

1. Record Nr.	UNINA9910642718903321
Titolo	Dynamical processes in condensed matter [[electronic resource] /] / edited by Myron W. Evans
Pubbl/distr/stampa	New York, : Wiley, c1985
ISBN	1-282-34718-7 9786612347184 0-470-14287-1 0-470-14332-0
Descrizione fisica	1 online resource (883 p.)
Collana	Advances in chemical physics, , 0065-2385 ; ; v. 63
Altri autori (Persone)	EvansMyron W <1950-> (Myron Wyn)
Disciplina	530.4 541.305 541/.08
Soggetti	Condensed matter Chemistry, Physical and theoretical
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"An Interscience publication."
Nota di bibliografia	Includes bibliographies and indexes.
Nota di contenuto	DYNAMICAL PROCESSES IN CONDENSED MATTER; CONTENTS; TRANSPORT PROPERTIES AND SOLITON MODELS OF POLYACETYLENE; DEVELOPMENT AND APPLICATION OF THE THEORY OF BROWNIAN MOTION; THE FADING OF MEMORY DURING THE REGRESSION OF STRUCTURAL FLUCTUATIONS; COOPERATIVE MOLECULAR BEHAVIOR AND FIELD EFFECTS ON LIQUIDS: EXPERIMENTAL CONSIDERATIONS; A REVIEW AND COMPUTER SIMULATION OF THE MOLECULAR DYNAMICS OF A SERIES OF SPECIFIC MOLECULAR LIQUIDS; RECENT ADVANCES IN MOLECULAR- DYNAMICS COMPUTER SIMULATION; NONADIABATIC SCATTERING PROBLEMS IN LIQUID-STATE VIBRAfIONAL RELAXATION THE BREAKDOWN OF THE KRAMERS THEORY AS A PROBLEM OF CORRECT MODELINGMOLECULAR DYNAMICS IN RIGID-ROD MACROMOLECULAR LYOTROPIC LIQUID CRYSTALS; THE LOCAL FIELD IN THE STATISTICAL-MECHANICAL THEORY OF DIELECTRIC POLARIZATION; ADVANCES IN MICROWAVE AND SUBMILLIMETER-WAVE DIELECTRIC SPECTROSCOPIC TECHNIQUES AND THEIR APPLICATIONS; AUTHOR INDEX; SUBJECT INDEX

## Sommario/riassunto

Featuring the work of an international group of scholars, this volume covers the transport properties and Soliton models of Polyacetylene, development and application of the theory of Brownian Motion, the fading of memory during the regression of structural fluctuations, the breakdown of the Kramers Theory as a problem of correct modeling, and more.

---