

## Homework 9

**Due date:** November 13

- (1) Exercise 13 on page 178.
- (2) Explain in your own words the passage from Newton on page 194.
- (3) Explain in your own words the deduction for  $\frac{dy}{dx} = f(x)$  and how it connects with Newton's citation and the figure 4 on page 195.