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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 VIBRATIONAL 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

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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.

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