1. Record Nr. UNINA9910830322003321 Autore Evans Myron W **Titolo** Advances in Chemical Physics [[electronic resource]]: Modern Nonlinear Optics. Part 2 Pubbl/distr/stampa Hoboken, : Wiley, 2004 **ISBN** 1-280-36778-4 9786610367788 0-470-35598-0 0-471-46612-3 0-471-23148-7 Edizione [2nd ed.] Descrizione fisica 1 online resource (839 p.) Advances in chemical physics; v.154 Collana Disciplina 535.2 541.305 541/.08 Soggetti Chemistry, Physical and theoretical Chemistry, Physical and theoretical -- Periodicals **Physics** Physics -- Periodicals Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto MODERN NONLINEAR OPTICS Part 2 Second Edition ADVANCES IN CHEMICAL PHYSICS VOLUME 119: CONTRIBUTORS TO VOLUME 119 Part 2; INTRODUCTION; PREFACE; CONTENTS; OPTICAL EFFECTS OF AN EXTENDED ELECTROMAGNETIC THEORY; O(3) ELECTRODYNAMICS; SYMMETRY AND EXACT SOLUTIONS OF THE MAXWELL AND SU(2) YANG-MILLS EQUATIONS; CHAOS IN OPTICAL SYSTEMS; NON-ABELIAN STOKES THEOREM; THE LINK BETWEEN THE SACHS AND O(3) THEORIES OF ELECTRODYNAMICS; THE LINK BETWEEN THE TOPOLOGICAL THEORY OF RANADA AND TRUEBA, THE SACHS THEORY, AND O(3) ELECTRODYNAMICS; BEYOND NONCAUSAL QUANTUM PHYSICS;

ELECTRODYNAMICS AND TOPOLOGY

QUANTUM ELECTRODYNAMICS: POTENTIALS, GAUGE INVARIANCE, AND ANALOGY TO CLASSICAL ELECTRODYNAMICSEXTRACTING AND USING ELECTROMAGNETIC ENERGY FROM THE ACTIVE VACUUM; ENERGY FROM

Sommario/riassunto

THE ACTIVE VACUUM: THE MOTIONLESS ELECTROMAGNETIC GENERATOR; AUTHOR INDEX; SUBJECT INDEX

The new edition will provide the sole comprehensive resource available for non-linear optics, including detailed descriptions of the advances over the last decade from world-renowned experts.