

1. Record Nr.	UNINA9910137150203321
Titolo	Revista iberoamericana de educación
Pubbl/distr/stampa	Madrid, España : , : Organización de los Estados Iberoamericanos para la Educación, la Ciencia y la Cultura, , 1993-
ISSN	1681-5653
Soggetti	Education - Latin America Education - Spain Education - Portugal Education Educació Periodicals. Latin America Portugal Spain
Lingua di pubblicazione	Spagnolo
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

2. Record Nr.	UNISALENT0991004382233507536
Autore	Benhar, Omar
Titolo	Structure and dynamics of compact stars / Omar Benhar
Pubbl/distr/stampa	Cham : Springer, 2023
ISBN	9783031356278
Descrizione fisica	xi, 169 p. : fig., graph., 24 cm
Collana	Lecture notes in physics ; 1019
Classificazione	52.9.53
Disciplina	523.8874
Soggetti	Neutron Stars Astrophysics Nuclear physics Gravitation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Sommario/riassunto	<p>This book aims at providing an accessible, and yet comprehensive and self-contained discussion of compact stars. After a pedagogical introduction to the physics of white dwarfs, the bulk of the book is devoted to the analysis of the structure and dynamics of neutron stars. A great deal of emphasis is placed on the dynamical models underlying the description of neutron star matter at microscopic level. The analysis of these models is inherently cross-disciplinary - from nuclear and particle physics to astrophysics and condensed matter physics - and the relevant concepts are introduced following a didactic approach, drawing largely on the historical development of the field. The impact of the latest experimental data, such as gravitational waves emissions, and the potential of future observational developments in the new era of multimessenger astronomy are extensively discussed. This volume is intended to provide PhD students in physics and astrophysics with solid foundations for their future research career. It is also a useful tool for the broader audience of more advanced readers, working in the fields of nuclear and particle physics as well as gravitational physics</p>