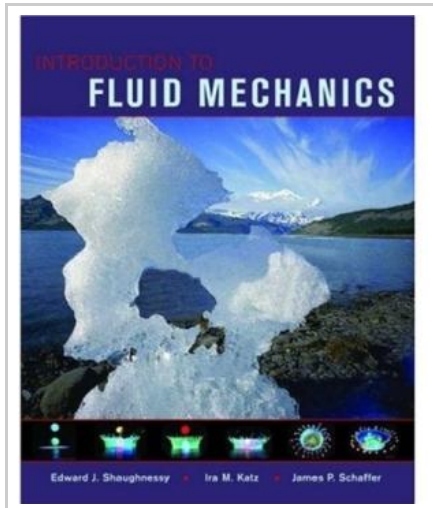




Introduction to Fluid Mechanics: includes CD

By Shaughnessy, Edward J.; Katz, Ira M.; Schaffer, James P.

Oxford University Press, 2004. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service!

Summary: Each chapter ends with a summary and problems. Preface
 PART 1: FUNDAMENTALS
 1. Fundamental Concepts
 1.1. Introduction
 1.2. Gases, Liquids, and Solids
 1.3. Methods of Description
 1.3.1. Continuum Hypothesis
 1.3.2. Continuum and Noncontinuum Descriptions
 1.3.3. Molecular Description
 1.3.4. Lagrangian Description
 1.3.5. Eulerian Description
 1.3.6. Choice of Description
 1.4. Dimensions and Unit Systems
 1.4.1. Systems
 1.4.2. Systems
 1.4.3. Systems
 1.4.4. Preferred Unit Systems
 1.4.5. Unit Conversions
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 2.9.1. Internal Energy
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 3. Case Studies in Fluid Mechanics
 3.1. Introduction
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 3.3. Case Studies
 3.3.1. Flow in a Round Pipe
 3.3.2. Flow Through Area Change
 3.3.3. Pump and Fan

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