Instructor: Slobodan Simić
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Web: http://www.math.sjsu.edu/~simic/Spring11/Math213B/213B.html
Office hours: MW 11:45-12:45 + 3:00-4:00, Tu 2:30-3:30 (online), and by appointment


Other recommended books: (not required)


Prerequisite: Math 213A (with a grade of "C-" or better) or instructor consent

Homework: There will be roughly biweekly homework assignments mostly based on the textbook. I will grade three problems from each set but will provide solutions to all problems.

Exams: Take-home final.

Class paper: Each student is expected to write a short expository paper on a topic of his/her choosing related to Riemannian geometry.

Grading policy: Homework 40%, Paper 30%, Final 30%

Main goals: The main goal of the class is for students to acquire solid understanding of the basic results and techniques of Riemannian geometry. We will try to cover most of the textbook. The culminating experience of the course is supposed to be the relation of curvature and topology. Time permitting we will discuss applications to physics.

Participation: During class please feel free to stop me at any time and ask questions. I encourage and greatly appreciate students’ participation.

Feedback: I appreciate constructive feedback which you can give me via the anonymous feedback form on the class web page, by email, or in person.

Academic integrity: From the Office of Student Conduct and Ethical Development: Your own commitment to learning, as evidenced by your enrollment at San José State University, and the University's Academic Integrity Policy, require you to be honest in all your academic course work. Faculty are required to report all infractions to the Office of Student Conduct and Ethical Development. The policy on academic integrity can be found at http://sa.sjsu.edu/student_conduct.

Campus policy in compliance with the Americans with Disabilities Act: If you need course adaptations or accommodations because of a disability, or if you need special arrangements in case the building must be evacuated, please make an appointment with your instructors as soon as possible, or see them during office hours. Presidential Directive 97-03 requires that students with disabilities register with DRC to establish a record of their disability.

Class attendance: According to University policy F69-24, Students should attend all meetings of their classes, not only because they are responsible for material discussed therein, but because active participation is frequently essential to insure maximum benefit for all members of the class. Attendance per se shall not be used as a criterion for grading.

For more details, see the course web page.