

M244

Introduction to Ordinary Differential Equations

Homework Assignments to Exam 3

Homework problems in the text that have a blue computer mouse next to them means that they should be done on a computer (we'll use Maple).

| DATE | Homework |
|--------|---|
| Mar 24 | Sect 6.1: 1, 2, 3, 5(b), 6*, 7-10, 13*, 14* 26 (in class), *=Use complex numbers |
| Mar 25 | Sect 6.2: 2-8, 12, 13, 14, 20, 21, 22, 29*, 30*, 33* 28 (in class), *=Use Problem 28 |
| Mar 27 | Sect 6.3: 2, 3, 6, 8, 11, 14, 15, 18, 27, 29 19, 28 (in class) |
| Mar 31 | Sect 6.4: 2*, 4*, 6*, 9*, 15, 19*, 21* *- Use technology for plots (everything else by hand) |
| Apr 1 | Sect 6.5: 1, 2, 3, 5, 6, 8, 17, 19, 21 Use technology for plots- Do everything else by hand) |
| Apr 3 | Sect 6.6: 1, 2, 3, 4, 6, 8, 9, 13, 14 |
| Apr 7 | Sect 5.1: 1-14 even, 18-23 |
| Apr 8 | Sect 5.2: 2, 5, 6, 8, 15, 16, 22, 23(Maple), 24(Maple) |
| Apr 10 | Sect 5.3: 1, 3, 5, 6, 10, 11, 12, 15, 16, 17, 18 |
| Apr 14 | Sect 5.4: 1, 3, 5, 10 Sect 5.5: 1, 3, 10, 18, 19, 23, 24, 25 |
| Apr 15 | No Classes |
| Apr 17 | Exam III , Chapters 6, 5.1-5.5 |