CSCI 341 Problem Set 4

The Algebra of Regular Expressions; Kleene's Theorem; Silent Transitions

Due Friday, September 26

Don't forget to check the webspace for hints and additional context for each problem!

Pumping Lengths

Problem 1 (NOT THE Bs)**.** Show that the following language is not regular.

$$L = \{a^n b^m \mid n \in \mathbb{N} \text{ and } n > m\}$$

Solution. □