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| 课程代码（Coursenumber）CHEM 277课程对象（Audience）Primarily for Graduates开课教师（Teacher）Pecora, R..学期（Semester）Terms: Spr课程描述（Description））Possible topics: structure elucidation using diffraction techniques, advanced statistical mechanics, crystal field theory, advanced quantum mechanics, magnetic relaxation, advanced thermodynamics, chemical applications of group theory. May be repeated for credit. Prerequisite: 275 or consent of instructor.课时信息（Totalhours）Units: 3教参信息（Textbookinfo）1 Physical and Chemical Kinetics: includes CD-ROM (Topics in Physical Chemistry) by R. Stephen Berry, Stuart A. Rice, and John Ross (Hardcover - Aug. 30, 2001)ISBN-13: 978-0195147506世界各地拥有馆藏的图书馆（OCLC）:962 Physical Chemistry of Electrolyte Solutions: Modern Aspects (Topics in Physical Chemistry) by Josef M.G. Barthel, Hartmut Krienke, and Werner Kunz (Hardcover - July 11, 2002)ISBN-13: 978-3798510760世界各地拥有馆藏的图书馆（OCLC）:1443 Carbon Nanotubes: Advanced Topics in the Synthesis, Structure, Properties and Applications (Topics in Applied Physics) by Ado Jorio, Gene Dresselhaus, and Mildred S. Dresselhaus (Hardcover - Mar. 11, 2008)ISBN-13: 978-3540728641世界各地拥有馆藏的图书馆（OCLC）:1144 Ionic Liquids (Topics in Current Chemistry) by Barbara Kirchner (Hardcover - Dec. 14, 2009)ISBN-13: 978-3642017797世界各地拥有馆藏的图书馆（OCLC）:425 Photo-Excited Processes, Diagnostics and Applications: Fundamentals and Advanced Topics by A. Peled (Hardcover - Dec. 31, 2003)ISBN-13: 978-1402075278世界各地拥有馆藏的图书馆（OCLC）:756 Introduction to Thermal Analysis: Techniques and Applications (Hot Topics in Thermal Analysis and Calorimetry) by Michael E. Brown (Paperback - Dec. 31, 2001)ISBN-13: 978-1402004728世界各地拥有馆藏的图书馆（OCLC）:1507 Topics in Polymer Physics by Richard S. Stein (Paperback - Mar. 30, 2006)ISBN-13: 978-1860944123世界各地拥有馆藏的图书馆（OCLC）:1528 Asymmetric Organocatalysis (Topics in Current Chemistry) by Benjamin List (Hardcover - Mar. 4, 2010)ISBN-13: 978-3642028144世界各地拥有馆藏的图书馆（OCLC）:479 Advanced Topics in Theoretical Chemical Physics (Progress in Theoretical Chemistry and Physics) by J. Maruani, Roland Lefebvre, and Erkki J. Brändas (Hardcover - Nov. 30, 2003)ISBN-13: 978-1402015649世界各地拥有馆藏的图书馆（OCLC）:7410  Contrast Agents III: Radiopharmaceuticals - From Diagnostics to Therapeutics (Topics in Current Chemistry) (v. 3) by Werner Krause (Hardcover - Mar. 24, 2005)ISBN-13: 978-3540225775世界各地拥有馆藏的图书馆（OCLC）:76 |

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