



Thermodynamics and Heat Power (6th Edition)

By Rolle, Kurt C.

Prentice Hall, 2004. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: This book presents learners with the fundamental concepts of thermodynamics and their practical application to heat power, heat transfer, and heating and air conditioning. It addresses real-world problems in engineering and design - rather than focusing on abstract mathematics. Chapter topics include the thermodynamic system; work, heat, and reversibility; conservation of mass and the first law of thermodynamics; equations of state and calorimetry; availability and useful work; the internal combustion engine and the Otto and Diesel cycles; gas turbines, jet propulsion, and the Brayton cycle; steam power generation and the Rankine cycle; refrigeration and heat pumps; and much more. For use in engineering technology programs.



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