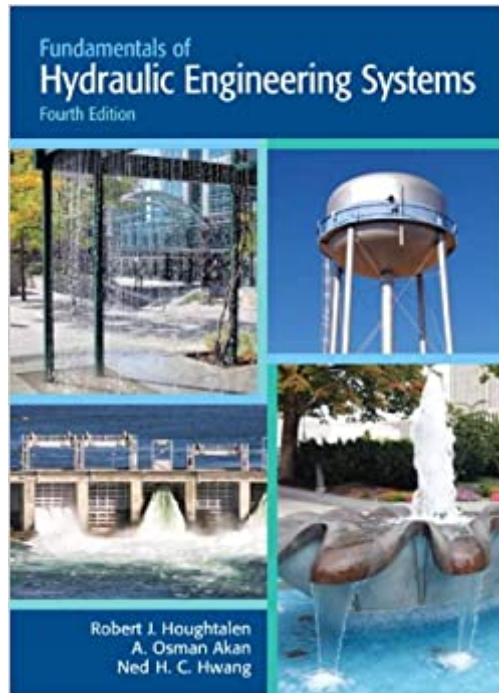




Ebook Directory
the best source of ebook

The book was found

Fundamentals Of Hydraulic Engineering Systems (4th Edition)



Synopsis

Fundamentals of Hydraulic Engineering Systems, Fourth Edition is a very useful reference for practicing engineers who want to review basic principles and their applications in hydraulic engineering systems. This fundamental treatment of engineering hydraulics balances theory with practical design solutions to common engineering problems. The author examines the most common topics in hydraulics, including hydrostatics, pipe flow, pipelines, pipe networks, pumps, open channel flow, hydraulic structures, water measurement devices, and hydraulic similitude and model studies. Chapters dedicated to groundwater, deterministic hydrology, and statistical hydrology make this text ideal for courses designed to cover hydraulics and hydrology in one semester.

Book Information

Hardcover: 494 pages

Publisher: Prentice Hall; 4 edition (August 17, 2009)

Language: English

ISBN-10: 0136016383

ISBN-13: 978-0136016380

Product Dimensions: 7.1 x 0.9 x 9.3 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars 10 customer reviews

Best Sellers Rank: #154,379 in Books (See Top 100 in Books) #31 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Hydrology](#) #39 in [Books > Engineering & Transportation > Engineering > Mechanical > Hydraulics](#) #503 in [Books > Textbooks > Science & Mathematics > Earth Sciences](#)

Customer Reviews

Designed to bridge the gap between basic principles and the techniques applied to the design and analysis of hydraulic engineering systems. This text exposes students to many problems commonly encountered in practice, various solution scenarios (e.g., design formulas, tables, and computer software) that are written by one of the largest commercial vendors of hydrology and hydraulics software. --This text refers to an out of print or unavailable edition of this title.

KEY BENEFIT: Offering a balanced treatment of both theory and practical design solutions, this book examines the fundamental concepts of engineering hydraulics. KEY TOPICS: Fundamentals

Properties of Water; Water Pressure and Pressure Forces; Water Flow in Pipes; Pipelines and Pipe Networks; Water Pumps; Water Flow in Open Channels; Ground Water Hydraulics; Hydraulic Structures; Water Measurements; Hydraulic Similitude and Model Studies; Hydrology for Design; Graphical Flow Nets: Electric Analog and Numerical Analysis; Solution Charts (Nomographs); Symbols. MARKET: A very useful reference for practicing engineers who want to review basic principles and their applications in hydraulic engineering systems.

I already submitted a review. Very poor...corners bent and ragged, faded cover, and pages almost detached.

Gives one example per section and is the simplest example to give. Does not provide enough background and explanation for the material.

There were a lot of writing in it so it was not as neat as I would prefer. But I was able to use it with no problems.

The book smells pretty bad I get running nose every time I open the book

This book is well written and takes you back a step or two had you forgotten the basic principles of fluid mechanics or open channel flow. The example problems are very helpful and the small book size makes it nice to carry around. Quite pricey but a great reference to have around for most hydraulic applications.

Nice book!

Not very "user friendly," i.e. if you're teaching yourself Hydraulics. The examples are few, the colors are only in black and white (hard to interpret; not intuitive), and explanations are dry and make few references to real-life/professional applications. Best used only as a supplement to a course.

The product received was in good conditions as described before to purchase it. I am happy with my book, thank you

[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 (4th Edition) Fundamentals of Hydraulic Engineering Systems (5th Edition) Fundamentals of Hydraulic Engineering Systems Nuclear Systems Volume I: Thermal Hydraulic Fundamentals, Second Edition Hydrology and Hydraulic Systems, Fourth Edition Systems Engineering and Analysis (5th Edition) (Prentice Hall International Series in Industrial & Systems Engineering) Fundamentals Of Information Systems Security (Information Systems Security & Assurance) - Standalone book (Jones & Bartlett Learning Information Systems Security & Assurance) G.Dieter's Li.Schmidt's Engineering 4th (Fourth) edition(Engineering Design (Engineering Series) [Hardcover])(2008) 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) GIS Fundamentals: A First Text on Geographic Information Systems, 4th edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)