

ALL 1998 Homework Assignment

CHAPTER 4 Higher Order Linear Equations

- 4.1 1,2,9,13,20,21
- 4.2 1,3,6,7,8,9,11,13,15,20,23
- 4.3 1,2,12,13,14
- 4.4 1,2

CHAPTER 6 The Laplace Transform

- 6.1 1,2,5,6,7,8,14,15,18,21,22,27
- 6.2 1,2,3,4,7,9,12,13,18,20,24
- 6.3 1,2,3,7,8,13,14,15
- 6.4 1,3,6,9
- 6.5 1,2,6,7,12
- 6.6 4,6,7,8,9,12,13

CHAPTER 7 Systems of First Order Linear Equations

- 7.1 1,2,5,7,11,15,16
- 7.2 1,3,6,8,9,10,11,12,13,22,23
- 7.3 1,4,5,6,7,12,13,14,15,16,18,21,22
- 7.4 4,5,6,
- 7.5 1,3,5,7,10,11,12,16,18
- 7.6 1,2,5,7,9
- 7.7 1,2,5,7,9,12
- 7.8 1,2,5,6
- 7.9 1,3,7,8

CHAPTER 9 Nonlinear Differential Equations and Stability

- 9.1 1,4,7,11,13
- 9.2 1,4,5,7,8,12
- 9.3 1,2,5,7,9,11,12,15,18
- 9.6 1,2,3,4

CHAPTER 8 Numerical Methods

- 8.1 1 a,b,d,3 a,b
- 8.3 1,3

CHAPTER 10 Partial Differential Equations and Fourier Series

- 10.1 3,4,5,7,9
- 10.2 1,2,5,9,10,14,15,17,18,21,27,28
- 10.3 1,2,3,5,
- 10.4 1,3,7,13,14,16,17,23,24,26
- 10.5 1,7