PHYS 274
QUANTUM MECHANICS (Applications)

Spring 2021

Instructor: Valeri Kotov

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Lectures: Tuesdays, Thursdays, 10:05 am - 11:20 am,
in INNOV E432

Office hours: Fridays, 1:00 pm - 3:00 pm, via TEAMS, or by appointment

Textbook: “Introduction to Quantum Mechanics,”
by David J. Griffiths and D.F. Schroeter,
3-rd edition, Cambridge Univ. Press, 2018

or, “Introduction to Quantum Mechanics,”
by David J. Griffiths, 2-nd edition, Prentice-Hall, 2005

They are practically the same, so it doesn’t matter which one you are using. (I personally have the 2-nd edition)

Prerequisites: Phys 273 (Quantum Mechanics I)

Topics: This is the second semester of a two-semester sequence. The course discusses applications of
Quantum Mechanics. We will cover Chapters 6-10 of Griffiths (and more, time permitting).

**Grades**: Grades in this course will be assigned as follows:

- 50% Homework (assigned usually on bi-weekly basis, on Fridays).
- 15% Midterm Exam
- 25% Final Exam
- 10% Class Participation