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Sommario/riassunto

This book explores the advances in energy sciences, focusing on the physics of energy and energy efficiency. It delves into the fundamentals and criteria of energy processes, examining the transition from equilibrium to irreversible thermodynamics and the concept of thermodynamic cycles. The work discusses the historical development of engines and the impact of Carnot's theories on modern thermodynamics. It includes detailed analyses of energy and entropy balances, as well as the graphical representation of thermodynamic processes. The authors aim to provide a comprehensive understanding of energy processes, catering to professionals and researchers in the field of engineering and energy sciences.

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