

## Class 21: Review

### Exam 2

Exam 2 will be in class on Thursday, 9 Nov. Make sure to go over the notes about the exam posted in Class 20.

### The reviewed topics.

Today we review the topics that we learned after exam 1 with the exception of number theory. Therefore, it will be the following topics.

- State Machine and how to argue about correctness of programs.
- Recursive Definitions and how to prove statements about them using structural induction.
- Infinite Sets and Cardinalities, and how to show sets are finite, infinite, countable, or uncountable.