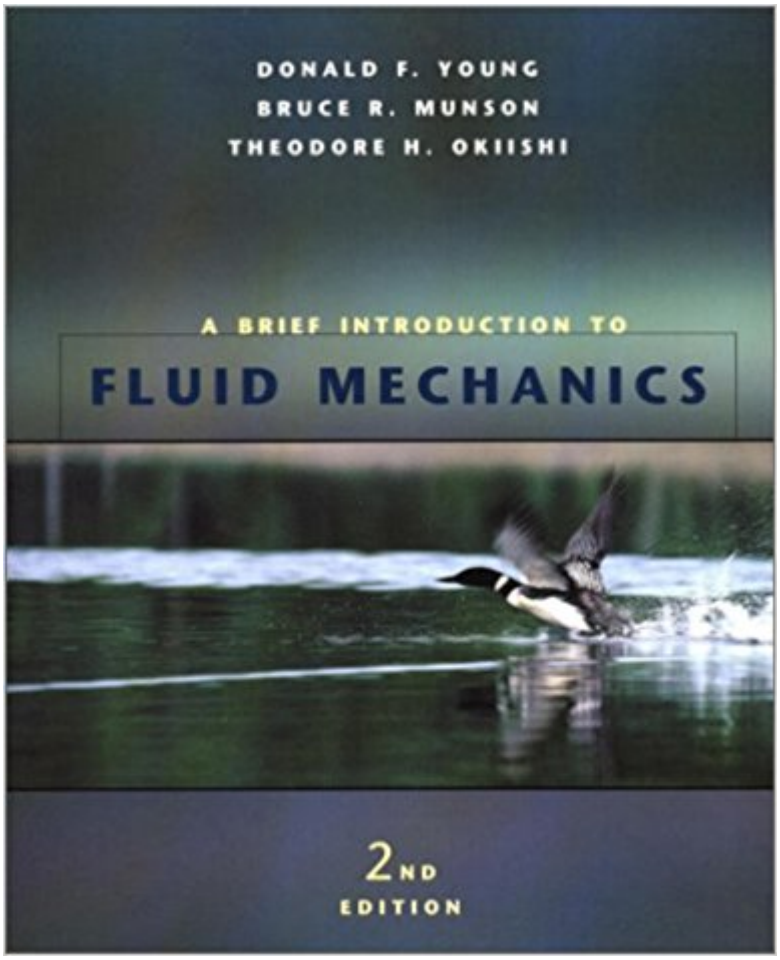
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A Brief Introduction To Fluid Mechanics



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Synopsis

This concise, yet comprehensive book covers the basic concepts and principles of modern fluid mechanics. It examines the fundamental aspects of fluid motion including important fluid properties, regimes of flow, pressure variations in fluids at rest and in motion, methods of flow description and analysis.

Book Information

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Customer Reviews

Solutions Manual and Instructor's Manual available. -- The publisher, John Wiley & Sons --This text refers to an out of print or unavailable edition of this title.

This compact, contemporary, student-friendly book consists of examples and text involving everyday situations to reinforce the concept that fluid mechanics is an important part of our world as well as enabling students to master problem solving skills. Comprised of 10 chapters, the book contains more than enough material for a comprehensive one-semester course. Nearly one hundred examples are presented that provide detailed solutions to a variety of problems. Also, a generous set of homework problems in each chapter stresses the practical application of principles. In addition, several open-ended problems that do not provide all the information required to solve the problem are included in most chapters. Another feature is the inclusion of extended, laboratory-type problems in most chapters. --This text refers to an out of print or unavailable edition of this title.

I bought this thinking it would help and be a good supplement to the actual book. I found that I never used this thing at all. The examples in the actual book are good and thorough enough to get you on the right track. I wish I never bought this.

This is not a solutions manual to the "Brief Introduction to Fluid Mechanics" textbook, but rather solutions to supplemental questions for each section in the book. It’s kind of nice to have some extra practice, but otherwise not really necessary.

This was the book used for my first course in fluid mechanics and it was great. The text is easy to understand and follow. Example problems are done out fully. The material in the book is not in-depth enough to make it a great reference, but as far as instruction goes, this book is superb. Another great part of this book is that it is not as expensive as other texts. A new copy of the second edition was less than $40 at the campus bookstore.A note to instructors, the solution manual (which is also excellent) is readily available online - or at least it used to be.

This is not a solutions manual to the problems in the textbook. However, knowing that it is still a very helpful resource. There are similar problems from each chapter to help with homework problems and most of the test questions for my course came from this book, so it makes a great study tool. One of the problems was incorrect, you’ll find it if you look, they put a decimal in the wrong place before performing a calculation. Other than that, it’s a great supplemental instruction tool.

This solutions manual does not provide answers to the questions at the end of each chapter of the fluid mechanics book; instead the solutions correspond to the Review Problems section on the book website. There are around 15 problems worked out per chapter, all of which are easy to follow and understand. This book is a good reference to have but for me isn’t worth the money since it doesn’t help me work through my homework problems.

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