Fluid Dynamics II
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B O O K S

* Acheson, D.J. **Elementary Fluid Dynamics**. Oxford University Press (£27.00 paperback).

Well-balanced, interesting treatment of much of the material of the course.

* Batchelor, G.K. **An Introduction to Fluid Dynamics**. Cambridge University Press. (£25.99 paperback).

Written by the late founding head of DAMTP. A comprehensive treatise which presents much of the material of this course in great depth.

Ockendon,H. & Ockendon,J.R. **Viscous Flow** CUP, about £15.

Terse but some useful sections on slow flows and lubrication theory.

Happel, J. & Brenner, H. **Low Reynolds Number Hydrodynamics**. Noordhoff International. (out of print, but in the University Library and many college libraries).

One of the standard books on the subject though now somewhat dated.

Homsy, G.M. et al. **Multi-media Fluid Mechanics**. Cambridge University Press 2000 (CD-ROM for Windows or Macintosh; £15.99 + VAT).

An interesting and different presentation of the material.

Landau, L.D. & Lifschitz, E.M. **Fluid Mechanics**. Butterworth Heinemann (out of print but in University Library and many college libraries).

One of a series of textbooks written by these two internationally recognised Russian physicists. It presents a thorough and always interesting point of view.

Schlichting, H.B. **Boundary Layer Theory**. Springer. (£77.00 hardback).

All you ever wanted to know, and more, on the classical aspects of this topic.

* Tritton, D.J. **Physical Fluid Dynamics**. Oxford University Press. (£37.50 paperback).

A very readable account of many of the phenomena of fluid dynamics described from a physical viewpoint.

* Van Dyke, M. **An Album of Fluid Motion**. Parabolic Press, Stanford. Available via Amazon.

An extensive array of black and white photographs of many different kinds of fluid motions. MUST at least be looked at.

Samimy, M. et al. **A Gallery of Fluid Motion** CUP 2003. About £20.

Stunning colour photos on the same theme.

* denotes the more important books to read.

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