

## Mathematics 30650-02, Differential Equations

### Homework problems

**Homework 1:** Due Friday, August 31

4.1: 1, 2, 6, 7, 10

4.2: 2, 3, 5, 8, 9, 10, 11, 16, 17, 20

**Homework 2:** Due Friday, September 7

4.3: 1, 3, 6, 10, 11, 12, 13

3.6: 4, 6

4.4: 1, 4

**Homework 3:** Due Friday, September 14

6.1: 3, 4, 8, 10, 16, 17, 19

6.2: 2, 3, 4, 7, 10, 14, 15, 17

**Homework 4:** Due Friday, September 21

6.3: 1, 2, 9, 10, 12, 14, 15

6.4: 1, 2, 4, 6, 7

6.5: 1, 2, 5, 6

**Exam I:** *September 27, Thursday, 8:00-9:15 am, 118 Nieuwland Science*

**Homework 5:** Due Friday, September 28

6.6: 4, 5, 6, 7, 8, 9, 11, 12

**Homework 6:** Due Friday, October 05

7.1: 1, 6, 8

7.2: 1, 8, 9, 12

7.3: 1, 4, 6, 11, 13, 14, 16

**Homework 7:** Due Friday, October 12

7.5: 2, 3, 7, 8, 10

7.6: 1, 2, 3, 7

**Homework 8:** Due Friday, October 26

7.7: 1, 3, 4, 9

7.8: 1, 3, 4, 7

**Homework 9:** Due Friday, Nov 2

7.9: 1, 3, 5, 6

9.1: 1, 4, 6, 7, 11, 12

**Homework 10:** Due Friday, Nov 9

9.2: 4, 5, 12, 14, 15, 19 9.3: 1, 2, 6, 10, 11 9.5: 1, 2

**Homework 11:** Due Friday, Nov 9

10.1: 1, 2, 3, 5, 6, 10, 14, 16

**Homework 12:** Due Friday, Nov 30

10.2: 2, 4, 13, 14, 15

10.3: 1, 2, 5

10.4: 1, 5, 7, 9, 15, 17, 18

**Homework 13:**

10.5: 1, 3, 7, 8, 9, 12

10.6: 1, 2, 3, 4, 12

**Final Exam: Monday, December 10, 1:45-3:45 pm 118 Nieuwland Science**