

22C : 196 Computational Geometry Homework 5

The exercise numbers correspond to the electronic version of the text available from our library. Each problem is worth 1.5 points, for a total of 15 points. The earlier homeworks were worth 10 points each.

1. Exercise 6.1. A reminder that hand-drawn figure is definitely okay. I would also think that the figure is easier to draw if the order is well chosen.
2. Exercise 6.2
3. Exercise 6.3
4. Exercise 7.5
5. Exercise 7.6
6. Exercise 7.7
7. Exercise 7.11
8. Exercise 9.2
9. Exercise 9.3. Do this only for the case where the planar point set is the vertex set of a convex polygon. You may want to start by working out examples.
10. Exercise 9.13

The homework is to be turned in into the dropbox *Homework5* on ICON. I would prefer if you type in the text, but hand-drawn figures are okay. The homework is due by 11:59 pm on Tuesday April 23rd.

On the question of collaboration and seeking help, I recommend thinking about each problem for 15–30 minutes first (not counting time spent getting familiar with basic material covered in class). You may collaborate with classmates after that, but definitely avoid looking at completely written solutions of others. Explain the final solution in your own words, and do not turn in a solution that you don't understand.