

1. Record Nr.	UNINA9910300436403321
Titolo	Nuclear Physics: Present and Future // edited by Walter Greiner
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-10199-4
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (300 p.)
Collana	FIAS Interdisciplinary Science Series, , 2522-8900
Disciplina	530 539.7092 539.73 541.38
Soggetti	Nuclear physics Heavy ions Particle acceleration Nuclear chemistry Nuclear Physics, Heavy Ions, Hadrons Particle Acceleration and Detection, Beam Physics Nuclear Chemistry
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.
Nota di contenuto	Dedication to Prof. Mikhail Itkis -- Superheavy elements -- Nuclear Structure -- Nuclear Fission -- Heavy Ion Physics -- Supercritical Fields -- Astrophysics and Relativity -- Photographs.
Sommario/riassunto	State-of-the-art survey of topics in nuclear physics by leading practitioners in the field. Major foci are superheavy nuclei and neutron-rich exotic nuclei. In addition new developments in nuclear fission and nuclear cluster decay are shown. Finally developments in relativistic heavy ion collisions and the physics of supercritical fields are detailed.