Probability and Stochastic Processes

The most important questions of life are, for the most part, really only problems of probability.

-- Pierre Simon Laplace

张琳

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Evaluation:

1. A comprehensive final exam	60%
2. Attendance	10%
3. Homework	10%
4. Midterm	20%

^{*} Homework needs to provide all intermediate steps and works for deriving your answers.

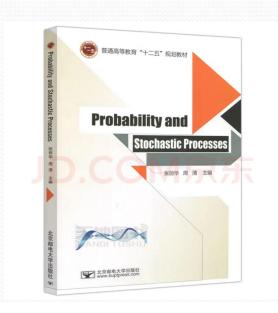
^{*} Submit homework every Sunday, 23:59

Mid-term Policies:

- 1. Discuss a topic or simulate a topic by a software.
- 2. Write it Yourself with today's world of technology, there are too many ways that offer to write term papers for you. This definitely is a bad idea, and it is easily be found out that you didn't really write it.
- 3. Need to be printed in A4 format with 1.5 line spacing.
- 4. At least five pages.
- 5. Work out by group or self. No more than 4 members in one group.

Textbook:

1. Probability and Stochastic Processes, 张丽华,周清, 北京邮电大学出版社



References (Chinese):

1. 盛骤、谢式千、潘承毅,概率论与数理统计(第五版), 浙大出版社



Events and Probability Random variable I Probability Random vector Random series 181 Definition Stationary processes Il Stochastic processes Markov chains Independent increment processes