



Fluid Mechanics, Second Edition: Volume 6 (Course of Theoretical Physics S)

L D Landau, E.M. Lifshitz

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New to this second edition are discussions on the universal dimensions similarity scaling for the laminar boundary layer equations and on the generalized vector field derivatives. In addition, new material on the generalized streamfunction treatment shows how streamfunction may be used in three-dimensional flows. Finally, a new Computational Fluid Dynamics chapter enables computations of some simple flows and provides entry to more advanced literature.

* Basic introduction to the subject of fluid mechanics, intended for undergraduate and beginning graduate students of science and engineering.

* Includes topics of special interest for geophysicists and to engineers.

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