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Nota di contenuto	Intro -- PHYSICAL INORGANIC CHEMISTRY -- CONTENTS -- Preface -- Contributors -- 1 Inorganic and Bioinorganic Spectroscopy -- 2 (57)Fe Mössbauer Spectroscopy in Chemistry and Biology -- 3 Magnetochemical Methods and Models in Inorganic Chemistry -- 4 Cryoradiolysis as a Method for Mechanistic Studies in Inorganic Biochemistry -- 5 Absolute Chiral Structures of Inorganic Compounds -- 6 Flash Photolysis and Chemistry of Transients and Excited States -- 7 Application of High Pressure in the Elucidation of Inorganic and Bioinorganic Reaction Mechanisms -- 8 Chemical Kinetics as a Mechanistic Tool -- 9 Heavy Atom Isotope Effects as Probes of Small Molecule Activation -- 10 Computational Studies of Reactivity in Transition Metal Chemistry -- Index.
Sommario/riassunto	Physical Inorganic Chemistry contains the fundamentals of physical inorganic chemistry, including information on reaction types, and treatments of reaction mechanisms. Additionally, the text explores complex reactions and processes in terms of energy, environment, and

health. This valuable resource closely examines mechanisms, an under-discussed topic. Divided into two sections, researchers, professors, and students will find the wide range of topics, including the most cutting edge topics in chemistry, like the future of solar energy, catalysis, environmental issues, climate changes atmosphere, and human health, essential to understanding chemistry.