Introduction to Thermodynamics and Heat Transfer (2nd Revised edition)

By Yunus A. Cengel

McGraw-Hill Education - Europe. Paperback. Book Condition: new. BRAND NEW, Introduction to Thermodynamics and Heat Transfer (2nd Revised edition), Yunus A. Cengel, "Introduction to Thermodynamics and Heat Transfer" provides balanced coverage of the basic concepts of thermodynamics and heat transfer. Together with the clear and numerous illustrations, student-friendly writing style, and manageable math, this is an ideal text for an introductory thermal science course for non-mechanical engineering majors. Continuing in the tradition of "Cengel/Boles: Thermodynamics", this lavishly illustrated text presents the key topics in thermodynamics and heat transfer, in a highly accessible student-friendly fashion.The flexibly organized text can accommodate courses that spend anywhere from 1/3rd to 2/3rds or more of class time on thermodynamics and the rest on key heat transfer topics. The intuitive approach is supported by a wealth of physical explanations and analogies that draw parallels between the subject and the students' everyday experiences. Many of the 150 thoroughly worked out examples and almost 2,000 real-world problems, highlight applications from civil and electrical engineering.Over 1,000 illustrations help students visualize concepts. This approach and contents make this text an ideal resource for introduction to thermodynamics and/or thermal science courses intended for non-mechanical engineering majors.

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