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Titolo	Advances in nanotechnology [[electronic resource]] . Volume 3 // Zacharie Bartul and Jerome Trenor, editors
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Descrizione fisica	1 online resource (356 p.)
Collana	Advances in nanotechnolgy series ; ; 3
Altri autori (Persone)	BartulZacharie TrenorJerome
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>""ADVANCES IN NANOTECHNOLOGY, VOLUME 3 ""; ""ADVANCES IN NANOTECHNOLOGY, VOLUME 3 ""; ""CONTENTS ""; ""PREFACE ""; ""CURRENT DIRECTIONS IN NANOMACHINING""; ""Abstract""; ""1. Nanomachining""; ""1.1. Basic Elements of Molecular Dynamics Modeling""; ""1.1.1. Material Representation and Microstructure""; ""1.1.2. Atomic Interaction""; ""1.1.2.1. Pair Potentials""; ""1.1.2.2. Many-Body Potentials""; ""1.1.3. Systems Dynamics and Numerical Description""; ""1.1.4. Boundary Conditions""; ""1.2. Design and Requirements for State-of-the-Art MD Cutting ProcessSimulations"" ""1.3. Capabilities of MD for Nanoscale Material Removal Process Analysis"" ""1.3.1. Analysis of Microstructure and Deformation""; ""1.3.2. Obtaining Cutting Forces, Stress and Temperature""; ""1.4. Advances and Recent Developments in Material Removal ProcessSimulation""; ""1.4.1. Three-Dimensional Surface Machining Simulation""; ""2. Micromachining""; ""2.1.1. Definitions and Technological Possibilities""; ""3.1.2. Main Applications of Micromachining""; ""2.2. Microturning""; ""2.2.1. Characteristic Features and Applications""; ""2.2.2. Microturning Tools and Tooling Systems"" ""2.2.3. Machine Tools for Microturning"" ""2.3 Microdrilling""; ""2.3.1. Characteristic Features and Applications""; ""2.3.2. Microdrills and Tooling Systems""; ""2.3.3. Machine Tools for Microdrilling""; ""2.4.</p>

Micromilling"; "2.4.1. Characteristic Features and Applications";
 "2.4.2. Micromills and Tooling Systems"; "2.4.3. Machine Tools for
 Micromilling"; "2.5. Product Quality in Micromachining"; "2.5.1.
 Quality Challenges in Micromachining"; "2.5.2. Burr Formation in
 Micromachining Operations"; "2.5.3. Surface Quality Inspection of
 Micromachining Products"
 "3. Application of Micro and Nanomachining""3.1. Typical Machining
 Methods"; "3.1.1. Diamond Turning"; "3.2. Applications in Optical
 Manufacturing"; "3.2.1. Aspheric Lens"; "3.2.2. Fresnel Lens";
 "3.2.3. Micro-structured Components"; "3.3. Semiconductor and
 Electronic Applications"; "3.3.1. Semiconductor Wafer Production";
 "3.3.2. LSI Substrate Planarization"; "4. Conclusion";
 "Acknowledgements"; "References"; "BA(Ti,Zr)O₃ - FUNCTIONAL
 MATERIALS:FROM NANOPOWDERS TO BULK CERAMICS"; "Abstract";
 "1. State of the Art for the BaTiO₃-BaZrO₃ System"
 "2. Preparation and Characterization of Ba(Ti,Zr)O₃Nanopowders:
 Influence of the Processing Methodon the Structural and Morphological
 Properties""2.1. Synthesis"; "2.2. Formation Mechanism"; "2.3.
 Phase Composition and Structure"; "2.4. Morphology"; "3.
 Preparation and Characteristics of Ba(Ti,Zr)O₃ Ceramics: Effectof
 Composition and Grain Size on the Functional Properties"; "3.1.
 Ceramics from Powders Prepared by Classical Solid State Reaction";
 "3.1.1. Phase Composition and Microstructure"; "3.1.2. Dielectric
 Properties"
 "(a) The effect of frequency on the dielectric data for the BaTi_{0.9}Zr_{0.1}O₃ ceramics sinteredat different temperatures (size effects)"

2. Record Nr.	UNINA9910411929303321
Titolo	Experiential and Performative Anthropology in the Classroom : Engaging the Legacy of Edith and Victor Turner // edited by Pamela R. Frese, Susan Brownell
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2020
ISBN	3-030-41995-9
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Descrizione fisica	1 online resource (xiv, 216 pages) : illustrations
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Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: "The Foundations of Experiential Performance Pedagogy" -- Chapter 2 "Points of Contact Between Anthropological and Theatrical Thought" -- Chapter 3: "Performing Ethnography" -- Chapter 4: "Revisiting the Past for the Present: The Wedding Ritual Performance in the Turners' Seminar" -- Chapter 5: "Structure, Anti-structure, and Communitas in the Classroom: Notes on Embodied Theory" -- Chapter 6: "Bridges to the Ancestors: Engaging Students with Ethnographic Performances in the Classroom" -- Chapter 7: "The Smell of Smudge and the Work of Smoke: Reenacting Native American Ritual in an Anthropology Course" -- Chapter 8: "Grotto Water and Potato Chips: Classroom Ritual Reenactments as Forms of Pedagogical Resistance" -- Chapter 9: "Dance Lessons: Performance as Engaged Experiential

Embodiment" -- Chapter 10: "Pedagogies of the Imagination: Toward a New Performative Politics" -- Chapter 11: "Cultivating Empathy Through a Migration Simulation" -- Chapter 12: "Moving Forward".

Sommario/riassunto

The contributors gathered here revitalize "ethnographic performance"-the performed recreation of ethnographic subject matter pioneered by Victor and Edith Turner and Richard Schechner-as a progressive pedagogy for the 21st century. They draw on their experiences in utilizing performances in a classroom setting to facilitate learning about the diversity of culture and ways of being in the world. The editors, themselves both students of Turner at the University of Virginia, and Richard Schechner share recollections of the Turners' vision and set forth a humanistic pedagogical agenda for the future. A detailed appendix provides an implementation plan for ethnographic performances in the classroom.
