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| 课程代码（Coursenumber）CHEM 176课程对象（Audience）Primarily for Undergraduates开课教师（Teacher）Moerner, W..学期（Semester）Terms: Spr 课程描述（Description））Introduction to kinetic theory and statistical mechanics: molecular theory of matter and heat, transport phenomena in gases, Boltzmann distribution law, partition functions for ideal gases. Introduction to chemical kinetics: measurement of rates of reactions, relationship between rate and reaction mechanism, consideration of specific reactions, transition-state theory of reaction rates. Prerequisites: 171, 173.课时信息（Totalhours）Units: 3教参信息（Textbookinfo）1 Physical Chemistry by Peter Atkins and Julio de Paula (Hardcover - Mar. 10, 2006)ISBN-13: 978-0716787594世界各地拥有馆藏的图书馆（OCLC）:972 Physical Chemistry by Ira N. Levine (Hardcover - May 9, 2008)ISBN-13: 978-0072538625世界各地拥有馆藏的图书馆（OCLC）:993 Physical Chemistry by Peter Atkins and Julio dePaula (Hardcover - Dec. 18, 2009)ISBN-13: 978-1429218122世界各地拥有馆藏的图书馆（OCLC）:314 Applied Mathematics for Physical Chemistry (3rd Edition) by James R. Barrante (Paperback - Sept. 25, 2003)ISBN-13: 978-0131008458世界各地拥有馆藏的图书馆（OCLC）:1565 Physical Chemistry by Robert J. Silbey, Robert A. Alberty, and Moungi G. Bawendi (Hardcover - July 1, 2004)ISBN-13: 978-0471215042 世界各地拥有馆藏的图书馆（OCLC）:2456 Physical Chemistry by Peter Atkins and Julio de Paula (Hardcover - Dec. 7, 2001)ISBN-13: 978-0716735397世界各地拥有馆藏的图书馆（OCLC）:2057 Physical Chemistry Student Solutions Manual by Charles Trapp, Marshall Cady, Carmen Guinta, and Peter Atkins (Paperback - Aug. 11, 2006)ISBN-13: 978-0716762065世界各地拥有馆藏的图书馆（OCLC）:328 Physical Chemistry: Principles and Applications in Biological Sciences (4th Edition) by Ignacio Tinoco, Kenneth Sauer, James C. Wang, and Joseph D. Puglisi (Hardcover - Aug. 16, 2001)ISBN-13: 978-0130959430世界各地拥有馆藏的图书馆（OCLC）:2229 Mathematics for Physical Chemistry by Donald A. McQuarrie and Mervin Hansen (Paperback - Apr. 10, 2008)ISBN-13: 978-1891389566世界各地拥有馆藏的图书馆（OCLC）:25510 Student Solutions Manual to accompany Physical Chemistry by Ira N. Levine (Paperback - July 11, 2008)ISBN-13: 978-0072538632世界各地拥有馆藏的图书馆（OCLC）:10 |

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