

## Differential Equations: Homework Problems

This list is preliminary. Changes will be announced in class.

(Some of these problems may not be assigned. Further problems may be added.)

- 1.1** 1,3,5,7,9
- 1.2** 1,2a,3a,5,7a,b
- 1.3** 1,3,6,7
- 2.1** 1,3,5,9,11,13,17,19a,21,23 (Answer to 19a is wrong in text)
- 2.2** 1,3,5,7,9,13,15,17,21
- 2.3** 1,3,5,9,11,13,19,25,34,35
- 3.2** 1,3,11,14,16
- 4.1b** 1,4,5,7,11,13 (p 122)
- 4.1c** 1,3,5 (p 132)
- 4.2** 1,3,5,7,9,11,13,14,15,25,27,29,37,39,59,61
- 4.3** 1,5,7,19,25,37,51,55,57
- 4.4** 1,3,5,13,19,21
- 4.5** 3,7,25
- 4.6** 2,3
- 6.1** 1,3,5,9,17,21
- 6.2** 1,3,5,7,13,19
- 9.1a** 1,3,5,7
- 9.1b** 1, 3,5,7,13,15
- 9.2a** 3, 5, 7,11,15,17
- 9.2b** 1, 3, 5
- 9.3** 1, 3, 5,11,15,17
- 9.4a** 1, 5,9,19
- 9.4b** 1, 3,5,11
- 9.4c** 1,3,5,7
- 9.5** 1,3,5,7
- 7.1** 27, 29
- 8.1a** 1, 3, 5
- 8.1b** 1, 3, 7