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Nota di contenuto	14th Annual Conference on Composites and Advanced Ceramic Materials; Table of Contents; Is There Anything of Practical Value Hidden Amongst the Composite-Toughening Theories?!-A Jim Mueller Perspective; The Department of Defense Materials and Structures Science and Technology Programs; NASA Advanced Ceramics Program Overview; Advanced Ceramics Program at NIST; Opportunities for the Industrial Application of Continuous Fiber Ceramic Composites; The Spectacular Growth of the Engineering Ceramics Division; Microstructure, R-Curves, and Strength of Monophase Ceramics The Microstructural Design of a Mechanically Interlocking Ceramic MicrostructureMicrostructural Characterization of Silicon Nitride Ceramics Processed by Pressureless Sintering, Overpressure Sintering, and Sinter HIP; Secondary Phase Devitrification Effects upon the Static

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Sommario/riassunto

This volume is part of the Ceramic Engineering and Science Proceeding (CESP) series. This series contains a collection of papers dealing with issues in both traditional ceramics (i.e., glass, whitewares, refractories, and porcelain enamel) and advanced ceramics. Topics covered in the area of advanced ceramic include bioceramics, nanomaterials, composites, solid oxide fuel cells, mechanical properties and structural design, advanced ceramic coatings, ceramic armor, porous ceramics, and more.
