

## Math 308, Mathematics for the Physical sciences, spring 2010

- Book: Mathematical methods in the Physical Sciences, third edition. Author: Mary L. Boas.
- Classes are MWF 2-3 pm in Cupples I, 115.
- Instructor: Mohan Kumar, Room 111 A, Cupples I. Phone: 5-36728; email: kumar at wustl dot edu and URL:  
<http://www.math.wustl.edu/~kumar/courses/308-2010/mathphys.html>
- Office Hours: Monday 12-1pm and Wed 3.30-4.30pm or by appointment.
- Homework: weekly. I will try to post them during the weekend and they are due the Monday a week from then.
- Exams: There will be one midterm and a final. Midterm will be on March 17th, Wednesday (one hour) and the final will be on Monday May 10, 2010 6:00 PM - 8:00 PM, both in class.
- Grading: 85-100%-A; 70-84%-B; 50-69%-C; less than 50% will be an F. Homework will count for 40% of the final grade, Midterm will be 25% and the final for 35%.
- Plan for the course: We will briefly cover the first three chapters in the book first. We will then cover in greater detail chapters 4, 5 and 6. These six chapters have a fair amount of overlap with the calculus courses, which you are assumed to be familiar with.

The next topics are probably new to you and we will cover parts of chapters 7, 8, 12 and 13. It is impossible to cover all of the material in these chapters in a semester. So, we will pick and choose as we go on.