

M244

Introduction to Ordinary Differential Equations

Homework Assignments to Exam 2

DATE	Homework
Sep 21	Sect 3.1: 1, 3, 10, 15-18, 20-22 Extra practice: Linear operators and Cramer's Rule
Sep 24	Sect 3.2: 3, 5, 8, 12-20, 22, 26-27, 29, 31, 34, 36, 38 Optional: 41-43 Extra: Complex Numbers (handout)
Sep 26	Sect 3.2, continued.
Sep 28	Sect 3.3: 1, 3, 4, 7-15, 25, 27, 35, 37 (23, 24 in class)
Oct 01	Sect 3.4: 1, 3, 5, 6, 8, 12, 14, 16, 18, 20, 21, 24, 25, 34, 38.
Oct 03	Sect 3.5: 1, 4, 6, 7, 9, 10, 19, 22, 23, 25, 28, 34, 35 For 19-25, write the form of answer by hand, use Maple or Wolfram Alpha to check
Oct 05	Sect 3.6: 1, 2, 6, 9, 12, 13, 15, 29
Oct 08	October Break - No classes
Oct 10	Sect 3.7: 1, 3, 5, 7, 11, 13, 15, 17 Handout on oscillators
Oct 12	Sect 3.8: 1-3, 6, 11, 13, 24
Oct 15	Catch up/Review for Exam 2
Oct 17	Exam 2