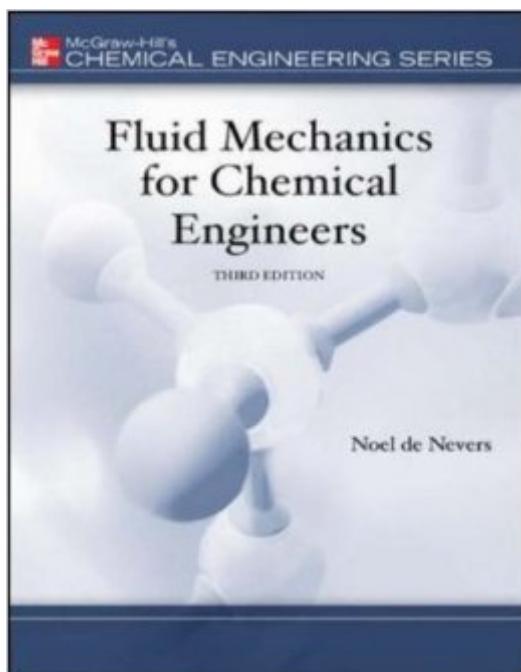


The book was found

Fluid Mechanics For Chemical Engineers (McGraw-Hill Chemical Engineering)



Synopsis

Fluid Mechanics for Chemical Engineers, third edition retains the characteristics that made this introductory text a success in prior editions. It is still a book that emphasizes material and energy balances and maintains a practical orientation throughout. No more math is included than is required to understand the concepts presented. To meet the demands of today's market, the author has included many problems suitable for solution by computer. Two brand new chapters are included. The first, on mixing, augments the book's coverage of practical issues encountered in this field. The second, on computational fluid dynamics (CFD), shows students the connection between hand and computational fluid dynamics.

Book Information

Series: McGraw-Hill Chemical Engineering

Hardcover: 656 pages

Publisher: McGraw-Hill Education; 3 edition (February 20, 2004)

Language: English

ISBN-10: 0072566086

ISBN-13: 978-0072566086

Product Dimensions: 7.5 x 1.2 x 9.5 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 3.4 out of 5 starsÂ See all reviewsÂ (12 customer reviews)

Best Sellers Rank: #165,786 in Books (See Top 100 in Books) #24 in Books > Engineering & Transportation > Engineering > Mechanical > Hydraulics #33 in Books > Engineering & Transportation > Engineering > Chemical > Fluid Dynamics #61 in Books > Textbooks > Engineering > Chemical Engineering

Customer Reviews

This book is bad. In equation developments, it uses cartesian coordinates in a funky way. It changes them! This might not be a problem, but this book uses coordinate systems that don't follow the right-hand rule. For me this was very disturbing, because throughout my education the right-hand rule for coordinate systems was God's word. Another thing is the example problems. When the book shows you the solution, it jumps right into numbers, without even showing you the symbolic development, or what numbers represent what variables. It expects you to infer this from the units! N.B. I've only read the first 50 pages or so of this book, and my frustration led me to write this review. My opinions aren't supported with a complete sense of the book. Then again, the fact that

even the elementary, development part of the book frustrates me could show just how bad this book will become in the latter parts.

Having this textbook for my fluids class made me really love fluid mechanics. You can tell that De Nevers really loves the subject too, because the book is actually fun and interesting to read, unlike my horrible wordy Kinetics book. De Nevers has a great writing voice and a good sense of humor; I laughed without feeling embarrassed (unlike with my cheesy, hackneyed Kinetics book). This book does a good job explaining the concepts of fluid mechanics by providing enough background to understand concepts without being cluttered with information. I highly recommend this book. It's been my favorite textbook so far in college.

worst fluid book as far as the knowledge i gained from this book and the questions on the exam compared to the book it's worthless thanks mcgrew hill for the great chE series !

Couldn't resell it in the US. Was told that it's illegal. Otherwise it had all the same material as the US edition.

how do you rate a mandated text book? Its a love/hate relationship.

I bought the 1st ed. (1970) which surprisingly seems identical in much of the content to the 3rd (2004) as a supplement to a truly horrible book. This book seems to elaborate on many topics, qualitative and quantitative, that either aren't covered or only "covered" in other books. Not sure why its "for Chemical Engineers" as much of the material seems to be general fluid mechanics applicable to many other fields.

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

Fluid Mechanics for Chemical Engineers (McGraw-Hill Chemical Engineering) McGraw-Hill's National Electrical Safety Code 2017 Handbook (Mcgraw Hill's National Electrical Safety Code Handbook) McGraw-Hill's 500 ACT English and Reading Questions to Know by Test Day (Mcgraw Hill's 500 Questions to Know By Test Day) McGraw-Hill Nurses Drug Handbook, Seventh Edition (McGraw-Hill's Nurses Drug Handbook) McGraw-Hill's Conversational American English: The Illustrated Guide to Everyday Expressions of American English (McGraw-Hill ESL References) McGraw-Hill's I.V. Drug Handbook (McGraw-Hill Handbooks) Fluid Mechanics for Chemical Engineers Nuclear Chemical Engineering (1957) (McGraw-Hill Series in Nuclear Engineering)

Hydrology for Engineers (McGraw-Hill Series in Water Resources & Environmental Engineering)
Experimental Methods for Engineers (McGraw-Hill Mechanical Engineering) Process Fluid
Mechanics, (Prentice-Hall International Series in the Physical and Chemical Engineering Sciences)
Polymer Melt Processing: Foundations in Fluid Mechanics and Heat Transfer (Cambridge Series in
Chemical Engineering) Shigley's Mechanical Engineering Design (McGraw-Hill Series in Mechanical
Engineering) Mechanical Engineering Design (McGraw-Hill Mechanical Engineering) Fundamentals
of Engineering Thermodynamics/Book and Disk (Mcgraw Hill Series in Mechanical Engineering)
Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and
Physical Processes in Mechanics and Thermal Sciences) Reinforced Concrete: Mechanics and
Design (4th Edition) (Civil Engineering and Engineering Mechanics) Engineering Fluid Mechanics,
11th Edition Fluid Mechanics With Engineering Applications Engineering Fluid Mechanics, 10th
Edition

[Dmca](#)