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Nota di contenuto	Anisotropic Creep Behavior of a Unidirectional All-Oxide CMC / Katia Artzt, Stefan Hackemann, Ferdinand Flucht, and Marion Bartsch -- Indicators for the Damage Evolution at Intermediate Temperature under Air of a SiC/[Si-B-C] Composite Subjected to Cyclic and Static Loading / Elie Racie, Nathalie Godin, Pascal Reynaud, Mohamed R'Mili, Gilbert Fantozzi, Lionel Marcin, Florent Bouillon, and Myriam Kaminski -- Durability Results from Ceramic Matrix Composite with Differing Porosity Levels / G. Ojard, I. Smyth, U. Santhosh, J. Ahmad, and Y. Gowayed -- Effects of Stress Concentrators on Damage Evolution in SiC/SiC Composites / Christopher Baker, Emmanuel Maillet, Matthew Appleby, Richard Smith, Gregory N. Morscher, and Thomas Cook -- Advancements in Acoustic Micro Imaging for the Non-Destructive Inspection of Ceramic Components and Devices / John H. Richtsmeier and Thomas J. McClenahan -- Effect of Specimen Geometry on Microstructural Fracture Behavior in Nano Composites under HVEM / Hisashi Serizawa, Tamaki Shibayama, and Hidekazu Murakawa -- Effects on Mechanical and Thermal Properties by Varying the

Interconnectivity of SiC in a Si:SiC Composite System / A. L. Marshall -- Microstructure-Property Relationships in SiC/Diamond Composites as a Function of Diamond Content / A. L. Marshall, A. F. Liszkiewicz, S. M. Salamone, P. G. Karandikar, and M. K. Aghajanian -- Effect of SiC:B4C Ratio on the Properties of Si-Cu/SiC/B4C Composites / S. M. Salamone, M. K. Aghajanian, S. E. Horner, and J. Q. Zheng -- Plastic Deformation and Cracking Resistance of SiC Ceramics Measured by Indentation / James Wade, Phoebe Claydon, and Houzheng Wu -- Fabrication of SiC Fiber-Reinforced SiC Matrix Composites by Low Temperature Melt Infiltration Method using Si-Hf and Si-Y Alloy / Yosuke Okubo, Toyohiko Yano, Katsumi Yoshida, Takuya Aoki, and Toshio Ogasawara -- Development of Electrical Porcelain Insulators from Ceramic Minerals in Uganda / Peter W. Olupot, Stefan Jonsson, and Joseph K. Byaruhanga -- The Mechanical Properties of Sandwich Structures based on a Metal Ceramic Core and Fiber Metal Laminate Skin Material / K. Myers, M. Curl, P. Cortes, B. Hetzel, and K.M. Peters -- Alkali Treatment on Sugarcane Bagasse to Improve Properties of Green Composites of Sugarcane Bagasse Fibers-Polypropylene / Juliana Anggono, Niko Riza Habibi, and dan Suwandi Sugondo -- Characteristics of a Zirconia-Spinel Composite Processed by a Current-Activated Pressure-Assisted Densification Method / Mahmood Shirooyeh, Javier E. Garay, and Terence G. Langdon -- Enhancement of Oxidation Resistance of Graphite Foams by SiC Coating for Concentrated Solar Power Applications / Taeil Kim, Dileep Singh, and Mrityunjay Singh -- Spark Plasma Sintering of Ceramic Matrix Composites with Self-Healing Matrix / Jerome Magnant, Laurence Maille, Rene Paillet, and Alain Guette -- Advanced Ceramic Composite using Self-Healing and Fiber-Reinforcement / Wataru Nakao, Daisuke Maruoka, Shingo Ozaki, Makoto Nanko, and Toshio Osada -- Applying Fracture Mechanics Methods to Model Coating Delamination / M. Prabhakar Rao, Xuemei Wang, Robert G. Hutchinson, and G.V. Srinivasan -- A New Analysis of the Edge Chipping Resistance of Brittle Materials / G. D. Quinn and J. B. Quinn -- Tribological Background for the Use of Niobium Carbide (NbC) as Cutting Tools and For Wear Resistant Tribosystems / Mathias Woydt and Hardy Mohrbacher.
