

Homework 03 grading guidelines

1. a. 10 points
b. 10 points
-1 point for each mislabeled transition. 0 points if incorrect.
2. a. 10 points
b. 10 points
-1 point for each mislabeled transition. 0 points if incorrect.
3. a. 10 points
b. 10 points
Proof has to be correct, with pumping lemma. If the conclusion is missing, -1 point.
4. a. 10 points
b. 10 points
Proof has to be correct, with pumping lemma. If the conclusion is missing, -1 point.
5. a. 10 points
b. 10 points
Proof has to be correct, with pumping lemma. If the conclusion is missing, -1 point.
6. c. 3 points
e. 4 points
f. 3 points
g. 3 points
i. 4 points
j. 3 points
You lose points if you say Pumping length = 0 for c. and i.
7. 5 points for proving that the subset of a regular language need not be regular.
5 points for proving A-B is regular.
5 points for proving B need not be regular
5 points for proving B need not be regular