

MATH 371

Fall 2011

Week 1 – 2: 8/29 – 9/09 (Chapter 1 and Chapter 2: First Order) (4 lectures)

Section 1.1 Problems P.9 # 1-5,11,13,14,27,28

Section 1.2 Problems P.15 # 3,7,8,11,13,14

Section 2.2 Problems P.45 # 2,3,4,7,11,13,14,19,23,26

Section 2.3 Problems P.53 # 1,2,3,5,7,9,10,17,18,19

Section 2.4 Problems P.59 # 1,2,4,7,9,15,17,18,21,22,25,31,32,34,38

Section 2.5 Problems P.64 # 1,4,6,7,13,15,16,21

Week 3 – 7: 9/12 – 10/14 (Chapter 3: Higher Order) (8 lectures)

Section 3.1 Problems P.108 # 1,15,16,21,23,24,25,27,28,31,32

Section 3.2 Problems P.111 # 1,2,4,6,9,12,13

Section 3.3 Problems P.117# 3,6,9,13,15,19,22,27,34,37

Section 3.4 Problems P.127# 4,7,12,15,18,30,31,37

Section 3.5 Problems P.132 # 1,4,11,12,17,18,20,23

Section 3.6 Problems P.138 # 2,3,6,12,14,19,23,24,31,34

Section 3.8 Problems P.154 # 3,6,21,22,29,31,45,47

The Midterm Exam covers through here!

Midterm Exam on 10/20 Regular Class Time 8:00 – 9:55

Return exam on 10/25. **Withdrawal Date is 10/28.**

Week 8 - 10 : 10/17 – 11/04 (Chapter 4: Laplace Transforms) (5 lectures)

Section 4.1 Problems P.201 # 2,4,7,10,12,19,24,28,29,32,37

Section 4.2 Problems P.209 # 3,6,8,11,12,15,20,29,30,31,34,36,38

Section 4.3 Problems P.217 # 1,4,6,8,9,11,13,16,18,19,21,24,26,29,30,37,
40,41,43,45,55,56,58,64,67,69

Section 4.4 Problems P.228 # 1,3,6,7,10,13,14,19,22,23,25,30,31,33,50,52,53

Section 4.5 Problems P.233 # 2,4,5,7,9,11

Week 11 -13: 11/07 – 12/02 (Chapter 5: Series Solutions) (6 lectures)

Section 5.1 Problems P.250 # 17,19,20,21,22,23,24,26,27

Section 5.2 Problems P.258 # 1,4,6,7,15,17,19,26

*Section 5.3 Problems P.269 # 3,6,10,12, 15,18, 22, 25

Problems P.270 # 27, 28, 33, 34, 37,38, 44, 45, 46

Last Week 12/5 – 12/9

Wrap Up, Catch Up, Review.

Final Exam December 13, 8:30 –10:30 am UU MAN A(Make-up If Needed)