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Micromechanical Modeling; Fracture and Crack Growth in Ceramic Composites at High Temperatures; Shear Strength Behaviors of Ceramic Matrix Composites at Elevated Temperatures
High Temperature Bending Strength and Fracture Energies of the Tape-Cast Silicon Nitride with β -Si₃N₄ Seed Addition
Superplasticity of the Nanostructured Binary Systems of Zirconia-Alumina- Spinel Ceramics by Spark Plasma Sintering Process; Initiation of Matrix Cracking in Woven Ceramic Matrix Composites; Author Index; Keyword Index

Sommario/riassunto

Ceramic matrix composites are likely candidates for high-temperature structural applications in industries such as aerospace, utilities, and transportation. This volume includes papers on advances in basic science and technology of ceramic matrix composites and how these advances can be used to address technological issues faced by industry.
