

AM 33: Homework # 1

Due date: Sept 17 for students in section 1 (E) and Sept 18 for students in section 2 (J).

The book we refer to is Boyce & DiPrima, *Elementary Differential Equations and Boundary Value Problems* (7th Edition).

- Find the general solution to the problems (Section 2.1) 1, 4, 8.
- Find the solution to the initial value problems (Section 2.1) 13, 16, 20.
- Solve problems (Section 2.1) 28, 30.
- Find general solutions for problems (Section 2.2) 3, 6.