Assignment 9

CAS CS 132: Geometric Algorithms

due Thursday, November 19 by 8:00PM

You'll submit your solutions via Gradescope as a single PDF file. They must be hand-written and exceptionally neat, and the final answer to each problem must be clear, e.g., surrounded in a box. You must cite your sources per the instructions in the course manual.

You're required to submit solutions to every problem in this assignment to receive full credit, but we will only provide detailed feedback on **bolded** problems. The assignment is graded on participation so we ask that you *try every bolded problem with as few external aids as possible.* You should think of these problems as simulated quizzes or exams. *You won't be penalized for mistakes*, so it's in your interest to do these problems to the best of your ability on your own; the detailed feedback we provide will generally be more useful (for you and for us) if what you submit is your own work.

The following problems are taken from the workbook **Problems and Exercises** v1.2.

Basic Exercises: 10.2, 10.3, 10.10, 10.13, **10.17**, 11.3, 11.5

True/False: 10.19, 10.22, 10.28, 10.32, **11.11**, 11.12

More Difficult Problems: 10.38, 10.39, **10.42**, 10.46, **11.17**

Challenge Problems (Optional): 10.57, 11.19