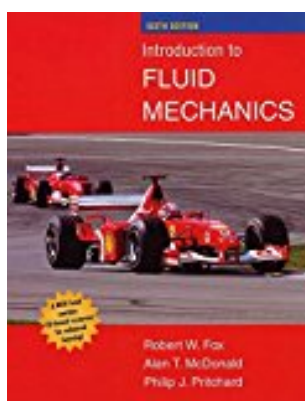


[PDF] Introduction To Fluid Mechanics

Robert W. Fox, Philip J. Pritchard, Alan T. McDonald - pdf download free book



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Description:

From the Back Cover A proven problem-solving approach in Fluid Mechanics now integrated with Excel!

Fox, McDonald & Pritchard provide a balanced approach to fluid mechanics that arms students with a proven problem-solving methodology. Students will learn to adopt an orderly approach to solving problems.

- Providing a fresh look, new co-author Philip J. Pritchard, of Manhattan College, has clarified and improved descriptions and explanations throughout the book.
- The text emphasizes the control volume concept to provide a practical problem solving approach that is theoretically inclusive.
- 116 detailed example problems illustrate important concepts; each problem is solved in complete detail to demonstrate good solution procedure.
- 45 example problems have associated *Excel*/workbooks that enable students to perform “What if?” scenarios when studying the examples; many of the workbooks can be modified to solve end-of-chapter problems.
- Students can use *Excel* to vary problems parameters to gain insight into the behavior of complex solutions.
- 1315 end-of-chapter problems, with varying degrees of difficulty, provide the opportunity to practice building problem-solving skills.
- The CD accompanying the text includes: special and/or advanced topic sections for further study that are not include in the printed text, 45 example problem workbooks in *Excel*, and “A Brief Review of Microsoft *Excel*” (an introduction to *Excel*’s basic features, and such advanced features as *Solver* and macros).

About the Author Robert W. Fox, Purdue University

Alan T. McDonald, Purdue University --This text refers to an out of print or unavailable edition of this title.

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