Assignment #6

Suggested reading: Arora Barak Chapters 5-8, see website for suggested sections.

Collaboration Policy

You are allowed to collaborate with other people enrolled in this class. If you solved a particular problem in collaboration with somebody else, please mention the collaborator(s) name.

It is a violation of class rules to look at solutions to any of the problems from any other person or source, including online ones.

Problems:

1. Arora Barak 5.1

2. Arora Barak 6.3

3. Arora Barak 6.5

4. Arora Barak 7.5

5. Arora Barak 7.11 (partial credit will be given for each step, note that Arora Barak also contains hints to some of the steps)

6. Arora Barak 8.1

7. Arora Barak 8.4

8. Arora Barak 8.9