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Titolo	Advances in chemical physics . Volume 119 Part 3,Modern nonlinear optics [[electronic resource] /] / edited by Myron W. Evans
Pubbl/distr/stampa	New York, : J. Wiley, c2001
ISBN	1-280-36777-6 9786610367771 0-470-35599-9 0-471-46611-5 0-471-23149-5
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (804 p.)
Collana	Advances in chemical physics, , 0065-2385 ; ; v. 119
Altri autori (Persone)	EvansMyron W <1950-> (Myron Wyn)
Disciplina	535.2 541.3 541.305 541/.08
Soggetti	Chemistry, Physical and theoretical Chemistry Nonlinear optics Quantum optics Electronic books.
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 3 Second Edition ADVANCES IN CHEMICAL PHYSICS VOLUME 119; CONTRIBUTORS TO VOLUME 119 Part 3; INTRODUCTION; PREFACE; CONTENTS; THE PRESENT STATUS OF THE QUANTUM THEORY OF LIGHT; TOPOLOGICAL ELECTROMAGNETISM WITH HIDDEN NONLINEARITY; ELLIPSOIDS IN HOLOGRAPHY AND RELATIVITY; ASTROPHYSICS IN THE DARK: MACH'S PRINCIPLE LIGHTS THE WAY; A SEMICLASSICAL MODEL OF THE PHOTON BASED ON OBJECTIVE REALITY AND CONTAINING LONGITUDINAL FIELD COMPONENTS; SIGNIFICANCE OF THE SAGNAC EFFECT: BEYOND THE CONTEMPORARY PHYSICS; NON-ABELIAN ELECTRODYNAMICS: PROGRESS AND PROBLEMS

FLUCTUATIONAL ESCAPE AND RELATED PHENOMENA IN NONLINEAR OPTICAL SYSTEMS BELTRAMI VECTOR FIELDS IN ELECTRODYNAMICS-A REASON FOR REEXAMINING THE STRUCTURAL FOUNDATIONS OF CLASSICAL FIELD PHYSICS?; CONSTANCY OF VELOCITY OF LIGHT AND STOCHASTIC BACKGROUND; ENERGY FOR THE FUTURE: HIGH-DENSITY CHARGE CLUSTERS; THE SUPERLUMINAL THEORY AND EFFECTS; SUPERLUMINAL EFFECTS AND TACHYON THEORY; TOPOLOGICAL APPROACHES TO ELECTROMAGNETISM; AUTHOR INDEX; SUBJECT INDEX

Sommario/riassunto

Significant advances have occurred in the field since the previous edition, including advances in light squeezing, single photon optics, phase conjugation, and laser technology. The laser is essentially responsible for nonlinear effects and is extensively used in all branches of science, industry, and medicine.

2. Record Nr.	UNINA9910783199803321
Autore	Plato
Titolo	Plato's Parmenides [[electronic resource] /] / translation with introduction and commentary by Samuel Scolnicov
Pubbl/distr/stampa	Berkeley, : University of California Press, c2003
ISBN	1-282-35508-2 9786612355080 0-520-92511-4 1-59734-810-4
Descrizione fisica	1 online resource (207 p.)
Collana	The Joan Palevsky imprint in classical literature
Altri autori (Persone)	ScolnicovSamuel
Disciplina	184
Soggetti	Ontology Reasoning Dialectic
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 (p. 167-174) and indexes.
Nota di contenuto	Front matter -- Contents -- Tables and Figures -- Abbreviations -- Acknowledgments -- Introduction -- Parmenides -- Bibliography -- Index Locorum -- Index Nominum -- Index of Greek Words and

Of all Plato's dialogues, the Parmenides is notoriously the most difficult to interpret. Scholars of all periods have disagreed about its aims and subject matter. The interpretations have ranged from reading the dialogue as an introduction to the whole of Platonic metaphysics to seeing it as a collection of sophisticated tricks, or even as an elaborate joke. This work presents an illuminating new translation of the dialogue together with an extensive introduction and running commentary, giving a unified explanation of the Parmenides and integrating it firmly within the context of Plato's metaphysics and methodology. Scolnicov shows that in the Parmenides Plato addresses the most serious challenge to his own philosophy: the monism of Parmenides and the Eleatics. In addition to providing a serious rebuttal to Parmenides, Plato here re-formulates his own theory of forms and participation, arguments that are central to the whole of Platonic thought, and provides these concepts with a rigorous logical and philosophical foundation. In Scolnicov's analysis, the Parmenides emerges as an extension of ideas from Plato's middle dialogues and as an opening to the later dialogues. Scolnicov's analysis is crisp and lucid, offering a persuasive approach to a complicated dialogue. This translation follows the Greek closely, and the commentary affords the Greekless reader a clear understanding of how Scolnicov's interpretation emerges from the text. This volume will provide a valuable introduction and framework for understanding a dialogue that continues to generate lively discussion today.
