math-240-notes

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Math 240 Probability

This is a reading guide resource for students in my Math 240 Probability class taught at Carleton College (Northfield, MN). Our textbook is Wagaman (2021).

1 First principles of probability

First principles cover sections in chapter 1 of Wagaman (2021).

Day 1

- What to read: Read sections 1.1, 1.2, 1.3 and 1.4. Skim section 1.8 to see the generalization of property #3.
- Learning goals:

Day 2

Day 3

2 Thinking conditionally

Chapter 2 of Wagaman (2021) covers conditional probabilities and the concept of independence.

Make sure to review (**first-p?**) before this chapter.

References

Wagaman, & Dobrow, A. S. 2021. *Probability: With Applications and r*. 2nd ed. Wiley.