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| 课程代码（Coursenumber）CHEM 153课程对象（Audience）Primarily for Undergraduates开课教师（Teacher）Solomon, E.学期（Semester）Terms: Spr课程描述（Description））The theoretical aspects of inorganic chemistry. Group theory; many-electron atomic theory; molecular orbital theory emphasizing general concepts and group theory; ligand field theory; application of physical methods to predict the geometry, magnetism, and electronic spectra of transition metal complexes. Prerequisites: 151, 173.课时信息（Totalhours）Units: 3教参信息（Textbookinfo）1 Principles and Applications of Density Functional Theory in Inorganic Chemistry II (Structure and Bonding) (v. 2) by N. Kaltsoyannis and J.E. McGrady (Hardcover - Nov. 10, 2004)ISBN-13: 978-3540218616世界各地拥有馆藏的图书馆（OCLC）:1252 Inorganic & Physical Chemistry (Ii): Core Concepts: A2 Chemistry (As/a-Level Photocopiable Teacher Resource Packs) by Anthony Ellison (Hardcover - Dec. 6, 2009)ISBN-13: 978-0340974650世界各地拥有馆藏的图书馆（OCLC）:13 Inorganic & Physical Chemistry (Ii): As Chemistry Core Concepts (As/a-Level Photocopiable Teacher Resource Packs) by Mark Wardrop (Hardcover - Nov. 10, 2009)ISBN-13: 978-0340974667世界各地拥有馆藏的图书馆（OCLC）:14 Inorganic Chemistry in Focus II by Gerd Meyer, Dieter Naumann, and Lars Wesemann (Paperback - May 6, 2005)ISBN-13: 978-3527308118世界各地拥有馆藏的图书馆（OCLC）:1515 Comprehensive Organometallic Chemistry II: Silicon Group, Arsenic, Antimony and Bismuth (Volume 2) by A.G. Davies (Hardcover - Sept. 24, 2002)ISBN-13: 978-0080423098世界各地拥有馆藏的图书馆（OCLC）:186 Lithium, Beryllium and Boron Groups (Comprehensive Organometallic Chemistry II) by C.E. Housecroft (Hardcover - Sept. 24, 2002)ISBN-13: 978-00804230817 Scandium, Yttrium, Lanthanides and Actinides, and Titanium, Zirconium, and Hafnium (Comprehensive Organometallic Chemistry II) (Vol 4) by M.F. Lappert (Hardcover - Sept. 24, 2002)ISBN-13: 978-00804231118 Vanadium and Chromium Groups (Comprehensive Organometallic Chemistry II) by J.A. Labinger and M.J. Winter (Hardcover - Oct. 5, 2004)ISBN-13: 978-00804231289 Manganese Group (Comprehensive Organometallic Chemistry II) by C.P. Casey (Hardcover - Oct. 5, 2004)ISBN-13: 978-008042313510 Iron, Ruthenium and Osmium (Comprehensive Organometallic Chemistry II) by D.F. Schriver and M.I. Bruce (Hardcover - Sept. 24, 2002)ISBN-13: 978-0080423142 |

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