MAS441 Lebesgue Integral Theory (Fall 2023), updated 2023.08.04

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Prerequisites: Analysis I, II

Textbook
- Real Analysis for Graduate Students Ver 4.3 by Richard F. Bass.
  The pdf file is available at https://bass.math.uconn.edu/real.html

Course description:
This course is devoted to studying measure theory and integration, which play essential roles in probability, differential equations, and other various fields. We will study Chapter $2 \sim 15$.

Grading Policy (A detailed plan will be announced)

- Attendance (5 %), Weekly Quiz (30 %), Midterm (30%), and Final (35%)