General Remarks for Final Exam

Date: Feb. 8th

Location: The D1 Rotunda, 3rd floor, MPI Building

Time:

- 40 minutes for each student
- The available time slots are 9:00AM – 5:00PM.
- Tell me your preferred time via email.

Remarks:

- You are not allowed to take any paper during the exam.
- All the questions in the exam are based on the lecture notes.
- There is a re-exam in March. The date is by appointment. Your final grade is the better one of two exams.

You should know:

1. Basic definitions
2. Proofs of important theorems and lemmas
3. Intuition behind the construction techniques

Possible questions:

- What is a Ramaujan graph? What is the definition of mixing time?
- How can you use hash functions to construct extractors?
- Explain the proof idea of UNSTCON $\in$ **L**.
- Prove some simple lemmas.
- I give you the notes of two or three lectures and ask you some details.
- ......