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| 课程代码（Coursenumber）CHM 305课程对象（Audience）Primarily for Undergraduates开课教师（Teacher）Z. Soos学期（Semester）Fall课程描述（Description））Introduction to quantum mechanics, surveying applications in chemistry, physics, molecular biology, and molecular imaging. Computer-based tools will be emphasized. Prerequisites: 202 or 204 or 215; MAT 102 or 104; PHY 101 (may be taken concurrently) or AP Physics. Three lectures, one preceptorial.课时信息（Totalhours）教参信息（Textbookinfo）1 The Quantum World: Quantum Physics for Everyone by Kenneth W. Ford and Diane Goldstein (Paperback - Oct. 15, 2005)ISBN-13: 978-0674018327世界各地拥有馆藏的图书馆（OCLC）:12842 The Quantum World (Princeton Science Library) by John C. Polkinghorne (Paperback - Jan. 1, 1986)ISBN-13: 978-06910238853 The Strange World of Quantum Mechanics by Daniel F. Styer (Paperback - Feb. 28, 2000)ISBN-13: 978-05216678074 The Black Hole War: My Battle with Stephen Hawking to Make the World Safe for Quantum Mechanics by Leonard Susskind (Paperback - July 22, 2009)ISBN-13: 978-0316016414世界各地拥有馆藏的图书馆（OCLC）:1215 This Strange Quantum World & You by Patricia Topp (Paperback - Aug. 18, 1999)ISBN-13: 978-15773303566 Many Worlds?: Everett, Quantum Theory, and Reality by Simon Saunders, Jonathan Barrett, Adrian Kent, and David Wallace (Hardcover - July 27, 2010)ISBN-13: 978-0199560561世界各地拥有馆藏的图书馆（OCLC）:227 Quantum Questions: Mystical Writings of the World's Great Physicists by Ken Wilber (Paperback - Apr. 10, 2001)ISBN-13: 978-1570627682世界各地拥有馆藏的图书馆（OCLC）:1758 Quantum Physics: A Beginner's Guide by Alastair I. M. Rae (Paperback - Jan. 3, 2006)ISBN-13: 978-1851683697世界各地拥有馆藏的图书馆（OCLC）:3219 Consciousness and Quantum Mechanics: Life in Parallel Worlds, Miracles of Consciousness from Quantum Reality by Michael B. Mensky (Hardcover - June 30, 2010)ISBN-13: 978-9814291422世界各地拥有馆藏的图书馆（OCLC）:310 The Quantum Mechanics of Minds and Worlds by Jeffrey Alan Barrett (Paperback - Nov. 8, 2001)ISBN-13: 978-0199247431世界各地拥有馆藏的图书馆（OCLC）:7711 The Quantum Leader: Applications for the New World of Work (Malloch, The Quantum Leader) by Kathy Malloch and Tim Porter-O'Grady (Paperback - Dec. 9, 2008)ISBN-13: 978-0763765408世界各地拥有馆藏的图书馆（OCLC）:126 |