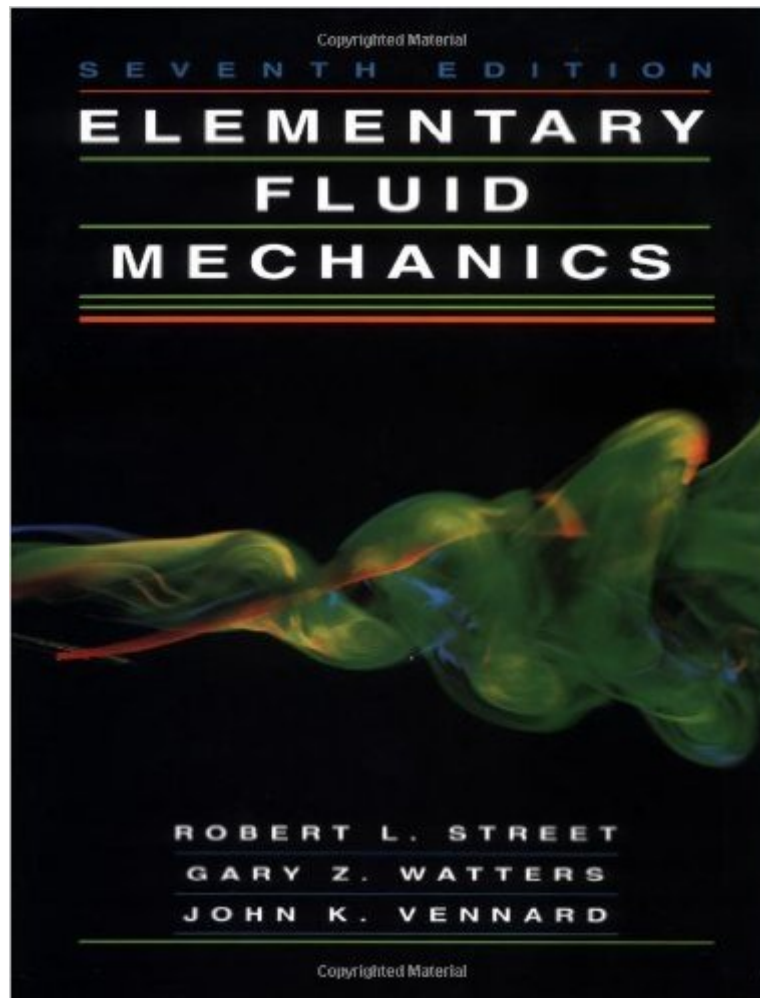


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Elementary Fluid Mechanics



Synopsis

This edition retains the basic approach and style that has appealed to readers for over fifty years. The first half focuses on fundamental physical and analytical principles. The second half covers applications of those principles to flow in pipes and open channels, lift and drag, fluid machinery, and compressible flow. The final chapter is an introduction to an array of fluid measurements and the instruments for making them.

Book Information

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Was easy to understand, I've held onto it (even though it's not the field I practice in), which I think is a great sign when textbooks cost as much as they do!

this is a generally good book. of course, but as textbooks go, this is worth it. the material is as clear as can be, so that makes it a little easier to deal with an otherwise tough subject.

The title of this book is misleading--there is nothing elementary in this book. Flipping through this book one will probably become intimidated by sheer volume of "difficult math". This book might be of great help in a graduate level Fluid Mechanics course, but the definitions, derivations, and concepts in general are too difficult for an undergraduate. If you have a good instructor, he or she will probably be able to simplify things for you, otherwise the book will teach you nothing. Many of the problems/examples, however, seem to be simple enough and can be solved using simple

equations, so one wonders why the text goes in to so much detail using esoteric mathematics. If you are an undergraduate, and your instructor makes you buy this book, be sure to get some sort of supplementary outline book, or else you will probably be lost.

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