1. Record Nr. UNINA9910463297603321

Autore	Kumar B. N
Titolo	Basic physics for all [[electronic resource] /] / B.N. Kumar
Pubbl/distr/stampa	Lanham, MD, : University Press of America, c2009
ISBN	1-283-61378-6 9786613926234 0-7618-4783-9
Descrizione fisica	1 online resource (87 p.)
Disciplina	530
Soggetti	Physics Physical sciences Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Title Page; Copyright Page; Table of Contents; Purpose and Audience; I. Statics; II. Dynamics; III. Hydrostatics; IV. Sound; V. Heat; VI. Light; VII. Magnetism; VIII. Electrostatics; IX. Current Electricity
Sommario/riassunto	This is a simple, concise book for both student and non-physics students, presenting basic facts in straightforward form and conveying fundamental principles and theories of physics. This book will be helpful as a supplement to class teaching and to aid those who have difficulty in mastering concepts and principles.

2. Record Nr. UNINA9910462802603321

Titolo	Brains top down [[electronic resource]] : is top-down causation challenging neuroscience? / / [edited by] Gennaro Auletta, Ivan Colage, Marc Jeannerod
Pubbl/distr/stampa	New Jersey, : World Scientific, 2013
ISBN	981-4412-46-5
Edizione	[Electronic version]
Descrizione fisica	1 online resource (x, 365 pages) : illustrations (some color)
Altri autori (Persone)	AulettaGennaro <1957-> ColageIvan JeannerodMarc
Disciplina	612.8/2
Soggetti	Brain - Physiology Neurosciences 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 index.
Nota di contenuto	Introduction: Consciousness as a Top-Down Causal Agency / G. Auletta and M. Jeannerod -- A Constraining Role of the Mind? / G. Auletta -- Neurons, Schemas, Persons and Society-- Revisited / M.A. Arbib -- The Neural Basis of Consciousness and the Issue of Downward Causation / Notes by G. Auletta and I. Colage on Damasio's contribution -- The Functional Role of Conscious Will in Voluntary Action: Cause or Consequence? A Position Paper / M. Jeannerod -- Can the Self Be Considered a Cause? / J.J. Sanguineti -- The Brain: A Highly Distributed Self-Organizing System. Who Has the Initiative? / W. Singer -- Two Views of Brain Functioning / M. Raichle -- Top-Down Causation in the Brain: Promises for Cognitive Psychology and Challenges for Research / C.R. Crowell [and 3 others] -- Consciousness and the Global Neuronal Workspace Hypothesis: From Bottom-Up to Top-Down Causation and Vice Versa / G Auletta and I Colagè -- Computation, Representation and Physicalism / P. Jacob -- Overall Discussion
Sommario/riassunto	Written by an international team of leading experts in neuroscience, this book presents an overview of some of the main schools of thought as well as current research trends in neuroscience. It focuses on neural

	top-down causation applied to hot topics like consciousness, emotions, the self and the will, action and behavior, neural networks, brains and society. A special feature of the book is pertinent presentations and lively discussions on the topic. The book provides the reader with invaluable information on what the latest research is in this field and will enable the reader to gain considerable amount of knowledge as well as hints for further enquiry. -- Publisher

3.	Record Nr.	UNINA9910144268703321
	Titolo	New methods in computational quantum mechanics [[electronic resource] /] / edited by I. Prigogine and Stuart A. Rice
	Pubbl/distr/stampa	New York, : J. Wiley, c1996
	ISBN	1-282-68204-0 9786612682049 0-470-14152-2 0-470-14205-7
	Descrizione fisica	1 online resource (829 p.)
	Collana	Advances in chemical physics ; ; v. 93
	Altri autori (Persone)	PrigogineI (Ilya) RiceStuart Alan <1932->
	Disciplina	539 541.305 541/.08
	Soggetti	Chemistry - Mathematics Quantum chemistry 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	Advances in CHEMICAL PHYSICS; CONTENTS; QUANTUM MONTE CARLO METHODS IN CHEMISTRY; MONTE CARL0 METHODS FOR REAL-TIME PATH INTEGRATION; THE REDFIELD EQUATION IN CONDENSED-PHASE QUANTUM DYNAMICS; PATH-INTEGRAL CENTROID METHODS IN QUANTUM STATISTICAL MECHANICS AND DYNAMICS; MULTICONFIGURATIONAL PERTURBATION THEORY : APPLICATIONS IN

ELECTRONIC SPECTROSCOPY; ELECTRONIC STRUCTURE CALCULATIONS FOR MOLECULES CONTAINING TRANSITION METALS; THE INTERFACE BETWEEN ELECTRONIC STRUCTURE THEORY AND REACTION DYNAMICS BY REACTION PATH METHODS; ALGEBRAIC MODELS IN MOLECULAR SPECTROSCOPY
TIGHT-BINDING MOLECULAR DYNAMICS STUDIES OF COVALENT SYSTEMSPERSPECTIVES ON: SEMIEMPIRICAL MOLECULAR ORBITAL THEORY; AUTHOR INDEX; SUBJECT INDEX

Sommario/riassunto

The use of quantum chemistry for the quantitative prediction of molecular properties has long been frustrated by the technical difficulty of carrying out the needed computations. In the last decade there have been substantial advances in the formalism and computer hardware needed to carry out accurate calculations of molecular properties efficiently. These advances have been sufficient to make quantum chemical calculations a reliable tool for the quantitative interpretation of chemical phenomena and a guide to laboratory experiments. However, the success of these recent developments in computa