Instructor: Dr. Ming Tian
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Purpose: This course is designed to prepare students for GRE physics test.
Credit: 1
Time: Mondays, 10:30 - 11:20am
Location: STI 310

Course content: We will mainly work on the sample test questions of the GRE test, which are categorized into several groups according to the testing subjects. These subjects and their weight in the test are listed below.
1. Classical Mechanics 20%
2. Electromagnetism including 18%
3. Atomic/Quantum Mechanics 22%
4. Thermodynamics/Statistics 10%
5. Optics/Wave phenomena 9%
6. Special relativity 6%
7. Lab Method 6%
8. Advanced topics 9%

Question set and answer keys will be distributed in class as homework. Students are expected to work through the homework and discuss their solutions in class. Attendance is required.