

CS 331: Algorithms and Complexity (Spring 2024)
Unique Number: 50930, 50935 50940, 50945

Assignment 6 - Solution

Due on Tuesday, 19 March, by 11.59pm

Problem 1

(10 points) State whether the following are true or false. Justify if true. If false, give a counter-example.

- a) **(1 point)**
- b) **(2 point)**
- c) **(1 point)**
- d) **(2 points)**
- e) **(2 points)**
- f) **(2 points)**

Problem 2

(10 points)

Problem 3

(10 points)