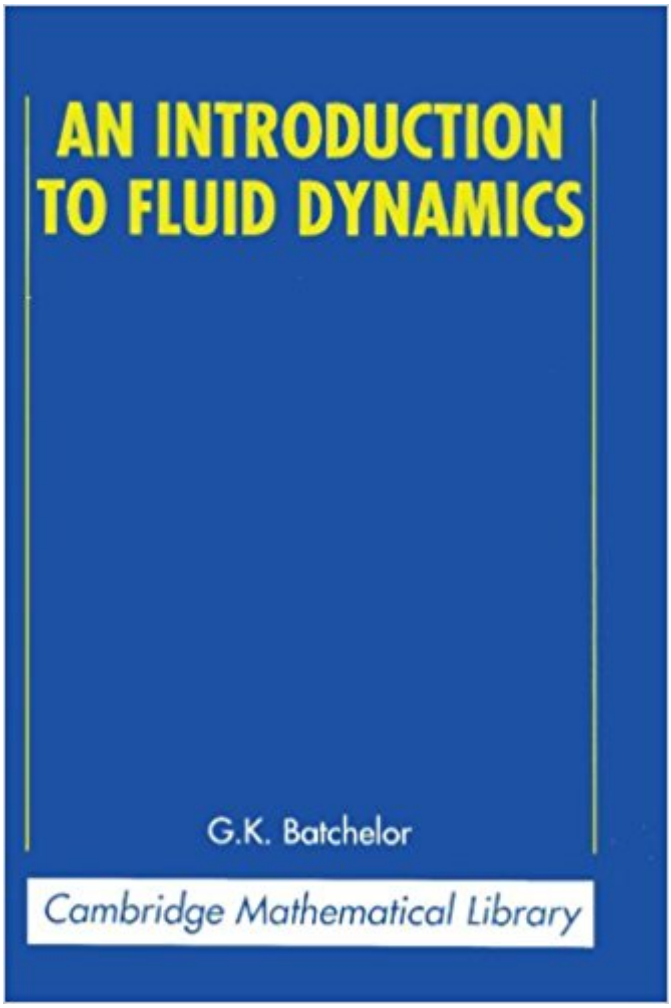
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An Introduction To Fluid Dynamics (Cambridge Mathematical Library)



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Synopsis

First published in 1967, Professor Batchelor's classic work is still one of the foremost texts on fluid dynamics. His careful presentation of the underlying theories of fluids is still timely and applicable, even in these days of almost limitless computer power. This reissue ensures that a new generation of graduate students experiences the elegance of Professor Batchelor's writing.

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'This book gives an excellent introduction to fluid dynamics ... many interesting and important photographs of fluid flows are included in order to help the students who do not have an opportunity of observing flow phenomena in a laboratory. The book also contains exercises at the end of each chapter. In comparison with many currently available books, I find this book by Batchelor especially stimulating and useful for students of applied mathematics and engineering.' L. Debnath, Zentralblatt MATH' ... a must-read for a proper understanding of the subject ...' Resonance

First published in 1967, Professor Batchelor's classic text on fluid dynamics is still one of the foremost texts in the subject. The careful presentation of the underlying theories of fluids is still timely and applicable, even in these days of almost limitless computer power. This re-issue should ensure that a new generation of graduate students see the elegance of Professor Batchelor's presentation.

I highly recommend this book for anyone wanting to learn fluid dynamics at a very deep level. It’s a dense read, but well-written and has a lot of gems in there.

This is the best presentation of basic fluid dynamics I have seen. I used this book in grad school and enjoyed its simple and clear approach. Some modern textbooks distract you with excessive graphics and make me feel like I have ADD when reading them. This text is straight and to the point yet very clearly worded. The paperback version is a steal and should be in anybody’s library who is studying fluid or aerodynamics.

Detailed introduction. Some of the physical science explanations are a little naÃƒÆ’Ã Â ve; but an excellent detailed mathematical review.

I remember being introduced to this book by my PhD advisor a few years ago. I asked for an itroductory course in Fluid Mechanics, and he simply said "We’ll, that oughtta be Batchelor! It’s an unmatched classic". Purchasing my own copy was just a matter of time. If you ever wondered how to familiarize yourself with the field, your search is over - this is a definitive, high-level, brilliantly written course with good mathematical background and a certain charm.

If you are interested in fluid dynamics and you don’t want to deal with a lot of complicated formulas this is the book. If you’re doing research that involves fluid flow, you can find your type of flow here and get a qualitative, if not enough quantitative, feeling about it. I generally recommend this book for any physics and mechanical engineering graduate, advanced undergraduate students, and whoever does research in fluids.

Easy read and great over view for beginner needs to learn fluid dynamics! I highly recommned this for anyone who wants to learn fluid dynamics

Book is one of the best for any student of fluid mechanics - problem is that I planned on a digital copy but could not deliver it to my Android tablet. So I had to cancel digital order and order a paper back. So much for the digital revolution!

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