A Comprehensive and Self-Contained Treatment of the Theory and Practical Applications of Ceramic Materials

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- Strength of defect-free solids
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• Measurements of elasticity, strength, and fracture toughness

• Subcritical crack propagation

• Toughening mechanisms in ceramics

• Effects of microstructure on toughness and strength

• Cyclic fatigue of ceramics

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• Fractography

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