



## Fluid Mechanics with Engineering Applications (Tenth Edition)

By E. John Finnemore, Joseph Franzini

McGraw Hill Education 0. Softcover. Book Condition: New. 18 x 24 cm. This book is well known and well respected in the civil engineering market and has a following among civil engineers. As with all previous editions this 10th edition is extraordinarily accurate, and its coverage of open channel flow and transport is superior. There is a broader coverage of all topics in this edition of Fluid Mechanics with Engineering Applications. Salient Features An increased number of exercises and problems (1354 total). 110 figures added to help present exercises, problems and solutions. Numerous challenging problems that can optionally be solved with computers and programmable calculators. New sample solutions use Excel, MathCAD and the HP-48G. TABLE OF CONTENTS: 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-...



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