Course Syllabus Physics 471

Instructor: Saori Pastore
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Assistant to the instructor: Quin Abarr
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Where/when: MWF Crow 206 @ 10:00 am - 10:50 am
Midterm: TBA
Final: Dec 16 2019 10:30AM - 12:30PM; room: TBA

Grades: HM 40%, Midterm 30%, Final 30%

Textbook: Shanakar - Principle of Quantum Mechanics

Supplemental reading:
Cohen-Tannoudji, Quantum Mechanics Volume II
Cohen-Tannoudji Quantum Mechanics, Volume I
Messiah - Quantum Mechanics
Griffiths - Quantum Mechanics
Sakurai and Napolitano - Modern Quantum Mechanics
Zettili - Quantum Mechanics
Syllabus:

- Crisis of Classical Physics
- Wave Mechanics
- Formalism of Quantum Theory
- Angular momentum
- Transformations
- Approximated Methods
- Applications