

Main and secondary literature for the course on Fluid Mechanics

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Some basic literature on Fluid Mechanics

- **Elementary Fluid Dynamics.** D. J. Acheson, Oxford University Press (1990). ISBN-10: 0198596790
- **An introduction to fluid mechanics.** G. K. Batchelor, Cambridge University Press (1970), [new edition 2000]. ISBN-10: 0521663962
- **Course of Theoretical Physics (Vol. VI: Fluid Mechanics).** L. D. Landau & E. M. Lifschitz, Pergamon Press Ltd. (1959). [2^d edition 1987]. ISBN-10: 0750627670
- **An informal introduction to theoretical fluid mechanics.** James Lighthill, Cambridge University Press, Cambridge (1986, 1988). ISBN-10: 0198536305
- **A First Course in Fluid Dynamics.** A. R. Paterson, Cambridge University Press (1983). ISBN: 9780521274241
- **The Navier-Stokes equations: A classifications of flows and exact solutions.** Norman Riley & Philip Drazin, *London Mathematical Society Lecture Notes Series 334*, Cambridge University Press (2006, 2007). ISBN-13: 978-0-521-68162-9
- **Physical fluid dynamics.** D. J. Tritton, Oxford Science Publications. [2^d edition 1988]. ISBN-10: 0198544936
- **Theoretical fluid dynamics.** Bhimsen K. Shivamoggi, serie *Mechanics of fluids and transport processes*, Martinus Nijhoff Publishers, Dordrecht, [2^d edition 1998]. ISBN-10: 0471056596

Some basic literature on Geophysical Fluid Dynamics

- **Introduction to Geophysical Fluid Dynamics.** Benoit Cushman-Roisin, Prentice-Hall (1994). ISBN-10: 0133533018
- **Geophysical Fluid Dynamics.** Joseph Pedlosky, Springer-Verlag, [2^d edition 1987, 1992]. ISBN-10: 0387963871

Some basic literature on the History of Fluid Mechanics (and on the History of Mechanics in general)

- **Essays in the History of Mechanics.** Clifford A. Truesdell, Springer Verlag, Berlin, Heidelberg (1968). ISBN: 9783642866470.