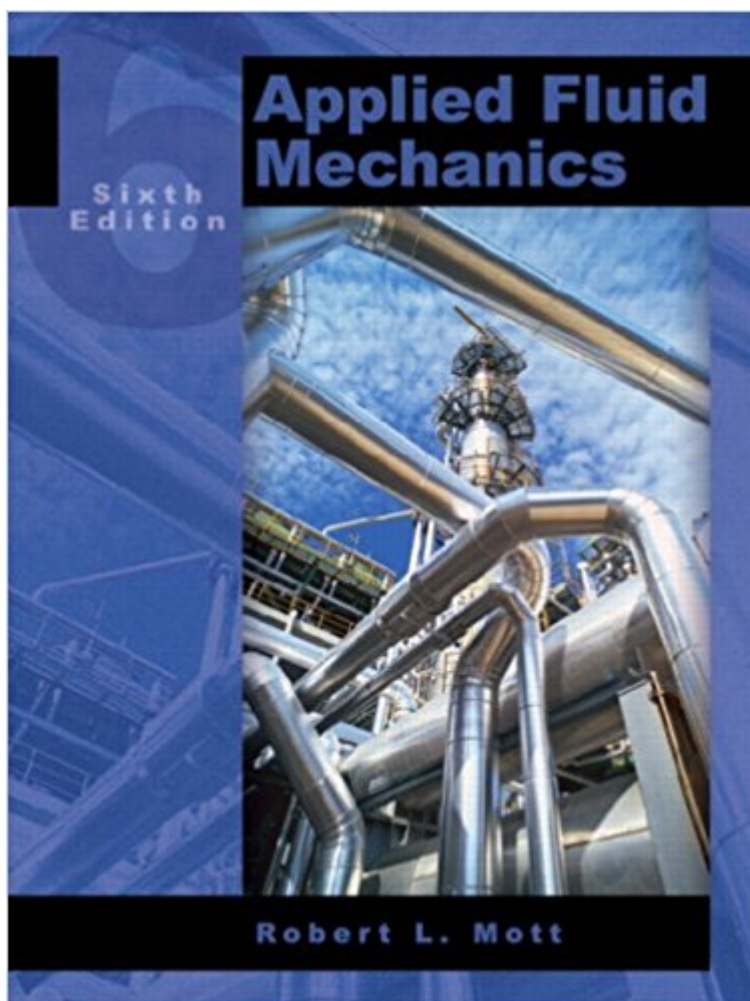


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Applied Fluid Mechanics (6th Edition)



Synopsis

For undergraduate-level courses in Fluid Mechanics or Hydraulics in Mechanical, Chemical, and Civil Engineering Technology and Engineering programs. The most popular applications-oriented approach to engineering technology fluid mechanics, this text covers all of the basic principles of fluid mechanics-both statics and dynamics-in a clear, practical presentation that ties theory directly to real devices and systems used in chemical process industries, manufacturing, plant engineering, waste water handling and product design. Readable and clearly written, the new 6th edition brings a much more attractive appearance to the book and includes many updates and additional features.

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Customer Reviews

With a wealth of updated coverage and a new two-color format that makes information even more interesting and accessible---here is the new Fourth Edition of the most-popular engineering technology fluid mechanics text. Here are all of the basic principles of fluid mechanics, both statics and dynamics, in a clear, practical presentation that ties theory directly to real devices and systems used in chemical process industries, manufacturing, plant engineering, waste water handling and product design. This edition incorporates the latest data on viscosity, introduces the use of the Swamee- Jain approach, to computing friction factors, and illustrates the latest pressure and flow devices available on the market. A unique presentation of the Moody diagram makes this complex diagram easy to use! A new graphic icon in the margins that highlights major formulae and definitions, and the use of a second color throughout, complete the revision. This text is well known for developing topics in a way students can easily follow...building one upon the other. Concepts are

reinforced by a wealth of carefully-chosen practice problems-over 1,000 in all--and students learn fundamental principles through hands-on problem-solving, just as they will use them in the field.

--This text refers to an out of print or unavailable edition of this title.

The most popular book on the market that takes an applications-oriented approach to engineering technology fluid mechanics, *Applied Fluid Mechanics* covers all of the basic principles of fluid mechanics-both static and dynamic-in a clear, practical presentation that ties theory directly to real devices and systems used in chemical process industries, manufacturing, plant engineering, waste water handling and product design. Readable and clearly written, the new 6th edition brings a much more attractive appearance to the book and includes many updates and additional features. Primary emphasis is on fluid properties, the measurement of pressure, density, viscosity, and flow, fluid statics, flow of fluids in pipes and noncircular conduits, pump selection and application, open channel flow, forces developed by fluids in motion, the design and analysis of HVAC ducts, and the flow of air and other gases. An excellent reference and handbook for mechanical engineers, manufacturing engineers, civil engineers, and chemical engineers.

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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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