课程代码（Coursenumber）：

221A.

课程名（Coursename）：

Advanced Quantum Mechanics.

学分（credit) ：(3)

课程设置（course setting）：Three hours of lecture per week.

选课要求（prerequisite）：120B and 122 or equivalent.

课程描述（Description）：Introduction, one dimensional problems, matrix mechanics, approximation methods. (F)

教参信息（Textbookinfo）:

1 Advanced Quantum Mechanics by J. J. Sakurai (Hardcover - Jan. 11, 1967)

ISBN-13: 978-0201067101

2 Advanced Quantum Mechanics by Franz Schwabl, R. Hilton, and Angela Lahee (Hardcover - Sept. 2, 2008)

ISBN-13: 978-3540850618

世界各地拥有馆藏的图书馆（OCLC）:65

3 Advanced Quantum Mechanics by Freeman Dyson (Paperback - Mar. 12, 2007)

ISBN-13: 978-9812706614

世界各地拥有馆藏的图书馆（OCLC）:192

4 Modern Quantum Mechanics (Revised Edition) by J. J. Sakurai (Hardcover - Sept. 10, 1993)

ISBN-13: 978-0201539295

5 Advanced Quantum Mechanics by R. Blümel (Hardcover - Apr. 28, 2010)

ISBN-13: 978-1934015520

世界各地拥有馆藏的图书馆（OCLC）:8

6 Advanced Visual Quantum Mechanics by Bernd Thaller (Hardcover - Nov. 30, 2004)

ISBN-13: 978-0387207773

世界各地拥有馆藏的图书馆（OCLC）:148

7 Quantum Mechanics for Mathematicians (Graduate Studies in Mathematics) by L. A. Takhtadzhi a n (Hardcover - Aug. 15, 2008)

ISBN-13: 978-0821846308

世界各地拥有馆藏的图书馆（OCLC）:195

8 An Introduction to Advanced Quantum Physics by Hans P. Paar (Paperback - June 8, 2010)

ISBN-13: 978-0470686751

世界各地拥有馆藏的图书馆（OCLC）:11

9 A Brief Introduction to Classical, Statistical, and Quantum Mechanics (Courant Lecture Notes) by Oliver Bühler (Paperback - Oct. 12, 2006)

ISBN-13: 978-0821842324

世界各地拥有馆藏的图书馆（OCLC）:167

10 V.A. Fock - Selected Works: Quantum Mechanics and Quantum Field Theory by L.D. Faddeev, L.A. Khalfin, and I.V. Komarov (Hardcover - May 21, 2004)

ISBN-13: 978-0415300025

世界各地拥有馆藏的图书馆（OCLC）:85