

1. Record Nr.	UNINA9910791208303321
Autore	Lord John
Titolo	Beacon lights of history . Volume I The old Pagan civilizations // by John Lord, LL.D., author of "The old Roman world," "Modern Europe," etc., etc
Pubbl/distr/stampa	[Luton, Bedfordshire] : , : Andrews UK Limited, , [2012] ©2012
ISBN	1-78166-790-X
Descrizione fisica	1 online resource (219 p.)
Collana	Lord's lectures ; ; volume I
Soggetti	Paganism - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph

2. Record Nr.	UNINA9910299626203321
Autore	Maidana Carlos O
Titolo	Thermo-Magnetic Systems for Space Nuclear Reactors : An Introduction // by Carlos O. Maidana
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-09030-5
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (60 p.)
Collana	SpringerBriefs in Applied Sciences and Technology, , 2191-530X
Disciplina	629.4753
Soggetti	Nuclear energy Aerospace engineering Astronautics Energy systems Applied mathematics Engineering mathematics Nuclear Energy Aerospace Technology and Astronautics Energy Systems Mathematical and Computational Engineering
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Overview on Space Nuclear Systems -- Introduction to Engineering Magnetohydrodynamics -- Computational Methods -- Design of annular linear induction pumps for space nuclear reactors -- Assembly and fabrication considerations of annular linear induction pumps for space nuclear reactors.
Sommario/riassunto	Introduces the reader to engineering magnetohydrodynamics applications and presents a comprehensive guide of how to approach different problems found in this multidisciplinary field. An introduction to engineering magnetohydrodynamics, this brief focuses heavily on the design of thermo-magnetic systems for liquid metals, with emphasis on the design of electromagnetic annular linear induction pumps for space nuclear reactors. Alloy systems that are liquid at room temperature have a high degree of thermal conductivity far superior to

ordinary non-metallic liquids. This results in their use for specific heat conducting and dissipation applications. For example, liquid metal-cooled reactors are typically very compact and can be used in space propulsion systems and in fission reactors for planetary exploration. Computer aided engineering (CAE), computational physics and mathematical methods are introduced, as well as manufacturing and testing procedures. An overview on space nuclear systems is also included. This brief is an invaluable tool for design engineers and applied physicists as well as to graduate students in nuclear and mechanical engineering or in applied physics.
