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Finite Element Analysis - Thermal, Stress, Vibration & Fatigue

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Finite element analysis of thermal conductivity and ...

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FEA Thermal Analysis - Applied Technical Services

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Abstract. Study of thermal conduction process of ceramics by experimental and theoretical model analysis methods is complicated and non-intuitive. In this work, to analyze the influence mechanism of h -BN grain orientation on the thermal conduction of h -BN ceramics, new mesoscale finite element models considering the anisotropy in the thermal conductivity of h -BN grain were established based on random sequential adsorption method and periodic boundary condition.

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