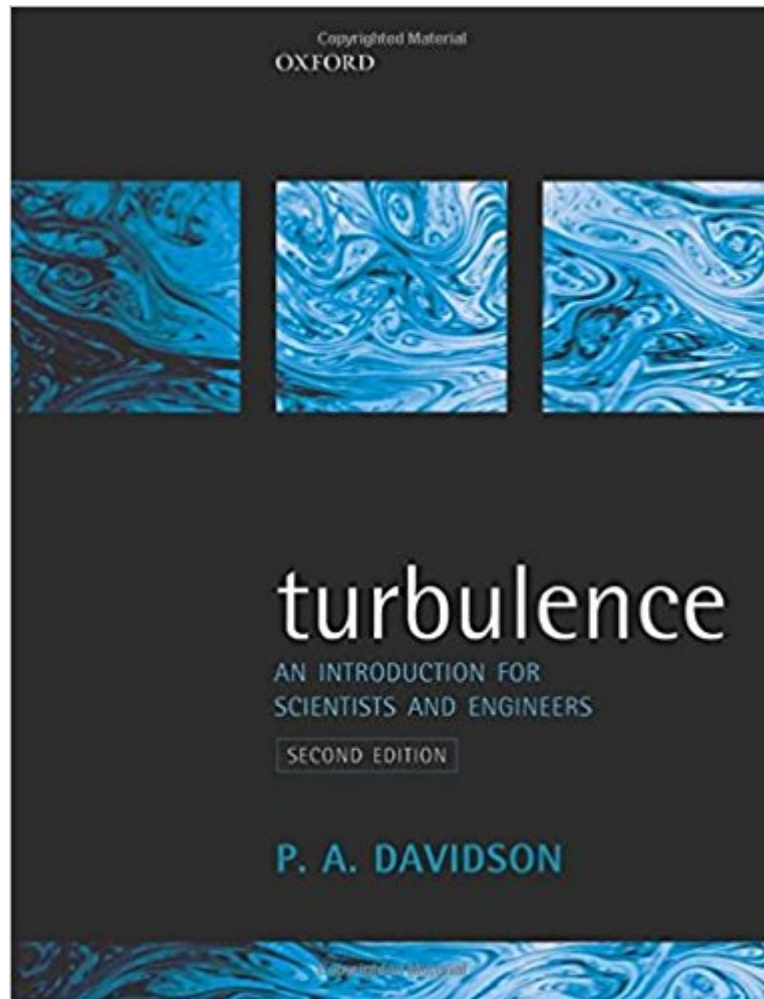


The book was found

# Turbulence: An Introduction For Scientists And Engineers



## Synopsis

This is an advanced textbook on the subject of turbulence, and is suitable for engineers, physical scientists and applied mathematicians. The aim of the book is to bridge the gap between the elementary accounts of turbulence found in undergraduate texts, and the more rigorous monographs on the subject. Throughout, the book combines the maximum of physical insight with the minimum of mathematical detail. Chapters 1 to 5 may be appropriate as background material for an advanced undergraduate or introductory postgraduate course on turbulence, while chapters 6 to 10 may be suitable as background material for an advanced postgraduate course on turbulence, or act as a reference source for professional researchers. This second edition covers a decade of advancement in the field, streamlining the original content while updating the sections where the subject has moved on. The expanded content includes large-scale dynamics, stratified & rotating turbulence, the increased power of direct numerical simulation, two-dimensional turbulence, Magnetohydrodynamics, and turbulence in the core of the Earth

## Book Information

Paperback: 688 pages

Publisher: Oxford University Press; 2 edition (August 11, 2015)

Language: English

ISBN-10: 0198722591

ISBN-13: 978-0198722595

Product Dimensions: 9.6 x 1.3 x 7.4 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars [See all reviews](#) (4 customer reviews)

Best Sellers Rank: #456,724 in Books (See Top 100 in Books) #103 in [Books > Engineering & Transportation > Engineering > Mechanical > Hydraulics](#) #3173 in [Books > Science & Math > Mathematics > Applied](#) #4372 in [Books > Textbooks > Science & Mathematics > Mathematics](#)

## Customer Reviews

The book itself is really good and physical. Just got the second edition, haven't read it, I base my impressions on the first edition. However, I have to tell that the typesetting of the second edition (hardcover) is awful, moreover compared with the nice layout of the first edition (paperback). Just seems to be some crappy standard layout. Oxford university press did a very poor and cheap job, shame on them.

great supplement to Hinze's 1975 "Turbulence".

Comprehensive approach to turbulence, complementary to Turbulence from Stephen Pope. Intends to be less mathematical and more physical.

Very well written and illustrated. If I only had a few years to sit down and read it entirely!

[Download to continue reading...](#)

Turbulence: An Introduction for Scientists and Engineers Introduction to Probability and Statistics for Engineers and Scientists, Fifth Edition Feedback Systems: An Introduction for Scientists and Engineers C++ for Engineers and Scientists (Introduction to Programming) MATLAB - Programming with MATLAB for Beginners - A Practical Introduction to Programming and Problem Solving (Matlab for Engineers, MATLAB for Scientists, Matlab Programming for Dummies) Sedimentology and Sedimentary Basins: From Turbulence to Tectonics Turbulence The Misbehavior of Markets: A Fractal View of Financial Turbulence FORTRAN 77 and Numerical Methods for Engineers and Scientists Physics for Scientists and Engineers, Vol. 1, 6th: Mechanics, Oscillations and Waves, Thermodynamics, Digital Signal Processing: A Practical Guide for Engineers and Scientists Discovering Modern C++: An Intensive Course for Scientists, Engineers, and Programmers (C++ In-Depth) FORTRAN 90 for Engineers and Scientists CUDA Fortran for Scientists and Engineers: Best Practices for Efficient CUDA Fortran Programming Fortran 95/2003: for Scientists and Engineers Structured Fortran 77 for Engineers and Scientists Fortran 77 for Engineers and Scientists FORTRAN 90 for Scientists and Engineers Water Wave Mechanics for Engineers and Scientists: 2 (Advanced Series on Ocean Engineering) Essential MATLAB for Engineers and Scientists, Fifth Edition

[Dmca](#)