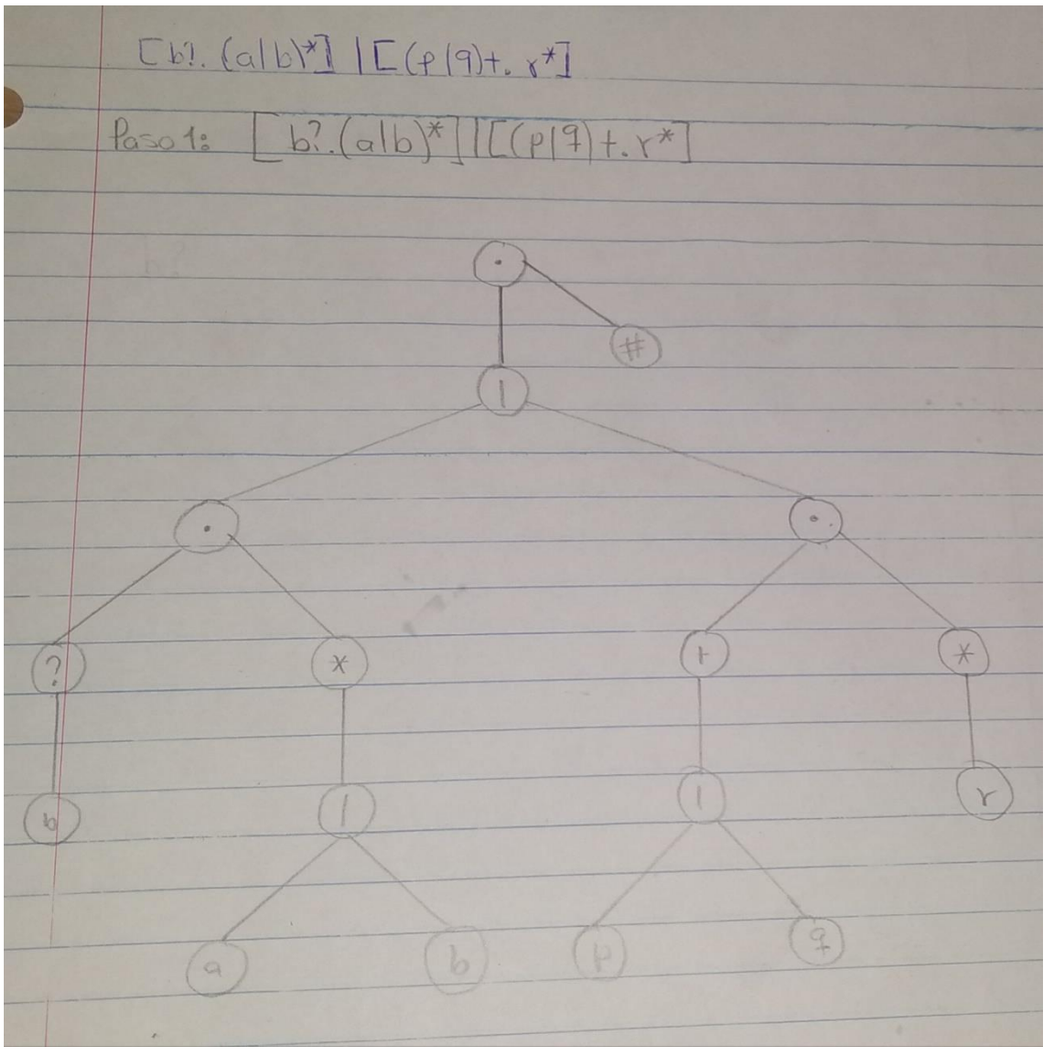
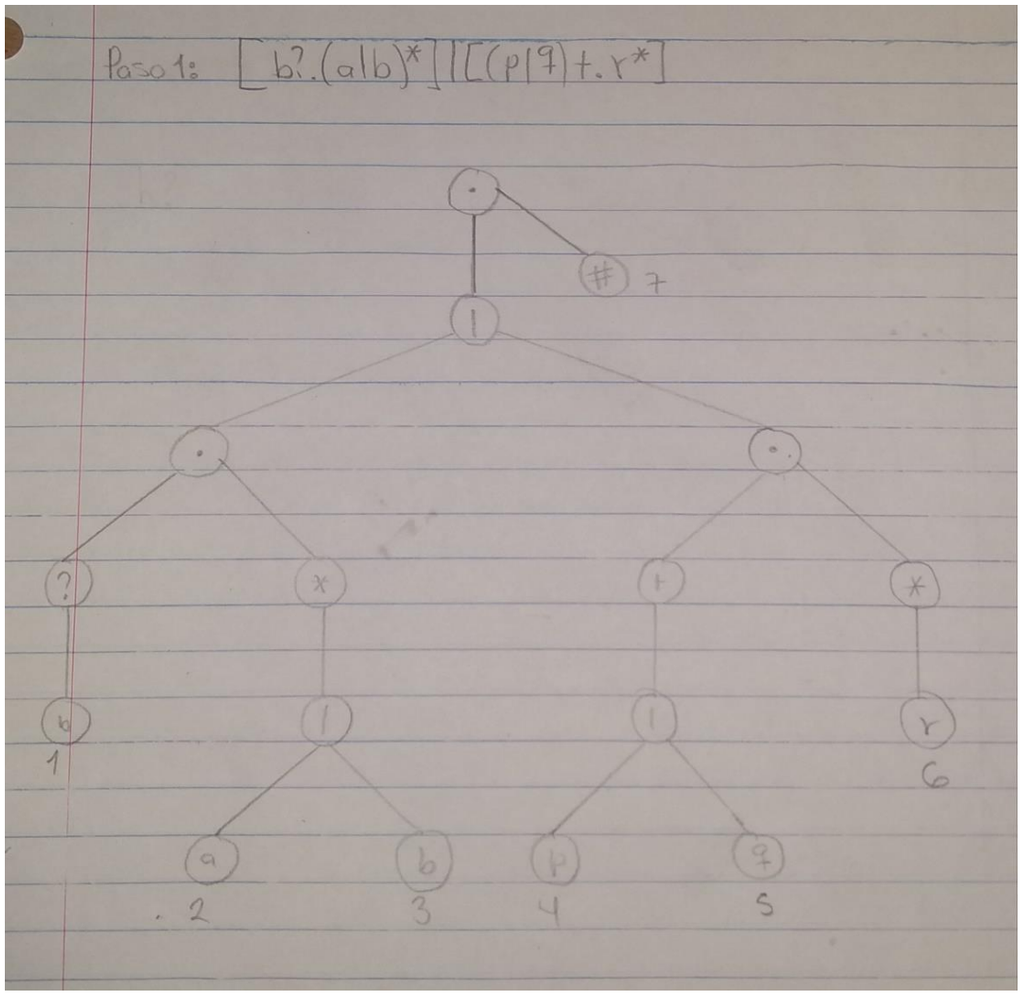
