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Fluid Mechanics (Eighth Edition)

By Frank M. White

McGraw Hill Education, 2016. Softcover. Condition: New. 5th or later edition. The eighth edition of White's Fluid Mechanics offers students a clear and comprehensive presentation of the material that demonstrates the progression from physical concepts to engineering applications and helps students quickly see the practical importance of fluid mechanics fundamentals. The wide variety of topics gives instructors many options for their course and is a useful resource to students long after graduation. The book's unique problem-solving approach is presented at the start of the book and carefully integrated in all examples. Students can progress from general ones to those involving design, multiple steps and computer usage. Content: Chapter 1: Introduction Chapter 2: Pressure Distribution in a Fluid Chapter 3: Integral Relations for a Control Volume Chapter 4: Differential Relations for Fluid Flow Chapter 5: Dimensional Analysis and Similarity Chapter 6: Viscous Flow in Ducts Chapter 7: Flow Past Immersed Bodies Chapter 8: Potential Flow and Computational Fluid Dynamics Chapter 9: Compressible Flow Chapter 10: Open-Channel Flow Chapter 11: Turbomachinery Printed Pages: 800.



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