1. Record Nr. UNINA9910563042303321

Autore	Kunert Ilse <1923->
Titolo	J.U. Niemcewicz: Spiewy historyczne : Geschichtsauffassung und -Darstellung / / Ilse Kunert
Pubbl/distr/stampa	Munich, Germany, : Verlag Otto Sagner, 2012, c1968
Descrizione fisica	1 online resource (ii, 132 p.)
Collana	Slavistische Beitrage ; ; Band 28
Soggetti	linguistics Poland History Revolution of 1794 Personal narratives
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Enthalt Bibliografie. Durchsuchbare elektronische Faksimileausgabe als PDF. Digitalisiert im Rahmen des DFG-Projektes Digi20 in Kooperation mit der BSB Munchen. OCR-Bearbeitung durch den Verlag Otto Sagner.

2. Record Nr. UNINA9910566474803321

Autore	Antonov Dmitry
Titolo	Modern Approaches to Non-Perturbative QCD and other Confining Gauge Theories
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (298 p.)
Soggetti	Research & information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book contains seven reviews and four research articles on the various modern approaches to the problem of quark confinement in quantum chromodynamics (QCD). These approaches include microscopic models of the Yang-Mills vacuum, which are based on the condensation of magnetic monopoles and center vortices, as well as the models of the confining quark-antiquark string. Possible applications of these models to the analysis of the novel superinsulating state, which emerges in such condensed-matter systems as Josephson junction arrays, are further discussed in one of the reviews. Two reviews from this collection discuss the approaches towards the analytic construction of effective confining theories, at the classical level and within the center-vortex model of the Yang-Mills vacuum. Other aspects of non-perturbative physics addressed by this collection include a possible connection between the localization of low-lying Dirac eigenmodes with the deconfinement and the chiral QCD phase transitions, as well as the role of topology in baryon-rich matter. Last but not least, a novel model of dark matter, based on ultralight axion particles, whose masses are arising due to distinct SU(2) Yang-Mills scales and the Planck mass, is suggested and developed in one of the contributed articles.

3. Record Nr. UNINA9910254576903321

Autore	Povh Bogdan
Titolo	Scattering and Structures : Essentials and Analogies in Quantum Physics / / by Bogdan Povh, Mitja Rosina
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2017
ISBN	3-662-54515-2
Edizione	[2nd ed. 2017.]
Descrizione fisica	1 online resource (XVII, 227 p. 119 illus.)
Collana	Graduate Texts in Physics, , 1868-4513
Disciplina	530.12
Soggetti	Quantum theory Nuclear physics Particles (Nuclear physics) Quantum field theory Astronomy Astrophysics Atoms Physics Quantum Physics Particle and Nuclear Physics Elementary Particles, Quantum Field Theory Astronomy, Astrophysics and Cosmology Atomic, Molecular, Optical and Plasma Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Photon Scattering - Form Factors -- Lepton Scattering - Nucleon Radius -- Quasi-Elastic Scattering - Virtual Photons and Gluons -- The Hydrogen Atom - The Playground of Quantum Mechanics -- Many Electron Atoms - Shell Structure -- Covalent and Ionic Binding - Electron Sharing -- Intermolecular Forces - Building Complex Structures -- Cold Neutron - Spectroscopy of the Solid State -- Quantum Gases - Quantum Degeneration -- Quantum Liquids - Superfluidity -- Metals - Quasi-free Electrons -- Hadrons - Atoms of Strong Interaction -- The Nuclear Force - Pion Sharing -- Nuclei -

	Droplets of a Fermi Liquid -- Stars, Planets and Asteroids - Interplay between Gravitation and Quantum Phenomena -- Elementary Particles - Fundamental Interactions -- Cosmology - The Early Universe.
Sommario/riassunto	Quantum physics may appear complicated, especially if one forgets the "big picture" and gets lost in the details. However, it can become clearer and less tangled if one applies a few fundamental concepts so that simplified approaches can emerge and estimated orders of magnitude become clear. Povh and Rosina's Scattering and Structures presents the properties of quantum systems (elementary particles, nucleons, atoms, molecules, quantum gases, quantum liquids, stars, and early universe) with the help of elementary concepts and analogies between these seemingly different systems. In this new edition, sections on quantum gases and an up to date overview of elementary particles have been added.