Computational Geometry — Spring 2001 — Dan Halperin

Final Assignment (Theory) and Oral Exam

1 Final Assignment

You are required to write a paper on one of the following topics (as assigned to you). The paper should be no more than six pages long, and it will be judged on clarity, preciseness, and conciseness.
The list of topics (chapters refer to the textbook of the course by de Berg et. al):

- Delaunay triangulations (Chapter 9, from Section 9.3 on)
- 3D convex hulls (Chapter 11)
- Binary space partitions (Chapter 12)
- Robot motion planning (Chapter 13, up to and including Section 13.4)
- Visibility graphs (Chapter 15)
- Simplex range search (Chapter 16)

Submission date of the final assignment: **Tuesday, July 10th, 2001**.

2 Oral Exam

Oral exams will be held in the third week of July 2001, 15–19/7/2001. The material for the exam is the material covered in class together with your own final assignment. When you submit your final assignment make sure to fix a date for your oral exam.