
MATH 230B

Name: Quin Darcy
Instructor: Dr. Domokos

Due Date: #/#/#
Assignment: Homework 2

5.1 Let $f, g : [a, b] \rightarrow \mathbb{R}$ be bounded functions.

- (1) Show that if f is Riemann integrable and $f(x) = g(x)$ for every $x \in [a, b]$ except finitely many points, then g is Riemann integrable and $\int_a^b f(x)dx = \int_a^b g(x)dx$.

Proof.

□