

Mathematical Theory of Probability(640:477:03)
Fall 2013
Assignment 1 ¹

- Be sure to read and follow the homework requirements given on the course web page, especially the information about homework format, the samples of acceptable homework solutions, and the policy on collaboration and academic integrity.
- Problems are taken from the NINTH edition of the course text “A first course in probability”. (Note: All starred problems below have the same number in the EIGHTH and NINTH edition.)
- Note that problems in the book are classified into three groups “Problems”, “Theoretical exercises” and “Self-test problems and exercises”.
- Problems to be handed in and graded are marked with an asterisk (*). You should do the other problems, but not hand them in.
- Assigned “Problems”: **Chapter 3:** 3.2, 3.4*, 3.5, 3.6, 3.11*, 3.12, 3.13, 3.15*, 3.18, 3.22, 3.28, 3.40*, 3.42, 3.47*
- Assigned “Theoretical exercises”. **Chapter 3:** 3.4*, 3.5,

¹Version: 9/18/13