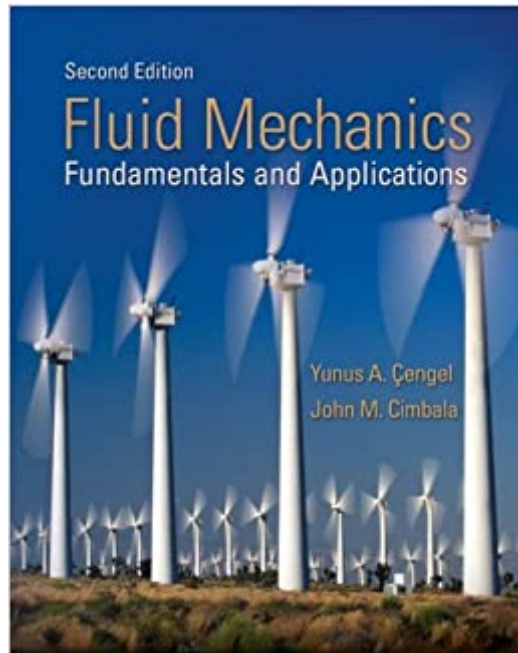




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Fluid Mechanics With Student Resources DVD



Synopsis

Fluid Mechanics: Fundamentals and Applications, communicates directly with tomorrow's engineers in a simple yet precise manner. The text covers the basic principles and equations of fluid mechanics in the context of numerous and diverse real-world engineering examples. The text helps students develop an intuitive understanding of fluid mechanics by emphasizing the physics, using figures, numerous photographs and visual aids to reinforce the physics. Fluid mechanics is by its very nature a highly visual subject, and students learn more readily by visual stimulation. This text distinguishes itself from others by the way the material is presented - in a progressive order from simple to more difficult, building each chapter upon foundations laid down in previous chapters. In this way, even the traditionally challenging aspects of fluid mechanics can be learned effectively.

Book Information

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Customer Reviews

Yunus A. Çengel (Turkey) is Professor Emeritus of Mechanical Engineering at the University of Nevada, Reno. John Cimbala (University Park, PA) is Professor of Mechanical Engineering at The Pennsylvania State University

I used this textbook for an introductory college course on Fluid Mechanics. It has been over a year since I have taken the course, so I cannot comment on the specific errors that Professor David Huntley describes in the first chapter. However, having covered every chapter of the book in a 7-week course, I found it to be an excellent resource for learning the fundamentals of the subject.

The text provides clear explanations, proofs, examples, and equations, and the writing is actually fairly interesting to read. Often, textbooks can be dull and difficult to understand, but reading through this book stimulated my interest in the subject and provided clear explanations. While I may not recall every specific detail of the book, I do recall that while taking the course and in later courses, the book was and has been a very helpful tool and reference. I am sure the book contains errors, but I have yet to find a book that does not include any errors. If you can accept the book for what it is (an attempt to help the reader understand principles of fluid mechanics) and read beyond the first chapter (merely an introduction), the book teaches the subject well. I much prefer this textbook to the Fluid Mechanics book by Frank White (Fluid Mechanics with Student DVD (McGraw-Hill Series in Mechanical Engineering)), which I used for an intermediate fluid mechanics class this past year.

Great book had student's DVD included.

Fluids was a great class, and I was able to learn a lot just reading the book. I enjoyed the problems in the book, and felt it was a great learning tool.

This was a pretty decent textbook, I was required to get it for one of my classes but it was very informational.

Great book and in perfect conditions.

Is almost identical to the 3rd edition except the third edition is in color. Has good explanations and is an asset to any student of fluid mechanics.

This book has lots of great examples to learn from, which is very helpful for a student studying mechanical engineering. The author makes concepts easy to understand, and it's not that painful of a read. The subject matter is interesting to any engineer.

The book is great. I got it for a course I'm taking in college. It explains things pretty simply. It arrived on time from when I ordered it and has been a great resource in my studies.

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