

Mathematical Theory of Probability(640:477:03)
Fall 2013
Assignment 3 ¹

- The homework requirements given on the course web page have been revised to **add the requirement of a cover page** in a certain format, to help ensure that the grader grades all of your work. Please read this and follow it.
- 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 2:** 2.40, 2.52*, 2.56 **Chapter 3** 3.7, 3.8, 3.23*, 3.24, 3.32*, 3.33, 3.37, 3.41, 3.51, 3.70, 3.78*
- Assigned “Theoretical exercises”. **Chapter 3:** 3.9, 3.13*

¹Version: 9/25/13