

Homework 1 (due 09/06)

1. Read Chapter 6 from Thakkar book to refresh the material which I assume was covered in Quantum Mechanics.
2. Study Chapter 7 and Chapter 8.
3. Problems: 7.1, 7.3, 8.1, 8.3, 8.4, 8.6, 8.9, 8.10
4. Computational labs for new students (links from the website).
5. Prepare short presentation (10 min or even less, 4 slides max) about what your research is about and what sort of questions would you like to be able to answer with the help of calculations. This is meant to help us to formulate individual research projects which are the main focus of this class.