Math 32A - HW 4

October 20, 2025

1 Preamble

This is the fourth weekly problem set in Math 32A, it will be due by the end of the day (11:59 PM) Tuesday October 28, 2025 via gradescope.

2 Problems

The homework is to complete the following problems from *Calculus, 4th ed.* by Rogawski, Adams, and Franzosa.

1. Section 14.3: 4, 5, 6, 17, 23, 24, 32, 34.

2. Section 14.4: 4, 6, 8, 19, 22, 32, 42, 53.

2.1 Optional Problems

Below are some optional problems to test your ability to apply the material a bit beyond the contexts we've discussed in class. They will not be part of your grade, but you may find them interesting to think about.

1. Section 14.3: 41, 43

2. Section 14.4: 86, 90, 91.