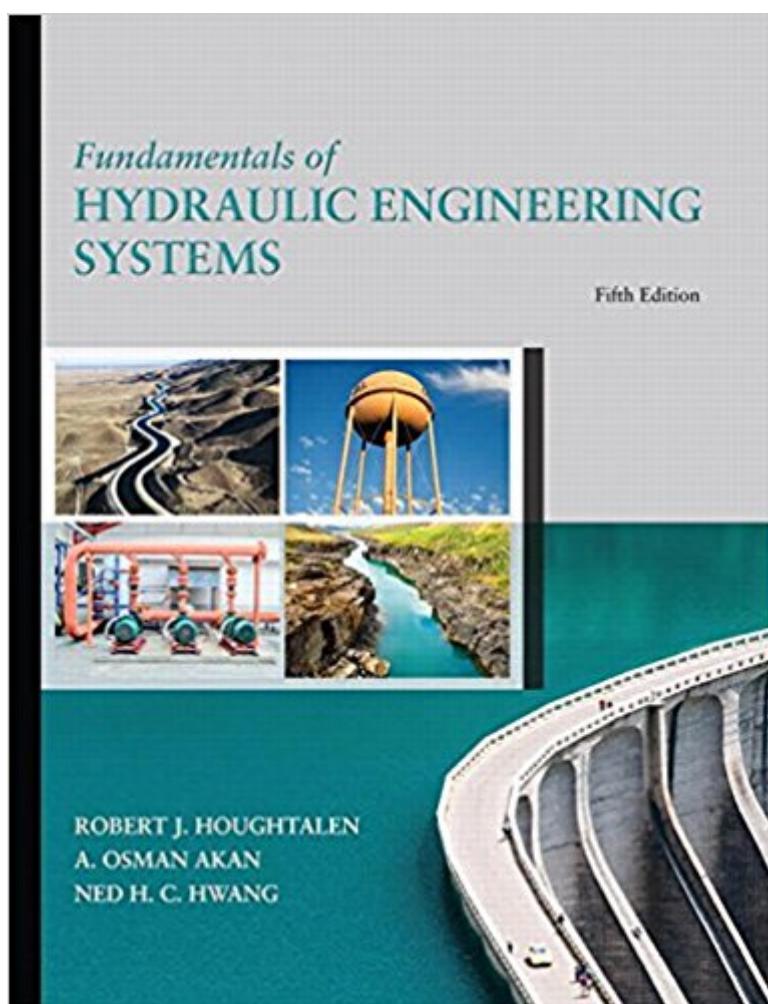


The book was found

# Fundamentals Of Hydraulic Engineering Systems (5th Edition)



## Synopsis

Understanding Hydraulics: The Design, Analysis, and Engineering of Hydraulic Systems

Fundamentals of Hydraulic Engineering Systems bridges the gap between fundamental principles and techniques applied to the design and analysis of hydraulic engineering systems. An extension of fluid mechanics, hydraulics is often more difficult to understand, and experience shows that many engineering students have trouble solving practical problems in hydraulics. The book builds on readers' problem solving skills by presenting various problem and solution scenarios throughout including effective design procedures, equations, tables and graphs, and helpful computer software.

The first half of the Fifth Edition discusses the fundamentals of fluid statics, fluid dynamics, and pipe flow, giving readers practical insight on water flow and pipe design. The latter half dives into water flow and hydraulic systems design, covering some of the most common hydraulic structures such as wells, dams, spillways, culverts, and stilling basins. The book ends with four ancillary topics: measurements, model studies, hydrology for hydraulic design and statistical methods in hydrology, as well as common techniques for obtaining hydraulic design flows.

~

## Book Information

Hardcover: 528 pages

Publisher: Pearson; 5 edition (January 24, 2016)

Language: English

ISBN-10: 0134292383

ISBN-13: 978-0134292380

Product Dimensions: 7.1 x 0.9 x 9.2 inches

Shipping Weight: 2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #153,356 in Books (See Top 100 in Books) #30 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Hydrology #37 in Books > Engineering & Transportation > Engineering > Mechanical > Hydraulics #500 in Books > Textbooks > Science & Mathematics > Earth Sciences

## Customer Reviews

Arrived in perfect condition.

[Download to continue reading...](#)

The Hydraulics Manual: Includes Hydraulic Basics, Hydraulic Systems, Pumps, Hydraulic Actuators, Valves, Circuit Diagrams, Electrical Devices, Troubleshooting and Safety (Mechanics and Hydraulics) Fundamentals of Hydraulic Engineering Systems (5th Edition) Fundamentals of Hydraulic Engineering Systems (4th Edition) Fundamentals of Hydraulic Engineering Systems Systems Engineering and Analysis (5th Edition) (Prentice Hall International Series in Industrial & Systems Engineering) Nuclear Systems Volume I: Thermal Hydraulic Fundamentals, Second Edition Hydrology and Hydraulic Systems, Fourth Edition Fundamentals Of Information Systems Security (Information Systems Security & Assurance) - Standalone book (Jones & Bartlett Learning Information Systems Security & Assurance) Hydrology and Hydraulic Systems Hydraulic Systems for Mobile Equipment Hydraulic Ram Pumps: A Guide to Ram Pump Water Supply Systems Electrical Control of Fluid Power: Electric and Electronic Control of Hydraulic & Air Systems Nuclear Systems II: Elements of Thermal Hydraulic Design The Engineering Design of Systems: Models and Methods (Wiley Series in Systems Engineering and Management) Hydraulic Engineering Computer Applications in Hydraulic Engineering Engineering Fundamentals: An Introduction to Engineering (Activate Learning with these NEW titles from Engineering!) Tissue Engineering I: Scaffold Systems for Tissue Engineering (Advances in Biochemical Engineering/Biotechnology) (v. 1) Fundamentals of Materials Science and Engineering: An Integrated Approach, 5th Edition Mechanical and Electrical Systems in Architecture, Engineering and Construction (5th Edition)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)