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Stresses in Metal Matrix Composites Due to Fiber Matrix Thermal Expansion Mismatch; Thermal Structural Ceramic Composites; High Frequency Ultrasonics; Preventative Nondestructive Evaluation (PNDE) of Graphite-Epoxy Composites; Positron Annihilation Studies of Moisture in Graphite-Reinforced Composites; Effect of Heat Treatment on the Oxidation of Hot-Pressed Si<sub>3</sub>N<sub>4</sub> as Determined by Infrared Reflection Analysis

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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.

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