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| 1. Record Nr. | UNICAMPANIASUN0029352 |
| Autore | Borevic, Zenon I. |
| Titolo | Number theory / Zenon Ivanovich Borevich, Igor Rostislavovich Shafarevich ; translated by Newcomb Greenleaf |
| Pubbl/distr/stampa | New York, : Academic, 1966 |
| ISBN | 978-01-211-7851-2 |
| Descrizione fisica | X, 435 p. ; 24 cm. |
| Altri autori (Persone) | Shafarevich, Igor R. |
| Soggetti | 11-XX - Number theory [MSC 2020] |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| <hr/> | |
| 2. Record Nr. | UNINA9910697339103321 |
| Autore | Jensen J. Bradford |
| Titolo | Birth and death of manufacturing plants and restructuring in Appalachia's industrial economy, 1963-1992 [[electronic resource]] : evidence from the longitudinal research database / / J. Bradford Jensen |
| Pubbl/distr/stampa | [Pittsburgh, Pa.] : , : [H. John Heinz III School of Public Policy and Management, Carnegie Mellon Census Data Research Center, Carnegie Mellon University], , [1998] |
| Descrizione fisica | 44 pages : digital, PDF file |
| Soggetti | Manufacturing industries - Appalachian Region
Plant shutdowns - Appalachian Region |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Title from title screen (viewed on Aug. 13, 2008)
"February 1998." |

3. Record Nr.	UNINA9910808681003321
Titolo	Mechanical properties and processing of ceramic binary, ternary, and composite systems : a collection of papers presented at the 32nd International Conference on Advanced Ceramics and Composites, January 27-February 1, 2008, Daytona Beach, Florida // Jonathan Salem, Greg Hilmas, William Fahrenholtz
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, Inc., 2009
ISBN	1-282-02226-1 9786612022265 0-470-45636-1 0-470-45635-3
Edizione	[1st ed.]
Descrizione fisica	1 online resource (202 p.)
Collana	Ceramic Engineering and Science Proceedings, 2 ; ; v.346
Altri autori (Persone)	SalemJ. A <1960-> (Jonathan A.) HilmasGreg FahrenholtzWilliam
Disciplina	620.14 620.140423
Soggetti	Ceramics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Mechanical Properties and Processing of Ceramic Binary, Ternary, and Composite Systems; Contents; Preface; Introduction; BINARY AND TERNARY CERAMICS; Synthesis and Phase Development in the Cr-Al-N System; Phase Evolution and Properties of Ti ₂ AlN Based Materials, Obtained by SHS Method; Synthesis of Ti ₃ SiC ₂ by Reaction of TiC and Si Powders; Toughening of a ZrC Particle-Reinforced Ti ₃ AlC ₂ Composite; Microstructure and Properties of the Cermets Based on Ti(C,N); Scratch-Induced Deformation and Residual Stress in a Zirconium Diboride-Silicon Carbide Composite Finite Element Modeling of Internal Stress Factors for ZrB ₂ -SiC Ceramics Effects of Microstructural Anisotropy on Fracture Behavior of Heat-Pressed Glass-Ceramics and Glass-Infiltrated Alumina Composites for Dental Restorations; SILICON CARBIDE, CARBON AND OXIDE BASED COMPOSITES; Mechanical Properties of Hi-NICALON S and

SA3 Fiber Reinforced SiC/SiC Minicomposites; The Effect of Holes on the Residual Strength of SiC/SiC Ceramic Composites; Through Thickness Modulus (E33) of Ceramic Matrix Composites: Mechanical Test Method Confirmation
The Effects of Si Content and Sic Polytype on the Microstructure and Properties of RBSCIn-Situ Reaction Sintering of Porous Mullite-Bonded Silicon Carbide, Its Mechanical Behavior and High Temperature Applications; Study on Elasto-Plastic Behavior of Different Carbon Types in Carbon/Carbon Composites; Effects of Temperature and Steam Environment on Creep Behavior of an Oxide-Oxide Ceramic Composite; Characterization of Foreign Object Damage in an Oxide/Oxide Composite at Ambient Temperature
Processing and Properties of Fiber Reinforced Barium Aluminosilicate Composites for High Temperature RadomesAuthor Index

Sommario/riassunto

This book provides a one-stop resource with current research on advanced ceramics. It is a collection of papers from The American Ceramic Society's 32nd International Conference on Advanced Ceramics and Composites, January 27-February 1, 2008. Topics include Processing-Microstructure-Mechanical Properties Correlations; Mechanical Performance of Ternary Compounds; Mechanical Performance of Ultra-High Temperature Ceramics; and more. Articles are logically organized to provide insight into various aspects of ceramic materials and advanced ceramics. This is a valuable, up-to-date resource for rese
