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## Essentials of Thermal System Design and Optimization - 1st ...

Essentials of Thermal System Design and Optimization by C. Balaji By: Balaji, C. Material type: Book Publisher: USA CRC Press 2011 Description: 316p. ISBN: 9781439891544. Subject(s): Mechanical Engineering DDC classification: 621.402

#### Essentials of Thermal System Design and Optimization by C ...

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Thermal System Design and Simulation covers the fundamental analyses of thermal energy systems that enable users to effectively formulate their own simulation and optimal design procedures. This reference provides thorough guidance on how to formulate optimal design constraints and develop strategies to solve them with minimal computational effort.

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A thermal system, on the contrary, is a complex assembly of coupled components (some of them thermal), showing a common structured behaviour; e.g. a refrigerator is a combination of pipes, compressor, electric motor, heat exchangers, valves, insulation, casing, doors, lamp, etc., interacting to a. Thermal systems 2.

#### Thermal systems - UPM

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## Essentials of thermal system design and optimization (Book ...

Second half of the book presents a broad (and most importantly 'practical') visualization of the key features of modern thermal system components including process safety, pipe flow, waste heat recovery, instrumentation, measurement and control of thermal system.

#### Thermal Systems Design: A Most Practical Guidebook - First ...

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