课程代码（Coursenumber）：  
221B.   
  
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）：221A.   
  
课程描述（Description）：Time dependence, interaction of matter with radiation, scattering theory. Molecular and many-body quantum mechanics. (S)  
  
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: 978-0470686768   
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