



The Theory of Homogeneous Turbulence

By G. K. Batchelor

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 1982.
 Paperback. Book Condition: New. Reprint. 218 x 80 mm.
 Language: English Brand New Book ***** Print on Demand *****.
 This is a reissue of Professor Batchelor's text on the theory of turbulent motion, which was first published by Cambridge University Press in 1953. It continues to be widely referred to in the professional literature of fluid mechanics, but has not been available for several years. This classic account includes an introduction to the study of homogeneous turbulence, including its mathematic representation and kinematics. Linear problems, such as the randomly-perturbed harmonic oscillator and turbulent flow through a wire gauze, are then treated. The author also presents the general dynamics of decay, universal equilibrium theory, and the decay of energy-containing eddies. There is a renewed interest in turbulent motion, which finds applications in atmospheric physics, fluid mechanics, astrophysics, and planetary science.



READ ONLINE
 [9.37 MB]

Reviews

These kinds of pdf is the best publication readily available. This is for anyone who statte there had not been a well worth reading through. You wont truly feel monotony at at any moment of your own time (that's what catalogs are for relating to if you ask me).

-- **Neil Halvorson**

A brand new eBook with an all new point of view. I could possibly comprehended every little thing using this written e publication. Your life span is going to be change once you comprehensive looking at this publication.

-- **Sabina Waelchi**