

## Homework Assignment for Jan. 10 - Jan. 19, week 1 - 2

Math 2552R, Spring 2017

Prof. Li

Reading Assignment:

- week 1 Brannan and Boyce (3rd. ed), Chapter 1.
- week 2 Brannan and Boyce (3rd. ed), Sections 2.1 - 2.3

Homework Assignment: (you may want to use Matlab for some of the problems. Matlab file for drawing direction fields is on t-square.)

- Section 1.2 #9, 11, 13, 15, 17, 21, 22, 24-29.
- Section 1.3 #13, 15, 25, 27, 29.
- Section 2.1 #5, 7, 15, 17.
- Section 2.2 #3, 5, 9, 11, 13, 15, 21, 23, 25.
- Section 2.3 #3, 4, 7, 8, 11, 12.

**Quiz 1.** Jan. 19, covers Sec. 1.2 - 1.3