

Reading class for english speakers

English speaking students in the master program have an option to take QMII as a reading class. It follows a book of Gordon Baym, the exact chapters and sections are listed below. If you choose to follow this book instead of the class, you will also be examined only from the material covered by the book. If you choose this option please inform us by email (martin.fraas@gmail.com) before 7.March. Here is a detailed list:

- Author: Gordon Baym
- Title: Lectures on Quantum Mechanics
- Chapters/ Sections:
 - Chapter 13 "Interaction of light and matter": Until (including) the section "Details of spontaneous emission", pages 262 - 281
 - Chapter 18 "Identical particles": Until (including) the section "States of noninteracting particles", pages 387-400
 - Chapter 19 "Second quantization": All, pages 411-439
 - Chapter 20 "Atoms": Until (including) section "Splitting of configurations", pages 440-460