

Exercises for FLL, Fall 2017, sheet 2

Return Thu Oct 5, in class

Exercise 1. Design an ϵ -NFA that accepts the language denoted by $((\epsilon+a)bb)^*a^*$. Represent your automaton by a transition diagram.

Exercise 2. Give a regular expression for the language accepted by the ϵ -NFA shown below. Use the procedure of state elimination described in the proof of Proposition 3.3 in the LN. Depict the interim generalized NFA that you obtain after deleting state 2.

