Homework 7

Due October 26

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.

- 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 8.5: 8, 14.

Section 9.1: 14.

Section 9.2: 4, 17, 29, 34.