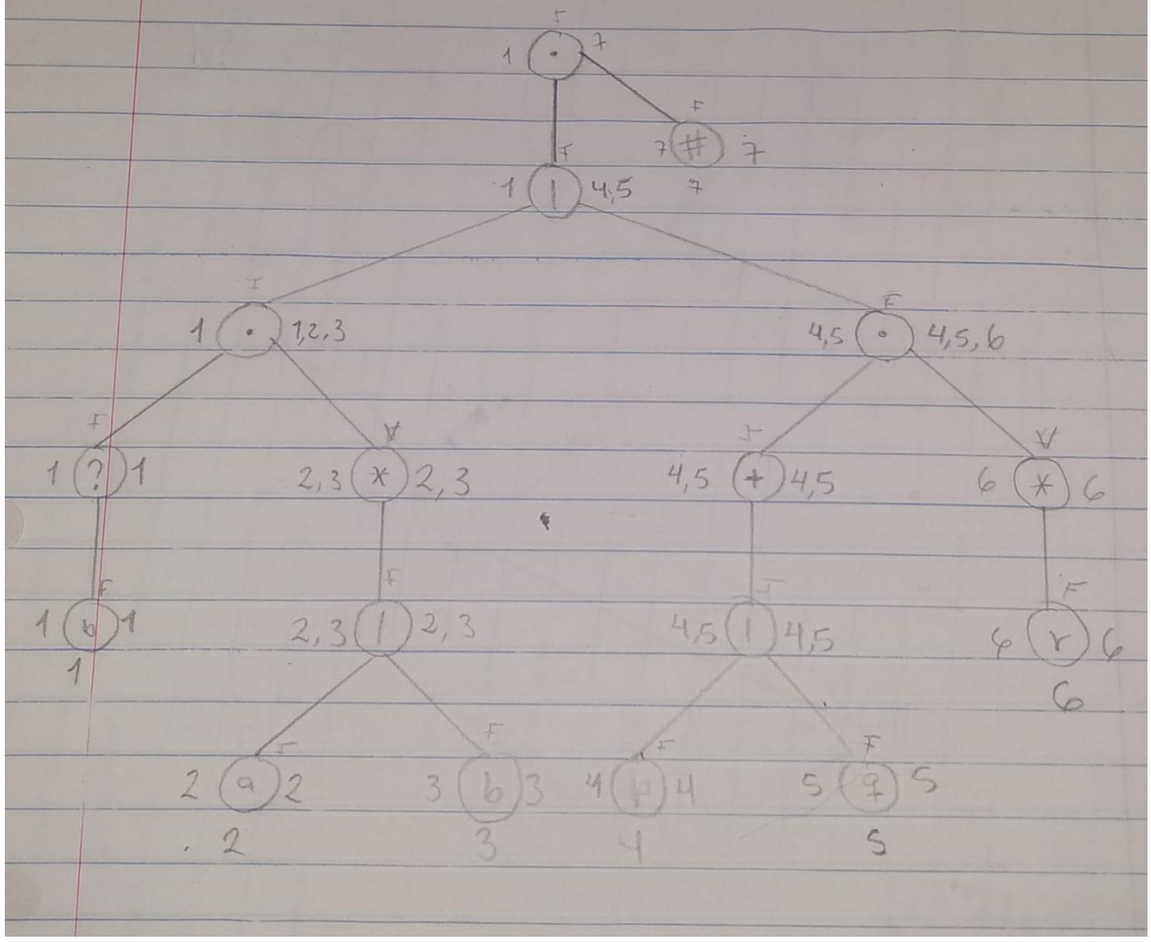
Dada la siguiente expresión regular: [b?.(a|b)*] | [(p|q)+. r*]





