

Fall, 2009

MATH 3500(H)
PROBLEM SET #9/10

T. Shifrin

DUE Wednesday, October 28, 2009.

Problems to work but not hand in:

§4.1: #6a, 10, 14.

§4.2: #1, 2c,e, 3b.

§4.3: #2, 12, 14b.

Problems to turn in:

WeBWork Homework 9 (due Sunday, October 18, 11 pm; material to be covered on the exam)

WeBWork Homework 10 (due Sunday, October 25, 11 pm)

§4.1: #13* (3), 15 (3), 17 (3), 19 (3), 23 (3).

§4.2: #7 (3), 9 (3).

§4.3: #3 (3), 4 (3), 5 and 16 (3), 9 (3), 11[†] (3).

Challenge problems (Turn in separately):

§4.3: #22 (3), 26 (3), 27 (5).

*Add the condition $\mathbf{b} \neq \mathbf{0}$ in part b and the condition $\mathbf{b}_1, \mathbf{b}_2 \neq \mathbf{0}$ in part d.

[†]#9 and #11 are extremely important.