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References
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Macro-Micro Theory on Multifield Coupling Behavior of Heterogeneous Materials

This book contains a comprehensive treatment of heterogeneous materials under coupled thermal, magnetic, electric, and mechanical loads. The easy-to-understand text clarifies some of the most advanced techniques for analysing and solving multifield problems of heterogeneous materials: micromechanics approach and homogenization method. Readers will benefit from the authors’ thorough coverage of the fundamentals followed by detailed mathematical derivation with worked examples.

Comprehensive treatment of Multifield heterogeneous materials Efficient homogenization and micromechanics approach Coupled thermo-chemo-electro-elastic analysis Thermopiezoelectric bone remodelling


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