

Logic and Computation II, Spring 2023

Homework No.14

Name:

Problem 1

Let $\Omega = \{a, b\}$.

- (1) Construct a PTA M_1 that accepts Ω -labeled trees in which a appears finitely in each path.
- (2) Construct a PTA M_2 that accepts Ω -labeled trees in which a appears infinitely many times only in one path.

Solution: