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Titolo	Magnesium diboride (MgB ₂ s) superconductor research [[electronic resource] /] / Souta Suzuki and Kouki Fukuda (editors)
Pubbl/distr/stampa	New York, : Nova Science Publishers, 2009
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Descrizione fisica	1 online resource (317 p.)
Altri autori (Persone)	FukudaKouki SuzukiSouta
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Soggetti	High temperature superconductivity High temperature superconductors Magnesium diboride Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di contenuto	""MAGNESIUM DIBORIDE (MGB₂)SUPERCONDUCTORRESEARCH""; ""MAGNESIUM DIBORIDE (MGB₂)SUPERCONDUCTORRESEARCH""; ""CONTENTS""; ""PREFACE""; ""MGB₂ SUPERCONDUCTOR RESEARCH""; ""Abstract""; ""Introduction""; ""1. MgB₂ Crystal Structure""; ""2. Electronic Structure of MgB₂""; ""3. Superconducting Mechanism in MgB₂""; ""4. Mg-B System Phase Diagram""; ""5. MgB₂ Crystal Growth""; ""6. Polycrystal Preparation of MgB₂""; ""7. Thin Film of MgB₂ [60]""; ""8. Mgb₂ Nanomaterials""; ""9. Element Doped MgB₂""; ""10. Applications""; ""References"" ""SYNTHETIC AND PHENOMENOLOGICALAPPROACHES TO 2 DIMENSIONAL HIGH-TCSUPERCONDUCTIVITY IN THE LAYERED CUPRATES:DESIGN AND CREATION OF 2 DIMENSIONAL HYBRIDSYSTEMS WITH DISCRETE SUPERCONDUCTINGINSULATINGAND SUPERCONDUCTING-MAGNETICSUBSYSTEMS""""Abstract""; ""1. Introduction""; ""2. Brief Introduction of Theoretical Models for High- TcSuperconductivity""; ""2.1. Interlayer Coulomb-Coupling Model""; ""2.2. Andersona€?s Interlayer Interaction Model""; ""2.3. The Spin Gap in Cuprate Superconductors""; ""2.4. Spin Interactions in High-Tc Superconductors""; ""2.5. One Dimensional (1-D) Stripe Model""

""3. Crystal and Electronic Structures of High- Tc""""3.1. Electronic Structure of Cuprate Superconductors""; ""3.2. Electronic and Crystal Structures of Bi-Based High-Tc CuprateSuperconductors""; ""4. High-Tc Superconductors in the 2 D Limit: [(Py-Cnh_{2n+1})₂hgi₄]-Bi₂Sr₂Cam-1cumoy (M=1 And 2)""; ""4.1. Research Motivation""; ""4.2. Synthesis and Measurements""; ""4.3. Conclusion""; ""5. A Novel Hybrid of High-Tc Superconducting and Curie-Paramagnetic Subsystems""; ""5.1. Introduction""; ""5.2. Synthesis""; ""5.3. Physico-Chemical Properties""; ""5.4. Conclusion""
 ""6. Hybrid System of High- Tc Superconducting and Pauli-TypeParamagnetic Subsystems""""6.1. Introduction""; ""6.2. Synthesis""; ""6.3. Physico-Chemical Properties""; ""6.4. Conclusion""; ""Acknowledgements""; ""References""; ""SURVEYING THE VORTEX MATTER PHASEDIAGRAM FOR PRISTINE MGB₂, AND ATOMICSUBSTITUTED MG_{1a}??xAlxB₂ AND MGB_{2a}??xCxSINGLE CRYSTALS""; ""Abstract""; ""1. Introduction""; ""2. Experimental Techniques""; ""3. Pristine Single Crystals""; ""3.1. Growth of Pristine MgB₂ Single Crystals""; ""3.2. Experimental Data for Pristine MgB₂ Single Crystals""
 ""4. Aluminium Substituted Single Crystals""""4.1. Growth of Mg_{1a}??xAlxB₂ Single Crystals""; ""4.2. Experimental Data for Mg_{1a}??xAlxB₂ Single Crystals""; ""5. Carbon Substituted Single Crystals""; ""5.1. Growth of MgB_{2a}??xCx Single Crystals""; ""5.2. Experimental Data for MgB_{2a}??xCx Single Crystals""; ""6. Conclusion""; ""Acknowledgments""; ""References""; ""NANOCRYSTALLINE MICROSTRUCTUREOF MECHANICALLY ALLOYED MGB₂SUPERCONDUCTOR PRECURSOR POWDERFOR BULK AND TAPE FABRICATIONAND IMPLICATIONS ON THE SUPERCONDUCTIVITY""; ""Abstract""; ""Introduction""; ""Experimental""; ""Results""
 ""Mechanically Alloyed Powders""

2. Record Nr.	UNINA9910131327203321
Titolo	Environmental health criteria
Pubbl/distr/stampa	Geneva, : World Health Organization, 1976-
Descrizione fisica	1 online resource
Disciplina	363.1/7
Soggetti	Toxicology Pollution Environmental health Pollutants Environmental Pollutants Environmental Pollution Hygiène du milieu Toxicologie Polluants toxicology pollutants Environmental health: periodicals Gevaarlijke stoffen Toxiciteit Blootstelling Gezondheidseffecten Arbeidshygiëne CHEMICALS CHEMICAL SAFETY ENVIRONMENTAL HEALTH POLLUTION Periodical Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed At head of title: International Programme on Chemical Safety, <1986-

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