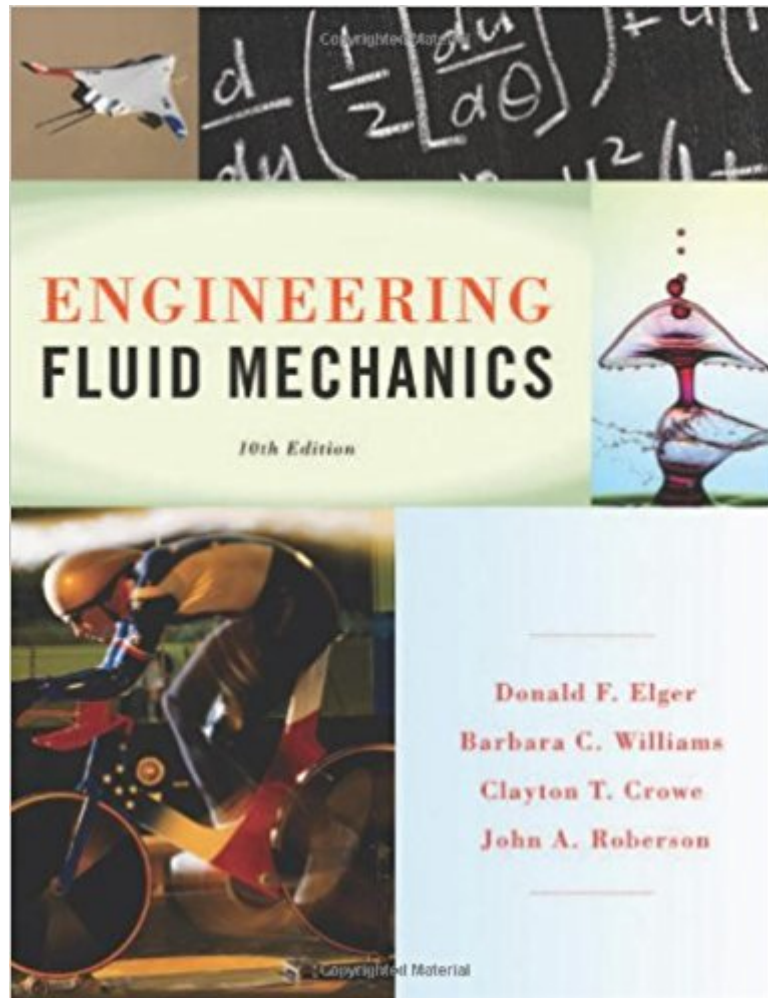




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Engineering Fluid Mechanics



Synopsis

Written by dedicated educators who are also real-life engineers with a passion for the discipline, *Engineering Fluid Mechanics*, 10th Edition, carefully guides students from fundamental fluid mechanics concepts to real-world engineering applications. The Tenth Edition and its accompanying resources deliver a powerful learning solution that helps students develop a strong conceptual understanding of fluid flow phenomena through clear physical descriptions, relevant and engaging photographs, illustrations, and a variety of fully worked example problems. Packed with more than 1,100 problems—including open-ended design problems and computer-oriented problems—this text offers ample opportunities for students to apply fluid mechanics principles as they build knowledge in a logical way and enjoy the journey of discovery.

Book Information

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Customer Reviews

I took fluid mechanics as a junior with this textbook. First off, there are a surprisingly large number of errors in the book, including writing mistakes and errors in the example problems. The layout and color scheme of the text are dull and unimaginative. Despite these issues, the text overall was solid and the most important topics were well-covered. Still, considering the number of mistakes for such a late edition, I would avoid this text.

I purchased the e-book copy of this text book for my Fluid Mechanics class this semester. The chapters are all in the same order and format as in the physical book and each page is the exact same, to my knowledge. So far I have learned quite a bit of Fluid Mechanics, but I still have much of

the book to go since I am only 3 weeks into the semester. I've found the chapters to be fairly easy to read and understand and have not found any problems with the practice problems that I have completed. My only complaint about the e-book copy is that some of the tables and figures that are normally in the front of the physical book have been moved to the back of the e-book and are a little difficult to find. This wouldn't be as big of a problem if the problems did not require these tables and figures as often as they do. All in all the e-book beats buying the textbook at the school store for \$200.

I am writing this as an engineering student at Brown University, RI, USA. I think it is helpful -and less biased- when students write reviews of the books they are using. This is a well-written book that covers all the appropriate material to be taught in an introductory Fluid Mechanics course in an engineering curriculum. In my opinion, the format of every chapter is clear and gradually guides the reader to grasp the essence of the concepts included. It includes plenty of figures to illustrate several phenomena or to help derive equations. Some figures are confusing though and need to include more discussion. The Appendices of the book are clearly labeled and easy to use; this is true for figures, graphs and tables. I believe that this is very important since I used books in the past which included very unorganized tables and I couldn't figure out what I was looking for! There are many problems at the end of every chapter ranging from basic to more complex ones. Problems are grouped according the way the chapter is divided into concepts. Perhaps the book lacks general conceptual problems and/or real-life application problems, but our Professor provided this material. Overall, I would recommend this textbook to other students who are interested to get a smooth and paced introduction to Fluid Mechanics and to teachers who want to supplement their lecture with a reliable study-guide.

It's a textbook...

perfect

I will preface this by saying that I haven't gone out and searched every fluid mechanics book to find something better. I never deal with fluids and I never plan to deal with them again. The only thing I found that was useful from this book was Bernouli's equation, but you can learn everything on that topic from free references rather than paying for this book. I found the book to be confusing, poorly worded, and lacking in real-world examples and example problems. The text is boring and found in

abundance, and I simply don't have the attention span or the desire to read a wall of text about fluid mechanics. I got an A in the class, but it wasn't because of this book. Thank goodness I never have to pretend to care about fluids again.

Thanks item as described.

If you are looking for a solutions manual as the description implies this is not the text. This is a paper back fluid mechanics text in SI units and otherwise identical to the hard backed version. The phrase " Student Solutions Manual" is false advertising. The text is in good condition and for those who are looking for a cheaper and lighter text this may be the one if all SI units are tolerable.

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