



## Engineering Fluid Mechanics (Vol.1)

By LI YU ZHU

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Publisher: Tsinghua University Press Pub. Date :2006-10-20. The book includes: Introduction. fluid statics. fluid kinematics. fluid dynamics based on a rotating flow and potential flow. flow resistance and energy loss. dimensional analysis and similarity theory. theoretical basis and the boundary layer flow around sports. orifice. flow nozzle and a pressure pipe flow. compressible flow in the pipe flow. turbulent jet and turbulent diffusion. Contents: Preface Chapter 1 Introduction 1.1 fluid mechanics research and development task 1.2 A Brief History of the basic characteristics of the fluid and the fluid continuum hypothesis 1.3 1.4 The main physical properties of the force acting on the fluid on the fluid mechanics research methods 1.5 thinking questions self-test review Chapter 2 of Title Problems hydrostatic strength and hydrostatic properties 2.1 2.2 2.3 gravitational field equations of fluid balance in the distribution of 2.4 fluid static pressure acting on the plane of the liquid pressure of 2.5 total effect of liquid on the surface of liquid total pressure 2.6 the relative balance of self-test questions Review questions Thinking Exercises 3.1 Chapter 3 fluid kinematic description...



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