

CSE625: Introduction to Formal Languages – Homework 1

Due: April 10, 2009 (Friday) in class. NO LATE homework is accepted.

Note: The TA might only grade a subset of the homeworks.

Textbook:

- Ex. 1.38 (5 pts),
- Ex. 1.39– Ex. 1.41 (10 pts each),
- Ex. 1.47 (16 pts),
- Ex. 1.71 (10 pts),
- Ex. 2.22 (10 pts Hint: To show $L^+ \subseteq L$, it is enough to show that $L^n \subseteq L$ for any $n > 1$. Now, use Induction to show that $L^n \subseteq L$ for any $n > 1$.)