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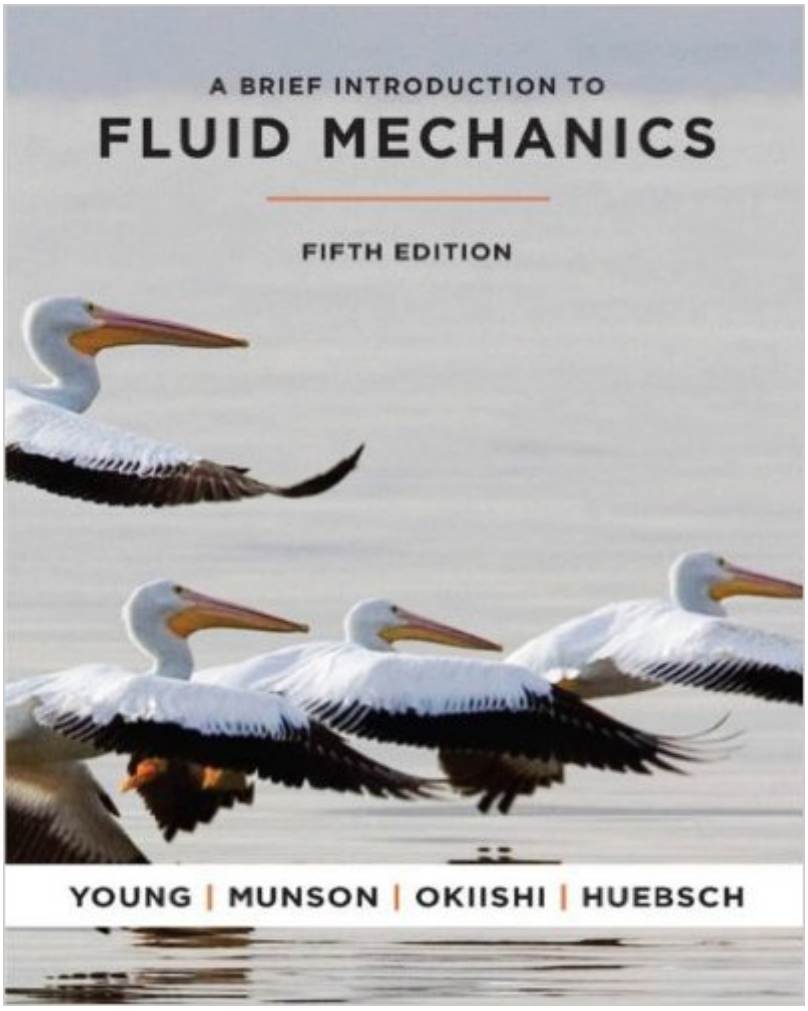
A Brief Introduction To Fluid Mechanics, 5th Edition



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Synopsis

A Brief Introduction to Fluid Mechanics, 5th Edition is designed to cover the standard topics in a basic fluid mechanics course in a streamlined manner that meets the learning needs of today's student better than the dense, encyclopedic manner of traditional texts. This approach helps students connect the math and theory to the physical world and practical applications and apply these connections to solving problems. The text lucidly presents basic analysis techniques and addresses practical concerns and applications, such as pipe flow, open-channel flow, flow measurement, and drag and lift. It offers a strong visual approach with photos, illustrations, and videos included in the text, examples and homework problems to emphasize the practical application of fluid mechanics principles.

Book Information

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Customer Reviews

The text of the book was very clear but some of the homework problems seemed a bit vague and not directly related to the examples given. Sometimes the examples would skip steps, making it difficult to follow on your own.The biggest nuisance was in my paperback edition some of the key

tables that are typically included on the front and back inside covers were missing. Many of my fellow pupils ran into this same problem with their paperback editions. My professor had to give us a print out version from her older edition hardback copy.

The book doesn't have odd number problems. Also, I was unable to access the resources and WileyPlus because my instructor did not use WileyPlus. I couldn't watch the videos or use the Appendices online. However, it is a good book to learn basic fluid mechanics. Overall, great shipping services.

Overall, the text is understandable, but there are a lot of homework problems that seem very abstract and much different than the given examples. Then again, fluids can be tough.

I would recommend this product to anyone taking fluid mechanics. It is pretty easy to read and there are lots of examples to go along with the homework/end of chapter problems.

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