Record Nr. UNINA9910830628603321 **Titolo** Modern nonlinear optics . Part 1 [[electronic resource] /] / edited by Myron Evans, Stanisaw Kielich Pubbl/distr/stampa New York, : Wiley, c1993 **ISBN** 1-282-68192-3 9786612681929 0-470-14143-3 0-470-14196-4 Descrizione fisica 1 online resource (642 p.) Collana Advances in chemical physics: ; v. 85/1 EvansMyron W <1950-> (Myron Wyn) Altri autori (Persone) KielichStanisaw Disciplina 535.2 541.305 541/.08 Soggetti Nonlinear optics **Optics** 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 MODERN NONLINEAR OPTICS Part 1; CONTENTS; RELAXATION THEORY OF NONLINEAR PROCESSES IN THE SMOLUCHOWSKI ROTATIONAL BY MONODISPERSE SOLUTIONS OF RIGID, ANISOTROPIC

OF NONLINEAR PROCESSES IN THE SMOLUCHOWSKI ROTATIONAL DIFFUSION APPROXIMATION; SPECTRAL ANALYSIS OF LIGHT SCATTERED BY MONODISPERSE SOLUTIONS OF RIGID, ANISOTROPIC MACROMOLECULES IN A REORIENTING AC ELECTRIC FIELD; HYPER-RAYLEIGH AND HYPER-RAMAN ROTATIONAL AND VIBRATIONAL SPECTROSCOPY; POLARIZATION PROPERTIES OF HYPER-RAYLEIGH AND HYPER-RAMAN SCATTERINGS; FAST MOLECULAR REORIENTATION IN LIQUID CRYSTALS PROBED BY NONLINEAR OPTICS; NONLINEAR PROPAGATION OF LASER LIGHT OF DIFFERENT POLARIZATIONS SELF-ORGANIZED NONLINEAR OPTICAL PHENOMENA IN OPTICAL FIBERSNONLINEAR MAGNETO-OPTICS OF MAGNETICALLY ORDERED CRYSTALS; DYNAMICAL QUESTIONS IN QUANTUM OPTICS; PHOTON STATISTICS OF NONCLASSICAL FIELDS; QUANTUM RESONANCE FLUORESCENCE FROM MUTUALLY CORRELATED ATOMS; SQUEEZED STATES OF LIGHT IN THE SECOND AND THIRD HARMONIC GENERATED

## Sommario/riassunto

## BY SELF-SQUEEZED LIGHT; SELF-SQUEEZING OF ELLIPTICALLY POLARIZED LIGHT PROPAGATING IN A KERR-LIKE OPTICALLY ACTIVE MEDIUM; AUTHOR INDEX; SUBJECT INDEX

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