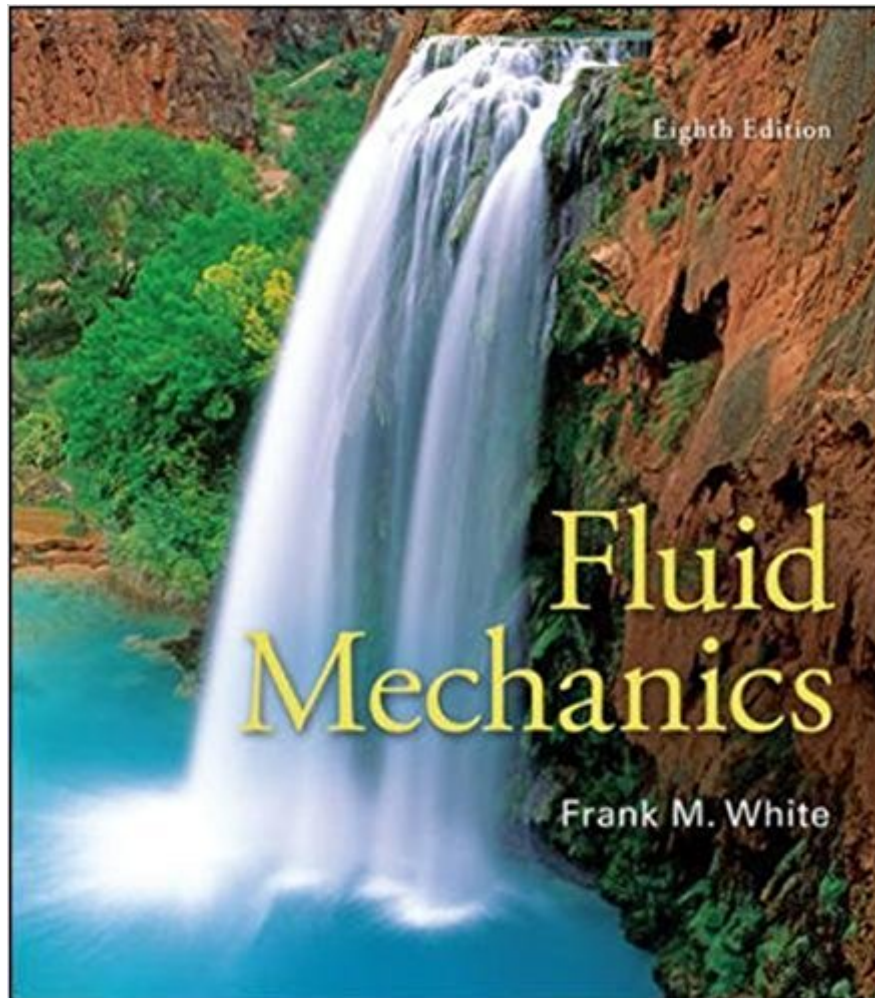




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Fluid Mechanics (Mechanical Engineering)



Synopsis

White's Fluid Mechanics offers students a clear and comprehensive presentation of the material that demonstrates the progression from physical concepts to engineering applications and helps students quickly see the practical importance of fluid mechanics fundamentals. The wide variety of topics gives instructors many options for their course and is a useful resource to students long after graduation. The book's unique problem-solving approach is presented at the start of the book and carefully integrated in all examples. Students can progress from general ones to those involving design, multiple steps and computer usage. McGraw-Hill Education's Connect, is also available as an optional, add on item. Connect is the only integrated learning system that empowers students by continuously adapting to deliver precisely what they need, when they need it, how they need it, so that class time is more effective. Connect allows the professor to assign homework, quizzes, and tests easily and automatically grades and records the scores of the student's work. Problems are randomized to prevent sharing of answers and may also have a "multi-step solution" which helps move the students' learning along if they experience difficulty.

Book Information

Series: Mechanical Engineering

Hardcover: 864 pages

Publisher: McGraw-Hill Education; 8 edition (January 16, 2015)

Language: English

ISBN-10: 0073398276

ISBN-13: 978-0073398273

Product Dimensions: 8.3 x 1.5 x 9.2 inches

Shipping Weight: 3.4 pounds (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 31 customer reviews

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Customer Reviews

Frank M White is Professor Emeritus of Mechanical and Ocean Engineering at the University of Rhode Island. He studied at Georgia Tech and M.I.T. In 1966 he helped found, at URI, the first department of ocean engineering in the country. Known primarily as a teacher and writer, he has received eight teaching awards and has written four textbooks on fluid mechanics and heat transfer.

From 1979 to 1990 he was editor-in-chief of the ASME Journal of Fluids Engineering and then served from 1991 to 1997 as chairman of the ASME Board of Editors and of the Publications Committee. He is a Fellow of ASME and in 1991 received the ASME Fluids Engineering Award.

I used this book for an undergrad fluid mechanics course. The book is well written, however I eventually gave up on trying to read and understand it. It seems is written by a really smart person and most of the time I found the material in the book to be over my head. A lot of my classmates thought the same thing too. I often thought that this textbook is more suited for graduate level students. However the book keeps true to fluid mechanics and does not include a lot of unnecessary "filler" material that some textbooks do. By filler material I mean stuff that is related to the subject but not necessary for the the understanding of the material.

It is a good text for fluid mechanics but a little common sense would go a long way to make it better. Good example problems but also poor direction with homework problems. Many assumptions are made but never stated to the student. If the instructor tells you ahead of time, then things will make sense. Without this type of insight many of the problems are very ambiguous.

The book came kind of wrapped around a cardboard box. It was in okay conditions, but I do not believe it was new. It still works as book though, which is the main purpose of this purchase, and for an incredible price.

Exactly what I expected. It is a real shame that the US version cost over 10x's more than this book.

Love it

Excellent

A very good textbook.

Glad I purchased this book. Great seller. Good price, and I received it quickly.

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