

MATH 3613, 001, SPRING 2009, SYLLABUS

FACULTY: WEIPING LI
OFFICE: MS 526; PHONE#: 405 - 744 - 5852

DO THE HOMEWORK and write in clear and complete language the reasoning used in the proof. Then re-read your solutions and make corrections as needed.

1. HOMEWORK

- (1) HW1. §1.1: 4, 5, 6, 7, 8, 9;
- (2) HW2. §1.2: 4, 5, 6, 7, 11, 16, 20, 22, 24, 25.
- (3) HW3. §1.3: 5, 8, 11, 12, 16, 17, 18, 21, 24, 27.
- (4) HW4. §2.1: 1, 3, 5, 8, 10, 11, 16, 20, 26, 27, 33.
- (5) HW5. §2.2: 2, 8, 9, 11; §2.3: 1, 8, 9, 10, 11.
- (6) HW6. §3.1: 6, 8, 9, 13, 16, 20, 22, 31, 34, 35.
- (7) HW7. §3.2: 2, 7, 8, 12, 16, 23, 25, 30, 31.
- (8) HW8. §3.3: 4, 7, 9, 10, 15, 17, 30, 39, 40.
- (9) HW9. §4.1: 3, 7, 8, 9, 11, 12, 15, 18; §4.2: 2, 4, 5(b), 9, 10, 14, 15.
- (10) HW10. §4.3: 3, 5, 6, 11, 13, 21, 22, 23; §4.4: 5, 10, 11, 12, 14, 19, 28.
- (11) HW11. §4.5: 6, 14, 20; §5.1: 2, 5, 8; §5.2: 6, 9, 10, 16.
- (12) HW12. §6.1: 3, 6, 7, 25, 27, 35, 38; §6.2: 4, 8, 14, 17, 21, 25.
- (13) HW13. §7.1: 3, 9, 21, 25; §7.2: 7(b), 7(d), 13, 18, 22, 33.
- (14) HW14. §7.3: 3, 7, 22, 23, 25, 33, 38, 39; §7.4: 4, 9, 10, 16, 21, 24, 25.

DEPARTMENT OF MATHEMATICS, OKLAHOMA STATE UNIVERSITY
STILLWATER, OKLAHOMA 74078-0613

E-mail address: wli@math.okstate.edu

Date: January 10, 2009.

WWW address: <http://www.math.okstate.edu/~wli/>.