MTH 551 - Methods of Mathematical Physics
Winter Semester 2007

Time and Place: MW 5:55-7:10pm, SC 108
Instructor: Dr. Ruihua Liu
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Web Page: http://academic.udayton.edu/ruihuailiu/
Office Hour: MWF 10:00-11:50am, MWTH 2:00-2:50pm, walk-ins or appointments

Prerequisites: MTH 403 (Boundary Value Problems) or equivalent.


Material Covered: Chapter 1, Chapter 2 (Most sections) and Chapter 3 (Selected sections).

Homework: Homework will be assigned in class and collected once every two weeks (at the beginning of Wednesday class) for grading. In addition to the written problems, there are also reading assignments. I will post both homework and reading assignments on my home page. Please do not hesitate to come see me if you have any questions.

Exams: There will be a mid-term and a comprehensive final exam, both in-class and closed-book. Make-up exam will be given only under special circumstances and must be discussed with me before the scheduled exam. The mid-term is tentatively scheduled on Wednesday, Feb. 21. The final is scheduled for Wednesday, May 2, from 5:55pm to 7:45pm in SC 108.

Grading: 20% — Midterm, 30% — Final, 50% — Homework
90 ≤ A ≤ 100, 75 ≤ B < 90, 60 ≤ C < 75, F < 60.

Calculator Policy: Calculators with numerical packages are allowed. Calculators with symbolic packages are not allowed.

Attendance: Attendance of class is required and may be taken from time to time.

Important Dates: The last day to withdraw without record is Wednesday, January 24. The last day to withdraw with a record of W — no registration is Wednesday, March 21.