

CS250 Lab 18 – Computational Complexity

Objectives: In this lab you will learn how to

- analyze properties of the classes P and NP

Assignment 1:

Explain why all regular languages are in P

Assignment 2:

The class of languages co-NP contains all languages whose complement is in NP. Explain why if NP is not equal to co-NP then it must be the case that P is not equal to NP.

Assignment 3:

Complete exercise #4 on p375.

Submit your files in goucherLearn for grading.