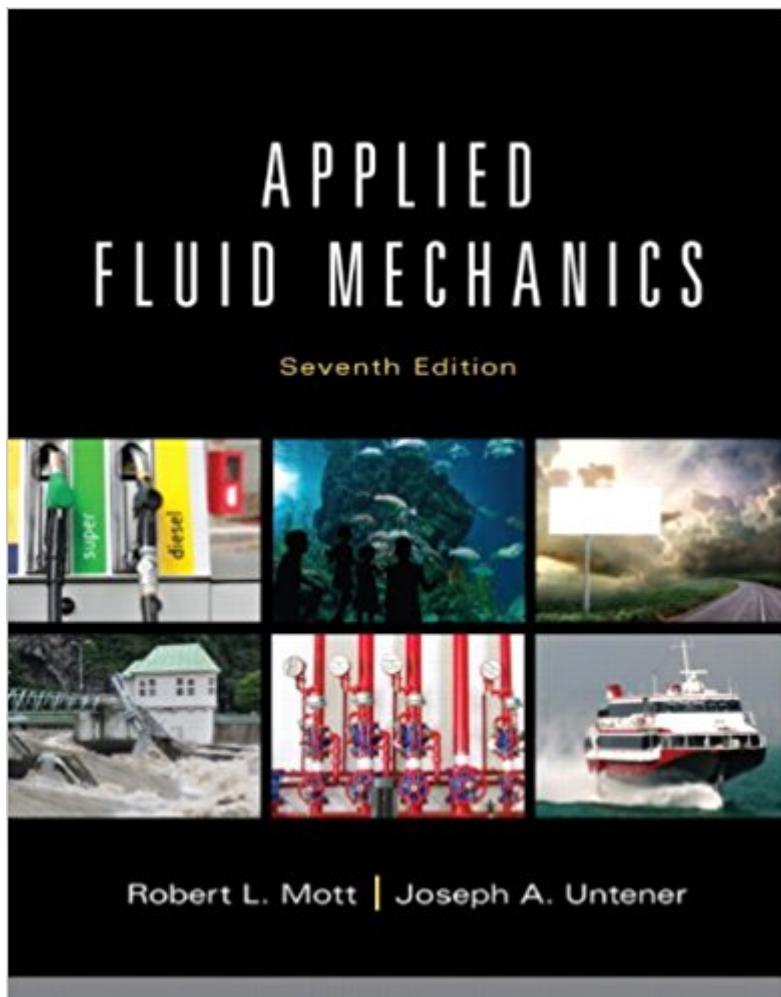


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Applied Fluid Mechanics (7th Edition)



Synopsis

The leading applications-oriented approach to engineering fluid mechanics is now in full color, with integrated software, new problems, and extensive new coverage. Now in full color with an engaging new design, *Applied Fluid Mechanics*, Seventh Edition, is the fully updated edition of the most popular applications-oriented approach to engineering fluid mechanics. It offers a clear and practical presentation of all basic principles of fluid mechanics (both statics and dynamics), tying theory directly to real devices and systems used in mechanical, chemical, civil, and environmental engineering. The 7th edition offers new real-world example problems and integrates the use of an online downloadable demo of a world-renowned PIPE-FLO® software for piping system analysis and design. It presents new procedures for problem-solving and design; more realistic and higher quality illustrations; and more coverage of many topics, including hose, plastic pipe, tubing, pumps, viscosity measurement devices, and computational fluid mechanics. Full-color images and color highlighting make charts, graphs, and tables easier to interpret organize narrative material into more manageable chunks and make all of this text's content easier to study.

Teaching and Learning Experience This applications-oriented introduction to fluid mechanics has been redesigned and improved to be more engaging, interactive, and pedagogically effective. Completely redesigned in full color, with additional pedagogical features, all designed to engage today's students: This edition contains many new full-color images, upgraded to improve realism, consistency, graphic quality, and relevance. New pedagogical features have been added to help students explore ideas more widely and review material more efficiently. Provides more hands-on practice and real-world applications, including new problems: Includes new real-world example problems and supplementary problems. Students can access an online downloadable demo of the popular PIPE-FLO® software to complete select activities. Updated and refined to reflect the latest products, tools, and techniques: Contains updated data and analysis techniques, improved problem solving and design techniques, new content on many topics, and extensive new references.

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Customer Reviews

I ordered this book from New Paradigm Books thinking it was the hard cover displayed in the photo, however it was not. Instead I received the Global Edition, which is considered to be the same book just with a different cover. This is NOT the case. I looked up some of the practice problems from the hard cover, non-global edition displayed in the photo, to check if they matched up with the Global Edition that I received; I need this book for a class and imagine that the homework problems will be a main area of focus. The problems I randomly picked, which were throughout the chapters, were mostly the same, but NOT all of them matched up. Many of the units, i.e. velocity speeds and lengths, were different between the problems in the two books. Because of this experience, I am warning those who purchase this book to double check if they are ordering the hard cover or the soft cover Global Edition. The Global Edition does seem to explain things well and the examples given are step-by-step, which is nice. The diagrams and conversion factors provided also help clarify a lot of information. I gave this review 3 stars because shipping was fast (about 6 days when it was projected to be about 2 weeks) and the book was in good condition. Additionally, this is not a bad book based on my skimming through it, but if you require the hard cover for a class, the Global Edition may not work for you, depending on your professor and course objectives. Please be wary so you don't have to exchange the book as I am going to.

Beware, not the same as the english edition. Language is fine, just problems are different.

great

This book is awesome!!! Mott really knows how to write a practical and usable book. Even if you've never taken a class on Fluid Mechanics, you can pick up this book, read it on your own, and become very proficient in designing piping and fluid systems. The book is very well written for the

novice undergraduate student as well as for the working engineer; it's plainly written, to the point, and includes exactly what you need to know to understand the material. The author really has an understanding of the scope needed for a practical/applied text.

good

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Great

Very resourceful

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