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# META

Markov Chains, Continuous Probability, Conditional Expectation

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## 1 General Comments

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- Gauge calculus understanding and do a calculus review if necessary, especially integration (differentials (i.e.  $dx$ )). A conceptual review would be nice.
- Highlight the analogs in discrete probability.
  - Problems 1,2, and 3 in 1.1 are good for this.
- Make sure they understand the difference and the relation between a PDF and a CDF.
- Problem 5 in 1.1 is a solid “test your students’ understanding” type question.
- Drawing out diagrams of the distributions might help.
  - Especially normal distributions.
- Try to cover the distributions part as much as possible, but adjust to your section.

## 2 Questions

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