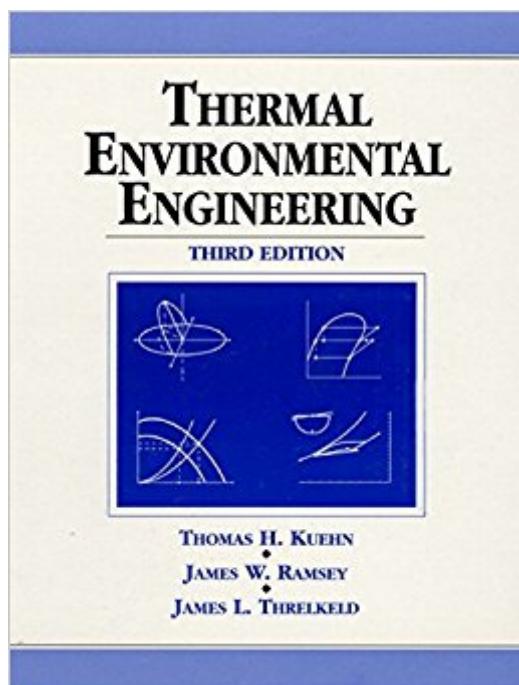


The book was found

Thermal Environmental Engineering (3rd Edition)



Synopsis

The latest edition of the classic book grounded in the fundamentals. It introduces heating, ventilation, and air conditioning starting with basic principles of engineering leading to the latest HVAC design practice. Its engineering approach emphasizes fundamentals and realistic applications. Acknowledging numerous approaches to all engineering problems, the book presents alternate approaches and describes why some approaches work best in specific applications and what compromises are made using each of them. Provides carefully worked examples with step-by-step solutions listing assumptions, reference equations, and supporting material. Incorporates a careful use of easy-to-follow units and conversion factors providing basic mass and energy balances. The third edition of Thermal Environmental Engineering has been updated to reflect current approaches as well as new chapters on energy estimation, air handling system design, and piping system design. Discusses new replacement refrigerants as well as environmental issues. Presents single and multiple zone psychronetic systems; moisture transport in building structures; and the latest topics on indoor air quality and human comfort. An essential reference book for professional mechanical engineers.

Book Information

Paperback: 740 pages

Publisher: Pearson; 3 edition (February 7, 1998)

Language: English

ISBN-10: 0139172203

ISBN-13: 978-0139172205

Product Dimensions: 8 x 1.7 x 10 inches

Shipping Weight: 3.2 pounds (View shipping rates and policies)

Average Customer Review: 3.2 out of 5 stars 10 customer reviews

Best Sellers Rank: #83,924 in Books (See Top 100 in Books) #23 in Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Heating, Ventilation & Air Conditioning #32 in Books > Textbooks > Engineering > Environmental Engineering #130 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental

Customer Reviews

The latest edition of the classic book grounded in the fundamentals. It introduces heating, ventilation, and air conditioning starting with basic principles of engineering leading to the latest HVAC design practice. Its engineering approach emphasizes fundamentals and realistic

applications. Acknowledging numerous approaches to all engineering problems, the book presents alternate approaches and describes why some approaches work best in specific applications and what compromises are made using each of them. Provides carefully worked examples with step-by-step solutions listing assumptions, reference equations, and supporting material. Incorporates a careful use of easy-to-follow units and conversion factors providing basic mass and energy balances. The third edition of Thermal Environmental Engineering has been updated to reflect current approaches as well as new chapters on energy estimation, air handling system design, and piping system design. Discusses new replacement refrigerants as well as environmental issues. Presents single and multiple zone psychronetic systems; moisture transport in building structures; and the latest topics on indoor air quality and human comfort. An essential reference book for professional mechanical engineers.

Good book and great for reference material, however there are several errata in the text. There is some corrections that are published but not all. Therefore in some more complex calculations you have to cross reference with multiple other sources to ensure accuracy. In addition DO NOT RENT THE SOFTCOVER. The binding is not that great and the softcover tears easily. Within days, there were pages falling out and the cover is torn. I used it for one semester and there is not way they are going to accept this as a return and I am going to have to buy the book outright. Bottom Line: Content is great, binding and softcover are not

Loved the hard cover. Classmates had purchased the soft cover book mostly and they were falling apart by the end of the semester. The books that is. But yes also the students.

I had this for my class

Almost a new book and delivered before time, thanks.

Everything. Alright

The index is put in between the appendices of various tables and charts, if that tells you anything. To complete many problems you have to reference other textbooks and tables. It's a waste of space.

some sheets are disconnected

My book sux for its outside quality. It is under very bad condition and cost me 110 bucks. I wish I could return it.

[Download to continue reading...](#)

Thermal Environmental Engineering (3rd Edition) Introduction to Environmental Engineering (McGraw-Hill Series in Civil and Environmental Engineering) Small-Scale Wind Power: Design, Analysis, and Environmental Impacts (Environmental Engineering Collection) Environmental Engineering and Sanitation (Environmental Science and Technology: A Wiley-Interscience Series of Texts and Monographs) Introduction to Thermal Systems Engineering: Thermodynamics, Fluid Mechanics, and Heat Transfer Introduction to Thermal and Fluids Engineering Solar Engineering of Thermal Processes PE Mechanical Engineering: Thermal and Fluids Practice Exam Introduction to Environmental Engineering and Science (3rd Edition) Practice Problems for the Environmental Engineering PE Exam, 3rd Edition Environmental Engineering Reference Manual, 3rd Edition Probability Concepts in Engineering: Emphasis on Applications to Civil and Environmental Engineering (v. 1) Hazardous Gases Underground: Applications to Tunnel Engineering (Civil and Environmental Engineering) Hydrosystems Engineering and Management (Mcgraw Hill Series in Water Resources and Environmental Engineering) G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) Bioprocess Engineering: Basic Concepts (3rd Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Modern Ceramic Engineering: Properties, Processing, and Use in Design, 3rd Edition (Materials Engineering) Gravity Sanitary Sewer Design and Construction (ASCE Manuals and Reports on Engineering Practice No. 60) (Asce Manuals and Reports on Engineering ... Manual and Reports on Engineering Practice) Earthquake Engineering: From Engineering Seismology to Performance-Based Engineering Introduction to Coastal Engineering and Management (Advanced Series on Ocean Engineering) (Advanced Series on Ocean Engineering (Paperback))

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)