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|-------------------------|---|
| 1. Record Nr.           | UNISA990000190770203316   |
| Autore                  | MCELIECE, Robert J.   |
| Titolo                  | The theory of information and coding : a mathematical framework for communication / Robert J. McEliece ; with a foreword by Mark Kac  |
| Pubbl/distr/stampa      | Cambridge [etc.] : University Press, copyr. 1984 (stampa 1989)  |
| ISBN                    | 0 521 30223 4   |
| Descrizione fisica      | XVI, 302 p. : ill. ; 24 cm  |
| Collana                 | Encyclopedia of mathematics and its applications ; 3  |
| Disciplina              | 001539  |
| Collocazione            | 519 EMA (3 B)   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| 2. Record Nr.           | UNINA9910464382403321   |
| Titolo                  | Advanced materials and processing technologies : IFMPT 2014 : selected, peer reviewed papers from the 2014 International Forum on Materials Processing Technology (IFMPT 2014), January 18-19, 2014, Guangzhou, China // edited by Seung-Bok Choi and Yun-Hae Kim |
| Pubbl/distr/stampa      | Zurich, Switzerland : , : TTP, , 2014<br>©2014  |
| ISBN                    | 3-03826-423-7   |
| Descrizione fisica      | 1 online resource (835 p.)  |
| Collana                 | Advanced Materials Research, , 1662-8985 ; ; Volume 900   |
| Disciplina              | 670.42  |
| Soggetti                | Manufacturing processes<br>Production engineering<br>Materials<br>Electronic books.   |
| 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 at the end of each chapters and indexes.
Nota di contenuto	<p>Advanced Materials and Processing Technologies: IFMPT 2014; Preface and Conference Organization; Table of Contents; Chapter 1: Polymers, Rubber and Elastomers; Characterization of Thermal Reversible Cross-Linking Agents for Flexible Poly(vinyl chloride); Compressive Behavior of a Polyurea Elastomer; Progress in Development of Catalyst Systems for Coordinated Polymerization of Olefins; Study of Molecular Structure of Water-Soluble Phenolic Resin with Different Molecular Weight by Infrared Spectrum</p> <p>Synthesis of a Surfactant Hexadecyl Methyl Dihydroxyethyl Ammonium Bromide by a Non-Solvent Synthesis Method Study on Solvent Resistance of Ternary Plastic Alloys of PEEK/PEI/PES; Chapter 2: Metals and Alloys; A Novel Iron Oxidation Process in Zinc Leaching Solution by Ozone; Corrosion Behaviors of Mg-7Gd-5Y-1Nd-0.5Zr Alloys in CO<sub>2</sub> Atmosphere under Different Relative Humidity; Effect of Rotating Magnetic Field on Fluid Convection and Microstructure during Directional Solidification of Sn-Zn Alloy; Experiments on Effect of Red Mud-Based Slag on Distribution of Sulfur in Liquid Iron</p> <p>Influence of Niobium or Molybdenum in Titanium Alloy for Permanent Implant Application Inner Connection of Bainite and Pearlite Transformation in Steels; Research on Impact Fracture and Microstructure of 40Cr Steel under Different Tempering Conditions; Simulation and Optimization of Flow Field in the Mold of Slab Continuous Casting; Study on Fe-Mn-Si Shape Memory Alloy Anti-Loosening Bolt; Study on the Forming Accuracy of TRIP Steel Products in ISF; The High Temperature Oxidation Behavior of Hot-Dip Aluminized GH169</p> <p>Effect of Different Tempering Temperatures on Microstructure and Impact Property of 20CrMnTi Steel Relationship between Heat Treatments and Corrosion of Al-Si-Mg Casting Alloy; The Effect of Process Parameter on the Second Phase Particles in Al-Ti-B Master Alloys; The Modification Research of Al-Ti-B Master Alloy (Progress); A Closed Form Solution for Wave Propagation in a Rectangular Waveguide Filled with Time-Varying Media; Chapter 3: Ceramics; Effect of Sintering Temperature on Microstructure and Electrical Properties of (1-x)BCZT-xBY Lead-Free Ceramics</p> <p>Fused Silica Ceramics and Composites for Radome Applications Research Progress of Al<sub>2</sub>O<sub>3</sub> Based and Si<sub>3</sub>N<sub>4</sub> Based Ceramic Tool Materials; The Influence of Sintering Atmosphere and Reoxidation Temperature on the Electrical Properties of the Chip-Type Ba<sub>1-x</sub>Sm<sub>x</sub>TiO<sub>3</sub> Based Ceramics; Chapter 4: Composites; Microstructure and Mechanical Properties of Mg-Based Composites Reinforced with TiB<sub>2</sub> Particles; Preparation and Properties of Organosilicon-Modified Acrylate Resin; Preparation of Functional Particles Modified Epoxy Multilayer Composite and their Radiation Shielding Properties</p> <p>The Influences of Holmium on Microstructure and Properties of In Situ Mg<sub>2</sub>Si/Al Composites</p>
Sommario/riassunto	<p>Collection of selected, peer reviewed papers from the 2014 International Forum on Materials Processing Technology (IFMPT 2014), Februar 15-16, 2014, Guangzhou, China. The 163 papers are grouped as follows: Chapter 1: Polymers, Rubber and Elastomers, Chapter 2: Metals and Alloys, Chapter 3: Ceramics, Chapter 4: Composites, Chapter 5: Micro/Nano Materials, Chapter 6: Optical/Electrical/Magnetic Materials, Chapter 7: Energy Materials and Research, Chapter 8: Biomaterials, Chapter 9: Chemical Materials and Testing Technology, Chapter 10: Films, Chapter 11: Building and Road</p>

