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Liu, Peiqing

# A General Theory of Fluid Mechanics

- Brings together biographies and popular science
- Combines natural science and human history with knowledge inheritance and cognitive laws
- Breaks down the abstract concepts of fluid mechanics and replaces them with intuitive and easy-to-understand physical concepts
- Covers the development history of and basic information on fluid mechanics organically to help readers fully understand the development of the field

This book provides a general introduction to fluid mechanics in the form of biographies and popular science. Based on the author's extensive teaching experience, it combines natural science and human history, knowledge inheritance and cognition law to replace abstract concepts of fluid mechanics with intuitive and understandable physical concepts. In seven chapters, it describes the development of fluid mechanics, aerodynamics, hydrodynamics, computational fluid dynamics, experimental fluid dynamics, wind tunnel and water tunnel equipment, the mystery of flight and aerodynamic principles, and leading figures in fluid mechanics in order to spark beginners' interest and allow them to gain a comprehensive understanding of the field's development. It also provides a list of references for further study.

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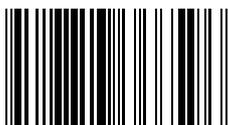
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