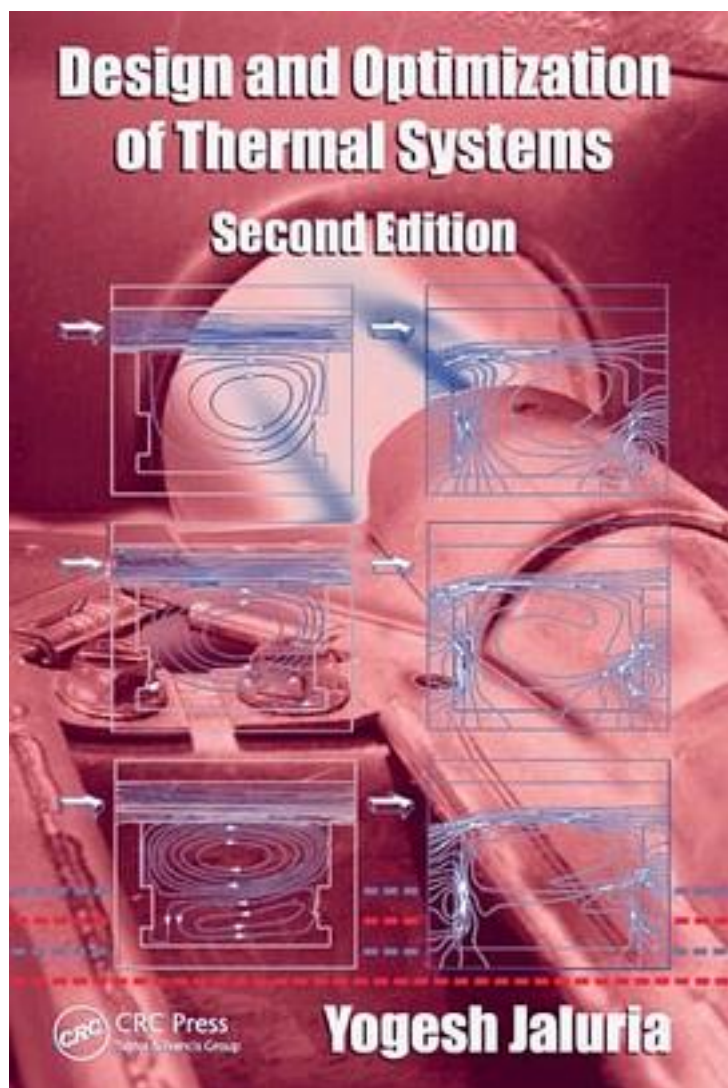


Design and Optimization of Thermal Systems



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Presenting basic concepts and procedures, "Design and Optimization of Thermal Systems" discusses conceptual design, formulation, modeling, simulation, synthesis, and optimization. This revised edition features new chapters on manufacturability, material selection, and sensitivity. It includes new material on recent search methods, including genetic and gradient methods, with more detailed coverage of safety, security, and environmental aspects. Maintaining its thrust on the basic design process using inputs from modeling and simulation, it focuses on streamlined examples and case studies to demonstrate design methodology and simplify the discussion. It also contains a new appendix on MATLAB[registered].

作者介绍:

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