1. Record Nr. UNINA9910453477303321

Titolo	Transitioning to sustainability through research and development on ecosystem services and biofuels [[electronic resource]] : workshop summary / / Patricia Koshel and Kathleen McAllister, rapporteurs ; Science and Technology for Sustainability Program, Policy and Global Affairs, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2008
ISBN	1-281-76735-2 9786611767358 0-309-11983-9
Descrizione fisica	xi, 118 p. : ill
Altri autori (Persone)	KoshelPatricia McAllisterKathleen
Disciplina	333.95/390973
Soggetti	Biomass energy - Research - United States Energy crops - Research - United States Ecosystem management - Research - United States Sustainable living - Research - United States Energy policy - United States Environmental policy - United States Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.

2. Record Nr. UNISA996466739303316

Autore	Grupen Claus
Titolo	Neutrinos, Dark Matter and Co. : from the discovery of cosmic radiation to the latest results in astroparticle physics / / Claus Grupen
Pubbl/distr/stampa	Wiesbaden, Germany : , : Springer, , [2021] ©2021
ISBN	3-658-32547-X
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (xum 51 pages) : illustrations (some color), charts
Collana	Essentials
Disciplina	523.01
Soggetti	Astrophysics Particles (Nuclear physics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Historical introduction to astroparticle physics -- Charged component of primary cosmic rays -- X-ray astronomy, gamma astronomy, neutrino astronomy -- Gravitational waves, cosmology, astrobiology.
Sommario/riassunto	In this essential, Claus Grupen discusses astroparticle physics in a brief historical outline and describes the latest results without going into mathematical detail. Understood as an introduction to this new field of research, it gives an overview of what is going on in the sky, between the stars and between the galaxies. Much is already well understood, but every time a solution is found, new questions arise - the author also addresses this spectrum of questions with a few answers. Today, astroparticle physics is an active, interdisciplinary research area that encompasses and unites astronomy, cosmic rays and elementary particle physics. This Springer essential is a translation of the original German 1st edition essentials, Neutrinos, Dunkle Materie und Co. by Claus Grupen, published by Springer Fachmedien Wiesbaden GmbH, part of Springer Nature in 2021.The translation was done with the help of artificial intelligence (machine translation by the service DeepL.com). A subsequent human revision was done primarily in terms of content, so that the book will read stylistically differently from a conventional translation. Springer Nature works continuously to further the development of tools for the production of books and on the related

technologies to support the authors The content Historical introduction to astroparticle physics Charged component of primary cosmic rays X-ray astronomy, gamma astronomy, neutrino astronomy Gravitational waves, cosmology, astrobiology The target groups Physics students Readers interested in modern astronomy and astrophysics The author Prof. Dr. Claus Grupen researches and teaches as emeritus at the University of Siegen. He was involved in experiments at the European Center for Elementary Particle Physics CERN and at the German Electron Synchrotron in Hamburg as well as in numerous activities in the field of cosmic rays. He is the author of books on particle detectors, radioactivity and cosmic cartoons.