

SC 638: Quantum Control

Course Information

- Instructor: Navin Khaneja
Office: Monash building, Rm 305
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- Office Hours: Thursday: 2:00-3:30 in my office.
 - Text Books: I will hand out class notes. The following books are references,
 1. D. Griffiths, “Introduction to Quantum Mechanics”, *Pearson, Education Inc, 2005*.
 2. J. Cavanagh, W. Fairbrother, A. Palmer, N. Skelton, “Protein NMR Spectroscopy”, *Academic Press, 2007*.
 3. M. Goldman, “Quantum description of high resolution NMR in liquids”, *Oxford Univ. Press, 1988*.
 4. C. Kittel, “Solid State Physics”, *John Wiley Sons, 2005*.
 5. S.M. Sze, “Semiconductor Devices”, *John Wiley Sons, 2002*.
 - Grading Policy: There will be one midterm exam and final exam that counts for 25 % and 40 % of your grade respectively. The homework will count for 35% of your grade.
 - Disability: If you have a disability that you feel may affect your performance in this course, let me know about it.
 - Honor Code: You are encouraged to discuss and work together on homework, but please write your own solutions. No external assistance is allowed in the exams.