

# Homework 6

Due March 7

All problems are from the textbook *Differential Equations with Boundary Value Problems, Second Edition* by Polking, Boggess and Arnold. Please abide by the following rules:

- Write your name and ID number at the top of the first page.
- Staple your pages.
- Box or circle your answers for each problem.
- You can collaborate on the homework, but the final version must be written in your own words. Copying the solutions of others is **strictly forbidden**.

**Section 9.1:** 14.

**Section 9.2:** 4, 17, 29, 34.

**Section 9.3:** 14, 18.