ODE's for Scientists/Engineers Winter 2017

You should check this page every day for new homework assignments or announcements.

Links

Syllabus

Exams

Exam 1 will cover sections 2.2-2.5 and 4.2-4.3. Solutions.

Exam 2 will cover sections 4.4-4.7 and 6.2-6.3. Solutions.

The final exam is cumulative.

You can find sample exams and quizzes here. Note that those documents were written by a different instructor, so the exams and quizzes that you take in this section will likely differ in style and in content.

Homework

Homework assignments are not collected. Homework questions (or similar questions) will appear on quizzes and exams starting on the due date.

Problems	Due date	Notes
Section 2.2: Exercises 1-14, 19-22, 24-28.	12/20	
Section 2.3: Exercises 5-8, 13, 14, 27, 32, 35, 36.	12/21	You don't have to check for transient terms on 5–8, 13, and 14.
Section 2.4: Exercises 1-26, 29-38.	12/22	
Section 2.5: Exercises 1-22.	12/23	
Chapter 2 Review: Exercises 19-28.	12/23	These problems are good preparation for Exam 1.
Section 4.2: Exercises 9-14.	12/23	
Section 4.3: Exercises 1-18, 21-24, 29, 32-34, 37-40.	12/23	
Section 4.4: Choose any 13 of Exercises 1-26.	1/2	Use the superposition approach from section 4.4.
Section 4.4: The other 13 of Exercises 1-26.	1/3	Use the annihilator approach from section 4.5.
Section 4.6: Exercises 1-3, 5, 6, 9-13, 16-22.	1/3	
Section 4.7: Exercises 1, 3-8, 11, 12, 14-24.	1/4	
Chapter 4 Review: Exercises 21-30.	1/6	These problems are good preparation for Exam 2.
Section 6.1: Exercises 1-16, 19, 20.	1/5	
Section 6.2: Exercises 3-6, 9-18, 23, 24.	1/5	
Section 6.3: Exercises 1-10, 13-30.	1/6	
Section 7.1: Exercises 1-6, 11-32.	1/9	
Section 7.2: Exercises 1-38.	1/10	
Section 7.3: Exercises 1-30, 37-48, 63-70.	1/11	
Section 7.4: Exercises 1-14.	1/12	

Section 4.8: Exercises 1, 4, 7, 10, 13, 15, 17, 19, 21, 23.	1/13	These exercises are optional. The final exam will contain one bonus question related to 4.8.

From:

http://www2.math.binghamton.edu/ - **Department of Mathematics and Statistics, Binghamton University**

Permanent link:

http://www2.math.binghamton.edu/p/people/grads/milano/324_winter_2017

Last update: **2017/01/11 21:33**