Instructor: Sandra Cerrai
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Phone: (301) 405 5460
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Office Hours: Tu 3:30-4:30 and Th 12:30-1:30
Classes: Tu-Th 2:00-3:15
Location: Math B0423


Grading policy: Homework will be assigned, collected by the instructor and graded. There will be approximately ten homeworks assigned during the semester of which the best eight will count towards the grade.

The homeworks will contribute for 20% to the final grade. There will be two midterms and they will each contribute for 20% to the final grade. The final exam will contribute for 40% to the final grade.

Attendance policy: The students are responsible for all the material covered in the class. If a student misses an exam due to circumstances beyond the students’ control, the student must supply appropriate documentation in which case special arrangements will be made.

Other: You should be familiar with the University’s policies on Academic Integrity, including the Honor Pledge. In particular, you should work on the problems on your own.

If your religion dictates that you cannot take an exam or hand in assigned work on a particular date, then contact me at the beginning of the semester to discuss
alternatives. You are responsible for making these arrangements at the beginning of the semester.

If you have some disability related to testing under the usual timed, in-class conditions, you may contact the office of Disabled Students Services (DSS). If they assess you as meriting private conditions and/or extra time, then you may arrange to take your tests at DSS, with extra time as they indicate. You must arrange this well in advance of a test.

**Dates:**
- First Midterm, March 4
- Second Midterm, April 15
- Final, May 17, 10:30-12:30 am

**Homeworks:** They will be assigned once a week. There will be given approximately ten homeworks during the semester from which only the best eight homeworks will count towards your grade.

- Homework 1. - Chapter 1, Problems 10, 16, 21, Theoretical Exercises 5, 6, 13; Chapter 2, Problems 7, 8, 12, Theoretical Exercises 11, 20 (due 02/11, postponed to 02/18)
- Homework 2. - Chapter 3, Problems 9, 15, 20, 21, 35, Theoretical Exercises 1, 8 (due 02/23)
- Homework 3. - Chapter 3, Problems 53, 55, 57, 73, 76, Theoretical Exercises 6, 9 (due to 03/02).
- Homework 4. - Chapter 4, Problems 13, 17, 21, 27, 29, Theoretical Exercises 2, 6 (due to 03/11).
- Homework 5. - Chapter 4, Problems 46, 48, 50, 51, 55, 57, Theoretical Exercises 7, 8, 10 (due to 03/25).
- Homework 6. - Chapter 4, Problems 64, 66, 78, 84, Theoretical Exercise 27, Chapter 5, Problems 1, 2 (due to 04/06).
- Homework 7. - Chapter 5, Problems 4, 6, 7, 19, 31, 33, 39 (due to 04/20).
• Homework 8. - Chapter 6, Problems 7, 9, 12, 13, 15, 20, 26 (due to 04/29).

• Homework 9. - Chapter 6, Problems 38, 41, 44, Chapter 7, Problems 4, 11, 30, 38 (due to 05/11).