

M244

Introduction to Ordinary Differential Equations

Homework Assignments to the Final

Homework problems in the text that have a blue computer mouse next to them means that they should be done on a computer (Maple or Wolfram Alpha).

DATE	Homework
Apr 01	Sect 6.1: 1-7 odd, 15, 21, 23, 27 (26 in class) Complex handout (restates 6, 13, 16)
Apr 03	Sect 6.2: 2, 4, 8, 10, 12, 14, 20, 22, 24, 28, 29, 30, 33, 37
Apr 04	Sect 6.3: 2, 3, 6, 8, 11, 14, 15, 19-21, 25, 27, 28, 32, 33, 35
Apr 08	No Classes (Undergrad Conf)
Apr 10	Sect 6.4: 2-8 even, 14-16, 19-22 Use Maple/Wolfram Alpha to do the plots.
Apr 11	Sect 6.5: 1, 2, 3, 5, 7, 14, 15-19
Apr 15	Sect 6.6: 2, 3, 4, 6, 8, 9, 13, 14, 21, 22, 23, 26, 27
Apr 17	Sect 5.1: 1-14 even, 18-23
Apr 18	Sect 5.2: 2, 5, 6, 8, 15, 16, 19, 20, 23, 24
Apr 22	Sect 5.3: 1, 3, 5, 6, 10, 11, 12, 15, 16, 17, 18
Apr 24	Review/Catch Up
Apr 25	Exam III , Chapters 6, 5.1-5.3

For the last two weeks of class, we will discuss elements from Chapters 7 (Linear systems), and Chapter 9 (Nonlinear systems). Homework will be handed out as we go.