D

Assigned Problems

Only hand in the problems with (*) after them. However, you should make sure that you are able to do all of the problems.

D.1 Homework #1 is Due Monday, October 6, 2003.

Exercises: 2.1*, 2.2, 2.3*, 2.4*, 2.5, 3.1, 3.2, 3.3*, 3.8*, 4.3*, 4.4, 4.5*, 4.6*

D.2 Homework #2 is Due Monday, October 13, 2003. The following problems are from

Exercises: 4.7, 4.9, 4.10* (Hint: use 4.9), 4.11*, 4.12*, 4.13, 4.14, 4.15*, 6.2*, 6.3*, 6.4*, 6.7, 6.8, 6.9*, 6.10, 6.11*, 6.12*, (Hint: use the dominated convergence theorem.)

D.3 Homework #3 is Due Wednesday, October 22, 2003. The following problems are from

Exercises: 6.13, 7.1*, 7.2*, 7.3*, 7.6, 7.7*, 7.8*, 7.10*, 7.12* (definitely do this problem)

D.4 Homework #4 is Due Friday October 31, 2003.

Exercises: 8.1, 8.2, 8.3*, 8.6*, 8.13*, 8.15*, 8.16, 8.19, 8.21*, 8.22*

D.5 Homework #5, 240A - 2003 due Monday, November 10, 2003.

Exercises: 8.4*, 8.5*, 10.1, 10.2*, 10.3, 10.4*, 10.7*, 18.1*, 18.2, 18.3*, 18.4*

D.6 Homework #6, 240A - 2003 Due Wednesday, November 19, 2003.

Exercises: 10.5, 10.6*, 10.20*, 10.21*, 10.24*
    18.5, 18.6*, 18.9*, 18.10*, 18.11*

D.7 Homework #7 is Due Friday, December 5, 2003.

19.1, 19.2*, 19.3*, 19.4*, 19.5*, 19.6*, 19.7*, 19.8, 19.10*(Hint: "Fatou times two."), 19.14*, 19.16* and 19.17* (= Folland p. 60: (# 2.31b,e)*).