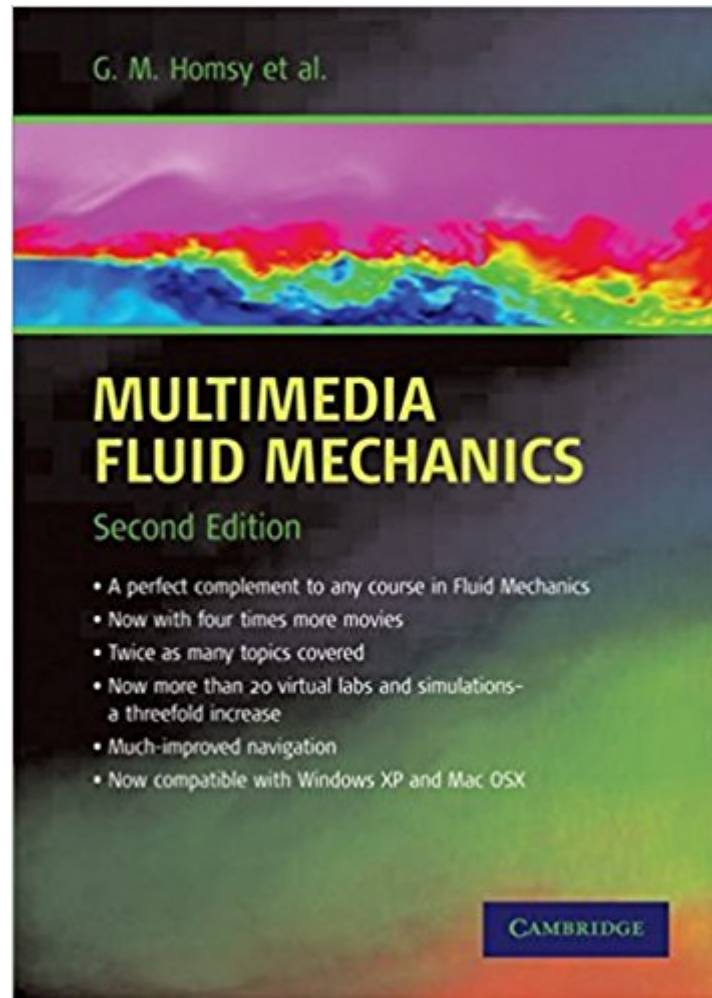




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Multimedia Fluid Mechanics



Synopsis

Inspired by the reception of the first edition, the objectives in Multimedia Fluid Mechanics 2/e remain to exploit the moving image and interactivity of multimedia to improve the teaching and learning of fluid mechanics in all disciplines by illustrating fundamental phenomena and conveying fascinating fluid flows for generations to come. This completely new edition on DVD includes: *Twice the coverage with new modules on Turbulence, Control Volumes, Interfacial Phenomena, and Similarity and Scaling *Four times the number of fluids videos, now nearly 1000 *Now over 20 Virtual labs and simulations *Dozens of new interactive demonstrations and animations New features: *Improved navigation via side bars that provide rapid overview of modules and guided browsing *Media libraries of each chapter giving a snapshot of videos, each with descriptive labels *Facility to create movie playlists, invaluable in teaching *Higher resolution graphics, with full or part screen viewing options *Operates on PC and Mac OSX. Using the DVD with the Lion and Windows 7 Operating System: Apple has released a piece of software called Rosetta and it adds the functionality required to make the existing DVD work properly with the latest Apple operating Systems and with Windows 7. No additional development work is required. The install of the Rosetta software is automatic if not already installed - the only requirement is that the Mac be online or the user have the original OSX DVD (if not online).

Book Information

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Customer Reviews

Praise for the First edition: "Homsy and his colleagues have now provided us with a new and powerful teaching aid...This CD is an ambitious project, and, in my view, it has been accomplished

with remarkable success...I have no doubt that this CD-ROM should be regarded as a 'set text' for viscous fluid mechanics courses at the undergraduate or starting graduate levels." Journal of Fluid Mechanics
Praise for the First edition: "It is impossible to do justice in a short review to the range of video clips available...A student could learn a lot from browsing through the material on his or her own PC... Overall I liked the CD very much indeed, and at the price it represents excellent value. It should be snapped up immediately by university lecturers, students and school Physics departments." Mathematical Gazette
Praise for the First edition: "...a very useful addition to standard fluid mechanics courses for undergraduate students." Zentralblatt fur Mathematik
Homsy (Univ. of California, Santa Barbara) and collaborators are to be lauded for producing this remarkable source, which brings a whole world of fluid mechanics to one's fingertips. With the DVD, teaching fluid mechanics is no longer the same." R.N Laoulache, Choice"... A significant upgrade from the earlier versions." AIAA Journal

Inspired in large part by the very favorable reception of the first edition, Multimedia Fluid Mechanics 2/e continues to exploit the moving image and interactivity of multimedia to improve the teaching and learning of fluid mechanics by illustrating fundamental phenomena and conveying fascinating fluid flows.

Really not that great. It's very outdated and only provides pretty basic overviews of each topic. That said, the price is great since it's basically an entire textbook saved on the disk. You'll need further explanation for most topics, but as a reference piece, this is a good source.

The best lecture for basic and advanced fluid mechanics. It provides great animations and pictures for better presenting the idea. I suggest it for people who have good background of fluid mechanics and would like to learn some more or refresh their knowledge.

Does not run on an iMac i had to install virtual box and run it with windows xp

Good theory, good concepts, many videos 100% recommended. The best acquisition of fluid mechanics that I've done so far. the only downside is that some operating systems installation fails, however can be overcome easily.

This is an excellent product for an excellent price. I recommend it for all Engineering and Science

students. It makes for effective and fun learning. Bud Homsy is a great guy, too. I'm in his math class in UBC.

As advertised!

Really great item! It is a must to get this DVD if you are studying the principles and laws of fluid mechanics.

This doesn't work in Mac OS X Lion. I have a Snow Leopard system and it works fine as it can execute PPC code. But in the new system, it fails. It should be updated for the 3rd edition soon! I'm giving it a 5 stars based on my experience where it works.

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