

Table of contents provided by Syndetics

- **1 Introduction**
- **2 Properties of Fluids**
- **3 Fluid Statics**
- **4 Basics of Fluid Flow**
- **5 Energy in Steady Flow**
- **6 Momentum and Forces in Fluid Flow**
- **7 Similitude and Dimensional Analysis**
- **8 Steady Incompressible Flow in Pressure Conduits**
- **9 Forces on Immersed Bodies**
- **10 Steady Flow in Open Channels**
- **11 Fluid Measurement**
- **12 Unsteady-Flow Problems**
- **13 Steady Flow of Compressible Fluids**
- **14 Ideal Flow Mathematics**
- **15 Hydraulic Machinery - Pumps**
- **16 Hydraulic Machinery - Turbines Appendix A Fluid and Geometric Properties
Appendix B Equations in Fluid Mechanics Appendix C Programming and
Computer Applications Appendix D Examples of Using Solvers**