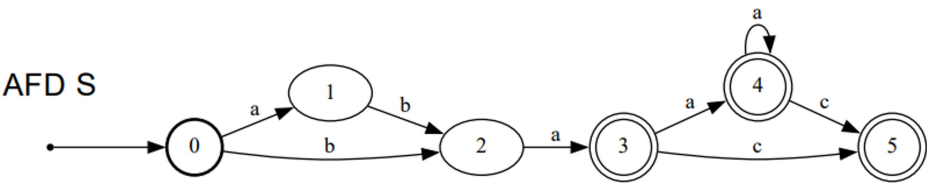


Tabla de transiciones AFD:

Estado	a	b	c
0	[1]	[2]	-
1	-	[2]	-
2	[3]	-	-
3	[4]	-	[5]
4	[4]	-	[5]
5	-	-	-

4. $(a|b)^*a(a|b)(a|b)$

AFN:

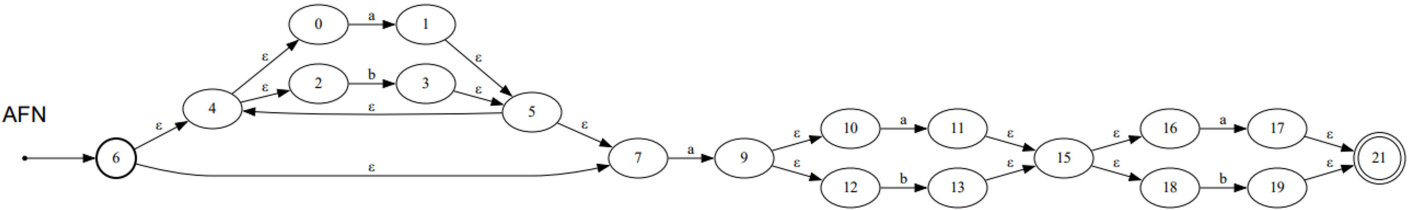


Tabla de transiciones AFN:

Estado	ε	a	b
0	-	[1]	-
1	[5]	-	-
2	-	-	[3]
3	[5]	-	-
4	[0, 2]	-	-
5	[4, 7]	-	-
6	[4, 7]	-	-
7	-	[9]	-
9	[10, 12]	-	-
10	-	[11]	-
11	[15]	-	-
12	-	-	[13]
13	[15]	-	-
15	[16, 18]	-	-
16	-	[17]	-
17	[21]	-	-
18	-	-	[19]
19	[21]	-	-
21	-	-	-

AFD:

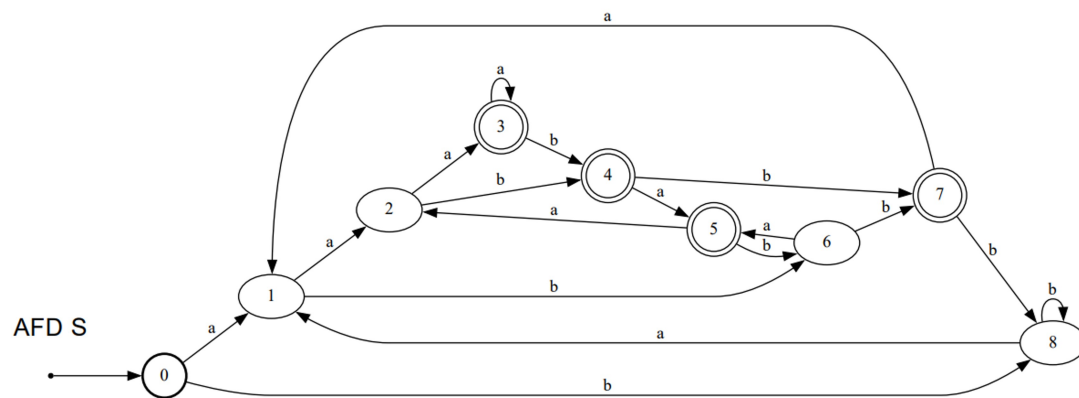


Tabla de transiciones AFD:

Estado	a	b
0	[1] [8]	
1	[2] [6]	
2	[3] [4]	
3	[3] [4]	
4	[5] [7]	
5	[2] [6]	
6	[5] [7]	
7	[1] [8]	
8	[1] [8]	