CSCI-2400 Models of Computation

Homework 4

Submission

Submit your individual solution at the beginning of the class on Tuesday, October 30.

Problems

1. Find a NPDA that accepts $L = \{a^n b^{2n} : n \geq 0\}$.
2. Find a NPDA that accepts $L = \{w\sigma w^R : w \in \{a,b\}^*, \sigma \in \{a,b\}\}$
3. Problem 5 one page 194
4. Problem 2 on page 199.
5. Problem 17 on page 220.

Good luck!