

Math 54, Spring 2012
Fraydoun Rezakhanlou

Homework from *Fundamentals of Differential Equations and Boundary Value Problems*,
4th edition, by Nagle, Saff and Snider

Homework set 10. **Due Monday, April 2**

Section **4.2**: #6, 10, 16, 28, 34

Section **4.3**: #8, 16, 24, 29

Section **4.4**: #4, 6, 18, 22, 30, 34

Homework set 11. **Due Monday, April 9**

Section **4.5**: #2(b), 6, 10, 18, 28, 34

Section **4.6**: #10, 20

Section **6.1**: #6, 16, 20, 24, 28

Section **6.2**: #10, 18, 20, 25

Homework set 12. **Due Monday, April 16**

Section **9.1**: #12

Section **9.4**: #4, 8, 14, 18, 22, 27

Section **9.5**: #22, 34

Section **9.6**: #4, 8, 14

The **third midterm** is on Monday, April 23, in class and will cover Sections
4.2–4.6, 6.1–6.2, 9.1, and 9.4–9.6.

Homework set 13. **Due Friday, April 27**

Section **10.2**: #10, 12, 18, 22

Section **10.3**: #2, 4, 7, 14, 26, 27

Section **10.4**: #4, 6, 12, 18, 19

Section **10.5**: #4

The **Final Exam** will be on TUESDAY, MAY 8, 7-10 pm. It will cover
Sections 1.1–1.5, 1.7-1.9, 2.1-2.3, 3.1-3.3, 4.1-4.7, 5.1–5.5, 6.1–6.4, 6.7 and 7.1 of
Lay,
and Sections 4.2–4.6, 6.1–6.2, 9.1, 9.4–9.6 and 10.2–10.5 of **NSS**.