

1. Record Nr.	UNINA990003903360403321
Autore	Howson, Susan
Titolo	The collected papers of James Meade vol I° : Employment and inflation / Howson Susan
Pubbl/distr/stampa	London : Unwin Himan, 1988
ISBN	0-04-331115-6
Descrizione fisica	431 p ; 24 cm
Locazione	DECTS
Collocazione	A01.52
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNISA996466799103316
Titolo	Extended Density Functionals in Nuclear Structure Physics [[electronic resource] /] / edited by G. A. Lalazissis, Peter Ring, D. Vretenar
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2004
ISBN	3-540-39911-9
Edizione	[1st ed. 2004.]
Descrizione fisica	1 online resource (XIV, 378 p.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 641
Disciplina	539.7/4
Soggetti	Nuclear physics Particle and Nuclear Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Next Generation Relativistic Models -- Covariant Effective Field Theory for Nuclear Structure and Nuclear Currents -- Exploring The Nucleus in the Context of Low-Energy QCD -- The Relativistic Dirac-Brueckner

Approach to Nuclear Matter -- Density Dependent Relativistic Field Theory -- Covariant Density Functional Theory and Applications to Finite Nuclei -- Symmetry in the Relativistic Mean Field Approximation -- Vacuum, Matter, and Antimatter -- Mean Field: Relativistic Versus Non-Relativistic -- Angular Momentum Projection and Quadrupole Correlations Effects in Atomic Nuclei -- Pairing and Continuum Effects in Exotic Nuclei.

---

#### Sommario/riassunto

The experimental and theoretical investigation of nuclei far from the valley of beta-stability is the main subject of modern nuclear structure research. Although the most successful nuclear structure models are purely phenomenological, they nevertheless exploit basic properties of QCD at low energies. This book focuses on the current efforts to bridge the gap between phenomenology and the principles derived from QCD using the extended density functional approach which is based on the successful DFT methods to tackle similarly complex interacting systems in molecular and condensed matter physics. Conceived as a series of pedagogical lectures, this volume addresses researchers in the field as well as postgraduate students and non-specialized scientists from related areas who seek a high-level but accessible introduction to the subject. .

---