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| 1. Record Nr. | UNINA990004239330403321 |
| Titolo | Técnicas documentales aplicadas a la traducción / editores Maria Pinto, José Antonio Cordón |
| Pubbl/distr/stampa | Madrid : Editorial Sintesis, 1999 |
| ISBN | 84-7738-698-6 |
| Descrizione fisica | 255 p. : ill. ; 23 cm |
| Disciplina | 418.0285 |
| Locazione | FLFBC |
| Collocazione | 418.0285 PIN 1 |
| Lingua di pubblicazione | Spagnolo |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
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| 2. Record Nr. | UNINA9910366576803321 |
| Titolo | Superconductivity : From Materials Science to Practical Applications // edited by Paolo Mele, Kosmas Prassides, Chiara Tarantini, Anna Palau, Petre Badica, Alok K. Jha, Tamio Endo |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020 |
| ISBN | 3-030-23303-0 |
| Edizione | [1st ed. 2020.] |
| Descrizione fisica | 1 online resource (379 pages) |
| Disciplina | 537.623 |
| Soggetti | Engineering—Materials
Magnetism
Magnetic materials
Nanotechnology
Materials Engineering
Magnetism, Magnetic Materials |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

Nota di contenuto

Targeted selection and characterisation of contemporary HTS wires for specific applications -- Pinning efficiency of artificial pinning centers in superconductor nanocomposite films -- Control of vortex pinning in YBCO thin films by incorporating APCs through surface modified target approach -- Progress in thick film 2G-HTS development -- Superconducting YBa₂Cu₃O_{7-x} Nanocomposite Films Using Preformed ZrO₂ Nanocrystals via Chemical Solution Deposition -- High vortex activation energies in the AC magnetic response of superconductors close to the DC irreversibility line -- An atomic-scale perspective of the challenging microstructure of YBa₂Cu₃O_{7-x} thin films -- Growth, properties, and device fabrication of iron-based superconductor thin-films -- Future potentials of new high T_c iron based superconductors -- Grain boundaries in Fe-based superconductors -- Control of the critical current density through microstructural design by Ho₂O₃ and Te co-addition into MgB₂ processed by ex situ spark plasma sintering -- Superconductivity in the two dimensional electron gas at transition metal oxide interfaces -- Prospects of superconducting magnet technology in the medical field: a new paradigm on the horizon?.

Sommario/riassunto

This book provides readers with a comprehensive overview of the science of superconducting materials. It serves as a fundamental information source on the actual techniques and methodologies involved in superconducting materials growth, characterization and processing. This book includes coverage of several categories of medium and high-temperature superconducting materials: cuprate oxides, borides, and iron-based chalcogenides and pnictides. Provides a single-source reference on superconducting materials growth, characterization and processing; Bridges the gap between materials science and applications of superconductors; Discusses several categories of superconducting materials such as cuprate oxides, borides, and iron-based chalcogenides and pnictides; Covers synthesis, characterization, and processing of superconducting materials, as well as the nanoengineering approach to tailor the properties of the used materials at the nanoscale level.
