

1. Record Nr.	UNINA9910138990503321
Titolo	Advanced processing and manufacturing technologies for structural and multifunctional materials VII . Volume 34, Issue 8, 2013 Ceramic engineering and science proceedings : a collection of papers presented at the 37th Ceramics and Composites January 27-February 1, 2013 Daytona Beach, Florida / / edited by Tatsuki Ohji, Mrityunjay Singh
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Descrizione fisica	1 online resource (194 p.)
Collana	Ceramic Engineering and Science Proceedings
Altri autori (Persone)	OhjiT (Tatsuki) SinghM (Mrityunjay)
Disciplina	634
Soggetti	Ceramic materials Electric insulators and insulation - Ceramic materials Insulation (Heat) Detectors - Materials 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 index.
Nota di contenuto	Cover; Title Page; Copyright Page; Contents; Preface; Introduction; Creation of Surface Geometric Structures by Thermal Micro-Lines Patterning Techniques; Magnetoelectric Properties of La-Modified BiFeO3 Thin Films on Strontium Ruthenate (SrRuO3) Buffered Layer; Properties of Pb(Zr,Ti)O3/CoFe2O4/Pb(Zr,Ti)O3 Layered Thin Films Prepared Via Chemical Solution Deposition; Intelligent Processes Enable New Products in the Field of Non-Oxide Ceramics; Fabricating Successful Ceramic Components using Development Carrier Systems; Optimized Shaping Process for Transparent Spinel Ceramic Combustion Synthesis (SHS) of Complex Ceramic MaterialsWear and Reactivity Studies of Melt Infiltrated Ceramic Matrix Composite;

Fabrication and Properties of High Thermal Conductivity Silicon Nitride; Porous Silicon Carbide Derived from Polymer Blend; Processing and Properties of Zirconia Toughened WC-Based Cermets; Mechanism of the Carbothermal Synthesis of MgAl₂O₄-SiC Refractory Composite Powders by Forsterite, Alumina and Carbon Black; Joining of Alumina by Polycarbosilane and Siloxane Including Phenyl Groups; Microwave Joining of Alumina using a Liquid Phase Sintered Alumina Insert Joining of Silicon Nitride Long Pipes without Insert Material by Local Heating Technique Interfacial Characterization of Diffusion-Bonded Monolithic and Fiber-Bonded Silicon Carbide Ceramics; Round Robin on Indentation Fracture Resistance of Silicon Carbide for Small Ceramic Products; Numerical Analysis of Microstructural Fracture Behavior in Nano Composites under HVEM; Commercialising University Research: Thoughts on the Challenges Based on Experience Gained in the Field of Ceramic Processing in the UK; Author Index

Sommario/riassunto

Ceramic Engineering and Science Proceedings Volume 34, Issue 8 - Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials VIIA collection of 20 papers from The American Ceramic Society's 37th International Conference on Advanced Ceramics and Composites, held in Daytona Beach, Florida, January 27-February 1, 2013. This issue includes papers presented in the 7th International Symposium on Advanced Processing and Manufacturing Technologies for Structural and Multifunctional Materials and Systems (Symposium 8).

2. Record Nr.	UNISA996466035803316
Titolo	Formal Aspects of Component Software [[electronic resource]] : 8th International Symposium, FACS 2011, Oslo, Norway, September 14-16, 2011, Revised Selected Papers // edited by Farhad Arbab, Peter Csaba Ölveczky
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2012
ISBN	3-642-35743-1
Edizione	[1st ed. 2012.]
Descrizione fisica	1 online resource (X, 369 p. 131 illus.)
Collana	Programming and Software Engineering ; ; 7253
Disciplina	004.01/51
Soggetti	Software engineering Mathematical logic Computer logic Programming languages (Electronic computers) Computer programming Management information systems Computer science Software Engineering Mathematical Logic and Formal Languages Logics and Meanings of Programs Programming Languages, Compilers, Interpreters Programming Techniques Management of Computing and Information Systems Conference proceedings.
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Taming Distributed System Complexity through Formal Patterns -- Composing Safe Systems -- A Denotational Model for Component-Based Risk Analysis -- Synthesis of Hierarchical Systems -- A Modal Specification Theory for Components with Data -- Evaluating the Performance of Model Transformation Styles in Maude -- Interactive Transformations from Object-Oriented Models to Component-Based

Models -- Runtime Verification of Temporal Patterns for Dynamic Reconfigurations of Components -- Timed Conformance Testing for Orchestrated Service Discovery -- Realizability of Choreographies for Services Interacting Asynchronously -- Networks of Real-Time Actors: Schedulability Analysis and Coordination -- A Formal Model of Object Mobility in Resource-Restricted Deployment Scenarios -- The Logic of XACML -- A Proof Assistant Based Formalization of MDE Components -- Controlling an Iteration-Wise Coherence in Dataflow -- Learning from Failures: A Lightweight Approach to Run-Time Behavioural Adaptation -- Verifying Safety of Fault-Tolerant Distributed Components -- Reducing the Model Checking Cost of Product Lines Using Static Analysis Techniques -- Biographical Modelling of Architectural Patterns -- Coordinated Execution of Heterogeneous Service-Oriented Components by Abstract State Machines -- Verifying Temporal Properties of Use-Cases in Natural Language.

Sommario/riassunto

This book constitutes revised selected papers of the 8th International Workshop on Formal Aspects of Component Software, FACS 2011, held in Oslo, Norway in September 2011. The 18 full papers presented together with 3 invited talks were carefully reviewed and selected from 46 submissions. They cover the topics of formal models for software components and their interaction, design and verification methods for software components and services, formal methods and modeling languages for components and services, industrial or experience reports, and case studies, autonomic components and self-managed applications, models for QoS and other extra-functional properties (e. g., trust, compliance, security) of components and services, formal and rigorous approaches to software adaptation and self-adaptive systems, and components for real-time, safety-critical, secure, and/or embedded systems.