Paso 1: [b?.(a|b)*][(p|q)+.r*]



i	Siguente (i)
1	2,3, 4,
2	2,3
3	2,3
4	6, 7.
5	6, 7
6	6
7	H.

$S_0 = 1$

- $Sig(b) = Sig(1) = 2,3 \rightarrow (S_1)$
- $Sig(a) = Sig(2) = 2,3 \rightarrow (S_1)$
- $Sig(p) = Sig(4) = 6,7 \rightarrow (S_2)$
- $Sig(7) = Sig(5) = 6,7 \rightarrow (S_2)$
- $Sig(Y) = Sig(6) = 6 \rightarrow (S_3)$

(S_1)

- $Sig(S_1) = Sig(2) = 2,3 = [S_1]$
- $Sig(S_1) = Sig(3) = 2,3 = [S_1]$

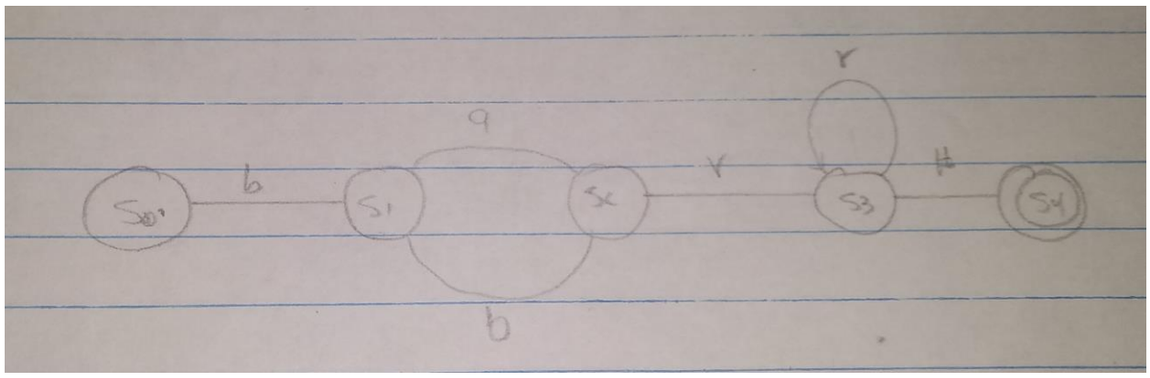
(S_2)

$\rightarrow Sig((6) = 6 \; [S_3]$

$\rightarrow Sig(7) = 7 \; (S_4)$

(S_3)

$Sig(6) = 6 = [S_3]$


r
q
b
r
#
b