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Sommario/riassunto

This volume provides a one-stop resource, compiling current research on the behavior and reliability of ceramic macro and micro scale systems. 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 Design and Testing Challenges for Ceramic Joints; Structural Design, Testing and Life Prediction of Monolithic and Composite Components; Mechanical Behavior, Design, and Reliability of Small Scale Systems; Environmental Effects on Mechanical Properties; and more. This is a valuabl