



Engineering Thermodynamics: A Computer Approach (si Units Version): SI Units Version (Mixed media product)

By R. K. Rajput

Infinity Science Press, United States, 2009. Mixed media product. Book Condition: New. 3rd Revised edition. 236 x 188 mm. Language: English . Brand New Book. Intended as a textbook for applied or engineering thermodynamics, or as a reference for practicing engineers, the book uses extensive in-text, solved examples and computer simulations to cover the basic properties of thermodynamics. Pure substances, the first and second laws, gases, psychrometrics, the vapor, gas and refrigeration cycles, heat transfer, compressible flow, chemical reactions, fuels, and more are presented in detail and enhanced with practical applications. This version presents the material using SI Units and has ample material on SI conversion, steam tables, and a Mollier diagram. A CD-ROM, included with the print version of the text, includes a fully functional version of QuickField (widely used in industry), as well as numerous demonstrations and simulations with MATLAB, and other third party software.



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