Differential Equations

Week 3

Monday September 9 : *Class 5*:

Existence and Uniqueness Theorem. We will investigate the conditions which guarantee existence and/or uniqueness of solutions to the initial value problem $y' = f(t, y), \quad y(t_0) = y_0$.

Reading:

Blanchard, 1.5

Homework #5:

Blanchard, Section 1.5: 2, 3, 12, 14, 15.

Quiz #1

Quiz #1 *Introduction to Differential Equations* due at the start of class.

Wednesday September 11 : **BUCKMIRE Absent**

Friday September 13 : **BUCKMIRE Absent**