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| 课程代码（Coursenumber CHEM 255  课程对象（Audience） Primarily for Graduates  开课教师（Teacher） Waymouth, R.  学期（Semester） Terms: Spr  课程描述（Description）） Chemical reactions of organotransition metal complexes and their role in homogeneous catalysis. Analogous patterns among reactions of transition metal complexes in lower oxidation states. Physical methods of structure determination. Prerequisite: one year of physical chemistry.  课时信息（Totalhours） Units: 3  教参信息（Textbookinfo） 1 Inorganic Chemistry (3rd Edition) by Catherine Housecroft and Alan G. Sharpe (Paperback - Dec. 9, 2007) ISBN-13: 978-0131755536 世界各地拥有馆藏的图书馆（OCLC）:68 2 Inorganic Experiments by J. Derek Woollins (Hardcover - Feb. 22, 2010) ISBN-13: 978-3527324729 世界各地拥有馆藏的图书馆（OCLC）:50 3 Advanced Inorganic Fluorides: Synthesis, Characterization and Applications by T. Nakajima, B. Zemva, and A. Tressaud (Hardcover - May 26, 2000) ISBN-13: 978-0444720023 4 Transition Metal Carbonyl Cluster Chemistry (Advanced Chemistry Texts, Volume 2) (v. 2) by Paul J. Dyson and J. Scott McIndoe (Hardcover - Nov. 17, 2000) ISBN-13: 978-9056992897 5 Introduction to Materials Chemistry by H. R. Allcock (Hardcover - Sept. 9, 2008) ISBN-13: 978-0470293331 世界各地拥有馆藏的图书馆（OCLC）:251 6 Advanced Structural Inorganic Chemistry (International Union of Crystallography Texts on Crystallography) by Wai-Kee Li, Gong-Du Zhou, and Thomas Mak (Paperback - June 2, 2008) ISBN-13: 978-0199216956 世界各地拥有馆藏的图书馆（OCLC）:240 7 Novel Metathesis Chemistry: Well-Defined Initiator Systems for Specialty Chemical Synthesis, Tailored Polymers and Advanced Material Applications (NATO ... II: Mathematics, Physics and Chemistry) by Y. Imamoglu and L. Bencze (Hardcover - Nov. 30, 2003) ISBN-13: 978-1402015700 世界各地拥有馆藏的图书馆（OCLC）:80 8 Molten Salts: From Fundamentals to Applications - Proceedings of the NATO Advanced Study Institute, held in (NATO Science Series II: Mathematics, Physics and Chemistry) by Marcelle Gaune-Escard (Paperback - Jan. 22, 2002) ISBN-13: 978-1402004599 世界各地拥有馆藏的图书馆（OCLC）:53 9 Design and Control of Structure of Advanced Carbon Materials for Enhanced Performance by Brian Rand, Stephen P. Appleyard, and M. Ferhat Yardim (Hardcover - Aug. 31, 2001) ISBN-13: 978-1402000027 世界各地拥有馆藏的图书馆（OCLC）:71 10 Inorganic Chemistry: Principles of Structure and Reactivity (4th Edition) by James E. Huheey, Ellen A. Keiter, and Richard L. Keiter (Hardcover - Jan. 17, 1997) ISBN-13: 978-0060429959 |