



An introduction to equilibrium thermodynamics

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Pergamon Press,
[1972]

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Monografía

An Introduction to Equilibrium Thermodynamics discusses classical thermodynamics and irreversible thermodynamics. It introduces the laws of thermodynamics and the connection between statistical concepts and observable macroscopic properties of a thermodynamic system. Chapter 1 discusses the first law of thermodynamics while Chapters 2 through 4 deal with statistical concepts. The succeeding chapters describe the link between entropy and the reversible heat process concept of entropy; the second law of thermodynamics; Legendre transformations and Jacobian algebra. Finally, Chapter 10 provides a.

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Título: An introduction to equilibrium thermodynamics

Editorial: New York Pergamon Press [1972]

Descripción física: 1 online resource (xi, 353 pages) illustrations

Mención de serie: Pergamon unified engineering series 14

Bibliografía: Includes bibliographical references

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ISBN: 9781483158730 electronic bk.) 148315873X electronic bk.) 0080168914 9780080168913

Materia: Thermodynamic equilibrium SCIENCE- Mechanics- Thermodynamics Thermodynamic equilibrium Thermodynamica Evenwichten Thermodynamique Gleichgewicht Thermodynamik

Enlace a formato físico adicional: Print version Morrill, Bernard. Introduction to equilibrium thermodynamics. New York : Pergamon Press [1972] (DLC) 73173824 (OCoLC)533300

Punto acceso adicional serie-Título: Pergamon unified engineering series 14

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