

1. Record Nr.	UNINA9911019956403321
Titolo	Photoselective chemistry . Part 1 // edited by Joshua Jortner, Raphael D. Levine, Stuart A. Rice
Pubbl/distr/stampa	New York, : Wiley, 1981
ISBN	9786612347023 9781282347021 1282347020 9780470142677 0470142677 9780470143131 0470143134
Descrizione fisica	1 online resource (786 p.)
Collana	Advances in chemical physics ; ; 47
Altri autori (Persone)	JortnerJoshua LevineRaphael D RiceStuart Alan <1932-2024.>
Disciplina	541.305 541/.08
Soggetti	Photochemistry Molecular dynamics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	PHOTOSELECTIVE CHEMISTRY; CONTENTS; PHOTOSELECTIVE CHEMISTRY; Section 1. Aspects of Intramolecular Dynamics; AN OVERVIEW OF THE DYNAMICS OF INTRAMOLECULAR TRANSFER OF VIBRATIONAL ENERGY; INTRAMOLECULAR ENERGY TRANSFER: THEORIES FOR THE ONSET OF STATISTICAL BEHAVIOR; THE INFORMATION THEORETIC APPROACH TO INTRAMOLECULAR DYNAMICS; BOND MODES; VAN DER WAALS MOLECULES; INTRAMOLECULAR DYNAMICS OF VAN DER WAALS MOLECULES; Section 2. Multiphoton-Induced Chemistry; REDUCED EQUATIONS OF MOTION FOR COLLISIONLESS MOLECULAR MULTIPHOTON PROCESSES; N-LEVEL MULTIPLE RESONANCE LASER EXCITATION OF SF6 : SPECTROSCOPY AND COHERENT PULSE

PROPAGATION EFFECTS INITIATION OF ATOM-MOLECULE REACTIONS BY INFRARED MULTIPHOTON DISSOCIATION; INFRARED LASER CHEMISTRY OF COMPLEX MOLECULES; LUMINESCENCE OF PARENT MOLECULE INDUCED BY MULTIPHOTON INFRARED EXCITATION; ELECTRONIC LUMINESCENCE RESULTING FROM INFRARED MULTIPLE PHOTON EXCITATION; ELECTRONICALLY EXCITED FRAGMENTS FORMED; Author Index; Subject Index

---

Sommario/riassunto

The Advances in Chemical Physics series provides the chemical physics and physical chemistry fields with a forum for critical, authoritative evaluations of advances in every area of the discipline. Filled with cutting-edge research reported in a cohesive manner not found elsewhere in the literature, each volume of the Advances in Chemical Physics series serves as the perfect supplement to any advanced graduate class devoted to the study of chemical physics.

---