



Announcements

Date

Name

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Announcements on March 5

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- 3/05:

- Axioms of Prob.
- CS & Probability
- Read MU 1.1 & 1.2

- 3/07:

- Conditional prob.
- Read MU 1.3

Announcements on March 7

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- We may change classrooms to 302-105 or 409
- Supp. Classes will on Fridays at 7:00PM
 - Tentatively on 4/13, 5/11, ~~5/18~~ → 5/25
- Post all materials online
- Schedule
 - 3/05: Introduction
 - Read MU 1.1 & 1.2
 - 3/07: Conditional probability
 - Read MU 1.3
 - 3/12: Bayes' Theorem
 - Read MU 1.3
- Exercises
 - Prove all lemmas that are introduced in the classes
 - Chapter 1: 1, 5, 6, 8, 10, 11, 13

Announcements on March 12

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- Are random methods always good?

→ No. In most cases, Deterministic methods are better than random methods

- Example

- Suppose an quiz with 10 Yes/No questions with five Yes and No correct answers
- Deterministic guess always selects “Yes” (or No)
- Random guess randomly selects “Yes” w/ prob. = 0.5
- Which one is better?
- Now, suppose the prob. of Yes is a correct answer is 0.8 and students know the fact
- Deterministic strategy: Always guess Yes
- Randomized strategy: Answer Yes with 0.8 probability
- Expected values of Deterministic and Randomized strategies are ??

- Applications

- Select one out of four
- Rock/Paper/Scissors game

Announcements on March 12

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- Schedule

- 3/07: Conditional probability
 - Read MU 1.3
- 3/12: Bayes' Theorem
 - Read Ross Chapter 1
- 3/14: Examples
 - Read Ross Chapter 1

Announcements on March 14

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- Grading

- Midterm – ~~30%~~ → 35%
- Final – 40%
- Quiz - ~~20%~~ → 15%
- Attendance – 10%

- Grade Distribution (Expected)

- A - 35%
- B - 35%
- C & D - 30%

- Important dates (tentative)

- Midterm Exam.: ~~April 18~~ → April 23
- Final Exam: June 11
- Quiz: ~~3/19, 4/04, 5/03, 5/23~~ → 3/21, 4/09, 5/16

Announcements on March 14

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● Schedule

- 3/12: Bayes' Theorem
 - Read Ross Chapter 1
- 3/14: Examples
 - Read Ross Chapter 1
- 3/19: Random Variables
 - Read MU 2.

지혜의숲

석경징 기증도서

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● Homework

- Ross Chapter 1
 - Problems 56, 10, 12, 18, 26, 33, 39, 42

● Will post revised note and announcements



Announcements on March 19

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● Schedule

- 3/14: Examples
 - Read Ross Chapter 1
- 3/19: Random Variables
 - Read MU 2.
- 3/21: Random Variables, Quiz
 - Read MU 2.