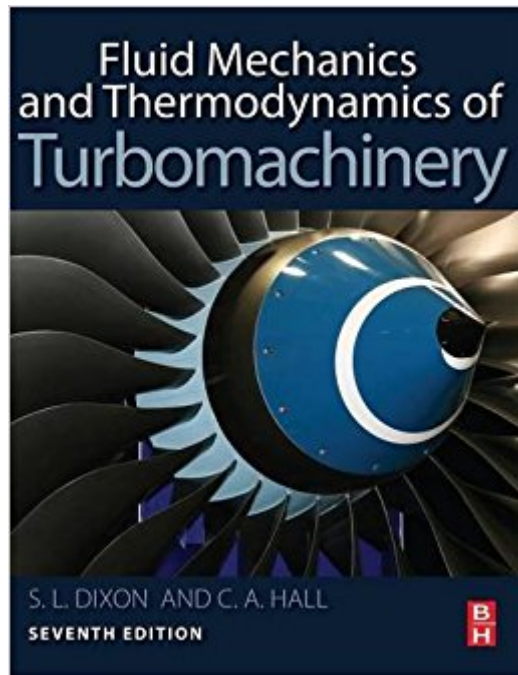


The book was found

Fluid Mechanics And Thermodynamics Of Turbomachinery, Seventh Edition



Synopsis

Fluid Mechanics and Thermodynamics of Turbomachinery is the leading turbomachinery book due to its balanced coverage of theory and application. Starting with background principles in fluid mechanics and thermodynamics, the authors go on to discuss axial flow turbines and compressors, centrifugal pumps, fans, and compressors, and radial flow gas turbines, hydraulic turbines, and wind turbines. In this new edition, more coverage is devoted to modern approaches to analysis and design, including CFD and FEA techniques. Used as a core text in senior undergraduate and graduate level courses this book will also appeal to professional engineers in the aerospace, global power, oil & gas and other industries who are involved in the design and operation of turbomachines. More coverage of a variety of types of turbomachinery, including centrifugal pumps and gas turbines. Addition of numerical and computational tools, including more discussion of CFD and FEA techniques to reflect modern practice in the area. More end of chapter exercises and in-chapter worked examples.

Book Information

Paperback: 556 pages

Publisher: Butterworth-Heinemann; 7 edition (November 13, 2013)

Language: English

ISBN-10: 0124159540

ISBN-13: 978-0124159549

Product Dimensions: 7.5 x 1.2 x 9.2 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars [See all reviews](#) (4 customer reviews)

Best Sellers Rank: #328,581 in Books (See Top 100 in Books) #66 in [Books > Engineering & Transportation > Engineering > Chemical > Fluid Dynamics](#) #120 in [Books > Science & Math > Physics > Dynamics > Thermodynamics](#) #258 in [Books > Textbooks > Science & Mathematics > Mechanics](#)

Customer Reviews

This is a good book that is easy to follow. It does skip over some things, but if you are using with a class, you'll be fine.

A GOOD TEXT BOOK, CLEARLY EXPLAINING CONCEPTS INVOLVED.

Well write, with good documentation.

Great Buy!

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

Fluid Mechanics and Thermodynamics of Turbomachinery, Seventh Edition Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Thermodynamics, Statistical Thermodynamics, & Kinetics (3rd Edition) Thermodynamics With Quantum Statistical Illustrations. Monographs in Statistical Physics and Thermodynamics, Volume 2 Physics for Scientists and Engineers, Vol. 1, 6th: Mechanics, Oscillations and Waves, Thermodynamics, Thermodynamics and Statistical Mechanics: An Integrated Approach (Cambridge Series in Chemical Engineering) Fundamentals of Physics: Mechanics, Relativity, and Thermodynamics (The Open Yale Courses Series) Mechanics And Thermodynamics Of Propulsion Continuum Mechanics and Thermodynamics Schaum's Outline of Fluid Mechanics and Hydraulics, 4th Edition (Schaum's Outlines) Munson, Young and Okiishi's Fundamentals of Fluid Mechanics, 8th Edition Fox and McDonald's Introduction to Fluid Mechanics, 9th Edition Engineering Fluid Mechanics, 11th Edition Fluid Mechanics, Fifth Edition Engineering Fluid Mechanics, 10th Edition A Brief Introduction To Fluid Mechanics, 5th Edition Direct Methods for Solving the Boltzmann Equation and Study of Nonequilibrium Flows (Fluid Mechanics and Its Applications) Fluid Mechanics Fundamentals And Apps, 3E, With Access Code For Connect Plus Process Fluid Mechanics, (Prentice-Hall International Series in the Physical and Chemical Engineering Sciences) Vectors, Tensors and the Basic Equations of Fluid Mechanics (Dover Books on Mathematics)

[Dmca](#)