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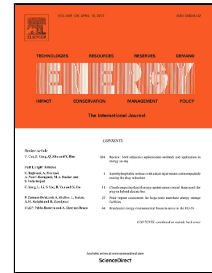
Transient Thermal Conduction Optimization for Solid Sensible Heat Thermal Energy Storage Modules by the Monte Carlo Method

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Highlights

1. Transient heat conduction optimization for TES module is studied by Monte Carlo method.
2. An optimal design with multi-region thermal conductivity distribution is proposed.
3. A convenient optimization criterion is identified in this optimization problem.
4. Entropy generation-based optimization principle is examined in this case.

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