1. Record Nr. UNISA996396466403316

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| Autore | A. M <17th cent.> |
| Titolo | A discourse of local motion [[electronic resource] ] : undertaking to demonstrate the laws of motion, and withall to prove that of the seven rules delivered by M. Des-Cartes on this subject, he hath mistaken six / / by A.M |
| Pubbl/distr/stampa | London, : Printed by W.G. and are to be sold by Moses Pitt, 1670 |
| Descrizione fisica | [14], 73 p., [1] leaf of plates : ill |
| Soggetti | Motion |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | "Englished out of French."<br>Reproduction of original in the University of Illinois (Urbana-Champaign Campus). Library. |
| Sommario/riassunto | eebo-0167 |

2. Record Nr. UNINA9911018825603321

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| Titolo | Advances in electroceramic materials : a collection of papers presented at the 2008 Materials Science and Technology Conference (MS&T08), October 5-9, 2008, Pittsburg, Pennsylvania / / edited by K.M. Nair ... [et al.] |
| Pubbl/distr/stampa | Hoboken, N.J., : John Wiley & Sons, Inc., : The American Ceramic Society, c2009 |
| ISBN | 9786612369247<br>9781282369245<br>1282369245<br>9780470528990<br>0470528990<br>9780470528983<br>0470528982 |
| Descrizione fisica | 1 online resource (212 p.) |
| Collana | Ceramic transactions ; ; v. 204 |
| Altri autori (Persone) | NairK. M |
| Disciplina | 620.1404297 |
| Soggetti | Electronic ceramics<br>Ceramic materials |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | "This volume contains a collection of papers from the Advanced Dielectric Materials and Electronic Devices and Electroceramics Technologies symposia held during MS&T08-- a joint meeting between ACerS, AIST, ASM International, and TMS-- held at the David L. Lawrence Convention Center, Pittsburg, Pennsylvania, USA, October 5-9, 2008."-- Preface (p. ix). |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Ceramic Transactions; Contents; Preface; DESIGN, SYNTHESIS AND CHARACTERIZATION; Ceramic-Polymer Dielectric Composites Produced via Directional Freezing; Low-Temperature Fabrication of Highly Loaded Dielectric Films Made of Ceramic-Polymer Composites for 3D Integration; Effect of Rare Earth Elements Doping on the Electrical Properties of (Ba,Sr)TiO3 Thin Film Capacitors; Microwave Processing of Dielectrics for High Power Microwave Applications; Ferroelectric Domains in Lead Free Piezoelectric Ceramics |

Fabrication of SrTi4Bi4O15 Piezoelectric Ceramics with Oriented Structure Using Magnetic Field-Assisted Shaping and Subsequent Sintering Processing (MFSS)Recent Investigations of Sr-Ca-Co-O Thermoelectric Materials; Preparation of Low-Loss Titanium Dioxide for Microwave Frequency Applications; Analytic Methods for Determination of Activation Energy Using the Master Sintering Curve Approach; Surface Analysis of Nano-Structured Carbon Nitride Films for Microsensors; Gas Permeability in Nanoporous Substrates; PROPERTIES AND APPLICATIONS
Texturing of PMN-PT Ceramics via Templated Grain Growth (TGG): Issues and PerspectivesElectrical Characterization and Dielectric Relaxation of Au/Porous Silicon Contacts; Structural and Dielectric Properties of the Naa5Bia5TiO3-NaTaO3 Ceramic System; Piezoelectric Behavior of the Blended Systems (NYLON 6/NYLON 11); Dielectric Properties of BaTiO3 Doped with Er2O3, Yb2O3 Based on Intergranular Contacts Model; Dielectric Properties of ACu3Ti4O12 -type Perovskites; Dielectric Properties of Rare Earth Doped Sr-M Hexaferrites
High Temperature Piezoelectric Properties of Some Bismuth Layer-Structured Ferroelectric CeramicsEffective Size of Vacancies in the Sr1-3x/2CexTiO3 Superstructure; Effect of Dopants and Processing on the Microstructure and Dielectric Properties of CaCu3Ti4O12 (CCTO); Author Index

Sommario/riassunto

This compilation is a useful one-stop resource for understanding the most important issues in advances in electroceramic materials, covering topics such as design, synthesis, characterization, and properties and applications. This volume contains a collection of papers from the Advanced Dielectric Materials and Electronic Devices and Electroceramics Technologies symposia held during MS&T 08.