

Ricardo Vigliano - Expressões Regulares

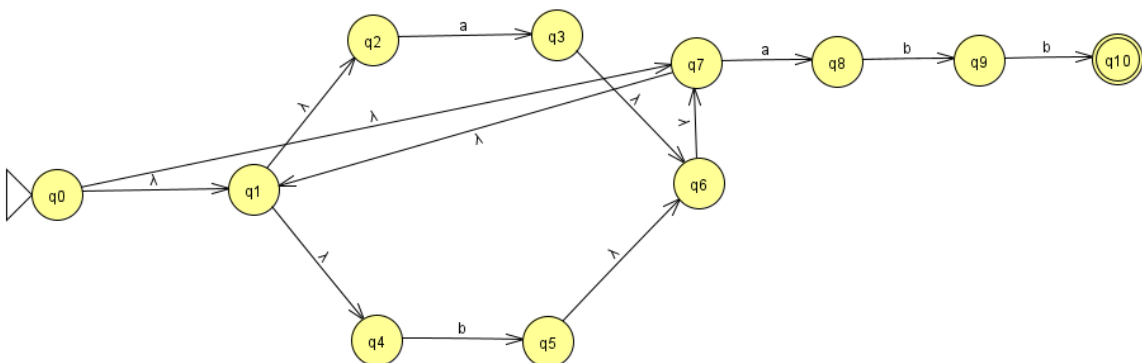
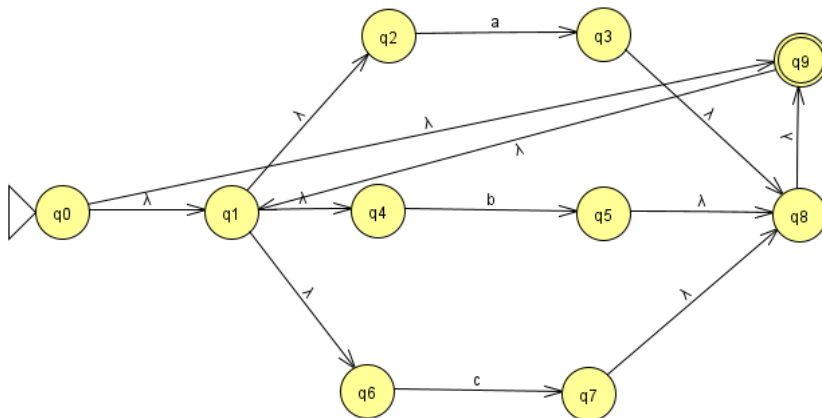
1.

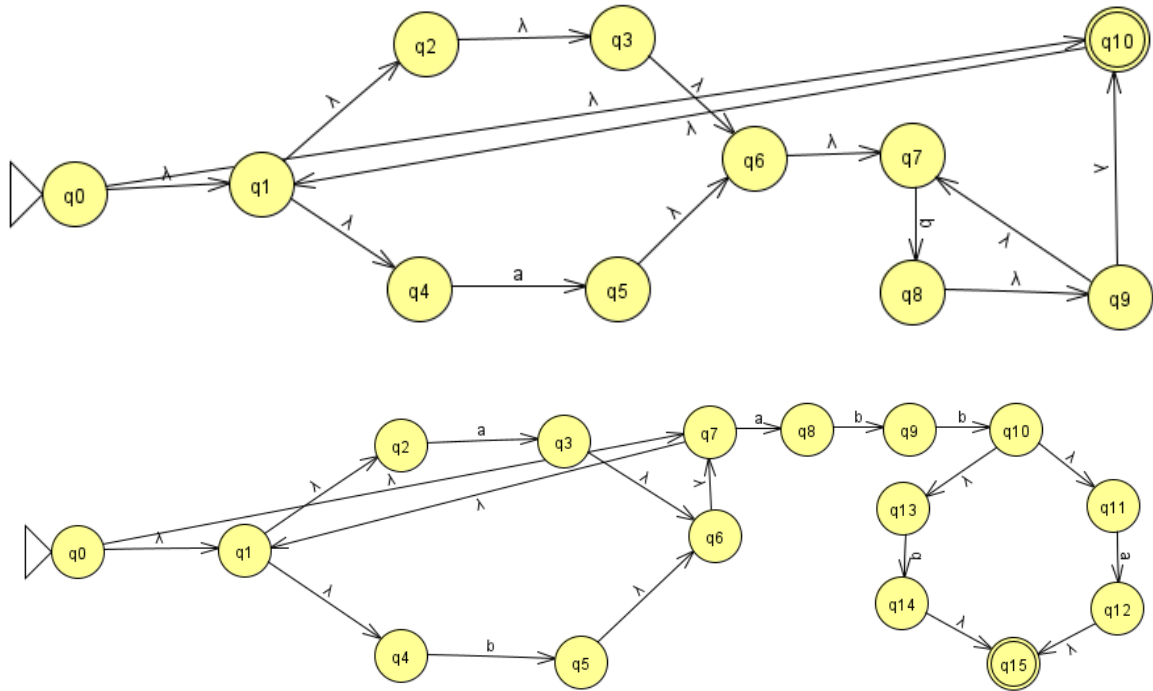
- $10^* + 0$
- $(01 + 11^*) + \Sigma^* + (0 + 1)$
- $(\Sigma^* + 10) + (\Sigma^* + 10) + (\Sigma^* + 10) + (\Sigma^* + 10) + (\Sigma^* + 10)$
- $(1(0+1)^*) + (\Sigma^* + 10)$

2.

- $\{w \mid w \text{ 001 necessariamente pertencente a cadeia}\}$
- $\{w \mid w \text{ 0s sempre seguidos de 1}\}$
- $\{00, 11\}$
- $\{w \mid w \text{ mesmo símbolo no início e final de cada cadeia}\}$

3.





4.

- aabcc (A) / abcabc (A) / abbfc (R) / abcxxbc (R)
- aaabb (A) / ababaabb (A) / babaa (R) / babbaba (R)
- bb (A) / ab (A) / aabaaa (R) / aaaab (R)
- aababbabbb (A) / bbbabaabbb (A) / abbabaaba (R) / aabbabaaba (R)