

ESSENTIAL FLUID DYNAMICS JONATHAN BRAITHWAITE

Sep 27, 2020



[Essential Fluid Dynamics Jonathan Braithwaite](#)

The book is an introduction to the subject of fluid mechanics, essential for students and researchers in many branches of science. It illustrates its fundamental principles with a variety of examples drawn mainly from astrophysics and geophysics as well as from everyday experience. Prior familiarity with basic thermodynamics and vector calculus is assumed.

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Jonathan Braithwaite obtained his PhD at the Max-Planck-Institut für Astrophysik in Munich in cooperation with the Universiteit van Amsterdam. The stars are theoretically the same everywhere so he was able to follow this up with a stint at the Canadian Institute for Theoretical Astrophysics in Toronto before moving back to Germany to work at the university in Bonn, where he taught the course on hydrodynamics that led to this book. --This text refers to the

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