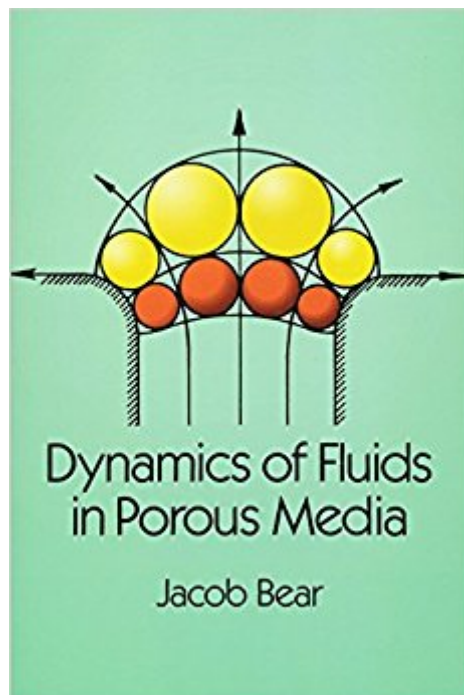




**Ebook Directory**  
the best source of ebook

The book was found

# Dynamics Of Fluids In Porous Media (Dover Civil And Mechanical Engineering)



## Synopsis

This classic work by one of the world's foremost hydrologists presents a topic encountered in the many fields of science and engineering where flow through porous media plays a fundamental role. It is the standard work in the field, designed primarily for advanced undergraduate and graduate students of ground water hydrology, soil mechanics, soil physics, drainage and irrigation engineering, and petroleum and chemical engineering. It is highly recommended as well for scientists and engineers already working in these fields. Throughout this generously illustrated, richly detailed study, which includes a valuable section of exercises and answers, the emphasis is on understanding the phenomena occurring in porous media and on their macroscopic description. The book's chapter titles reveal its comprehensive coverage: Introduction, Fluids and Porous Matrix Properties, Pressures and Piezometric Head, The Fundamental Fluid Transport Equations in Porous Media, The Equation of Motion of a Homogeneous Fluid, Continuity and Conservation Equations for a Homogeneous Fluid, Solving Boundary and Initial Value Problems, Unconfined Flow and the Dupuit Approximation, Flow of Immiscible Fluids, Hydrodynamic Dispersion, and Models and Analogs. "Systematic and comprehensive . . . a book that satisfies the highest standards of excellence. . . . Will undoubtedly become the standard reference in this field." â " R. Allen Freeze, IBM Thomas J. Watson Research Center, Water Resources Research.

## Book Information

Series: Dover Civil and Mechanical Engineering

Paperback: 800 pages

Publisher: Dover Publications; Trade Paperback Edition edition (September 1, 1988)

Language: English

ISBN-10: 0486656756

ISBN-13: 978-0486656755

Product Dimensions: 6.3 x 1.6 x 9.2 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars 15 customer reviews

Best Sellers Rank: #537,296 in Books (See Top 100 in Books) #37 inÂ Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental > Groundwater & Flood Control #553 inÂ Books > Textbooks > Engineering > Civil Engineering #975 inÂ Books > Textbooks > Engineering > Mechanical Engineering

## Customer Reviews

i purchased kindle version of this book. there are typos much more than i expected. and those equations in kindle are image files that cannot be zoomed.

Great book! A "fun," interesting read. This is a great reference.

Great book!

All very well, I received the books without problems and very soon too

good price and fast delivery

Good Reference book

An exceptional resource. Well written and thorough. Even includes mathematical techniques for solving classes of PDEs relating to porous flow.

The item came as advertised in the posting and within one week of the placement of the order.  
Great job and thanks!

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

Dynamics of Fluids in Porous Media (Dover Civil and Mechanical Engineering) Elasticity: Tensor, Dyadic, and Engineering Approaches (Dover Civil and Mechanical Engineering) Flow-Induced Vibrations: An Engineering Guide (Dover Civil and Mechanical Engineering) Shigley's Mechanical Engineering Design (McGraw-Hill Series in Mechanical Engineering) PE Mechanical Engineering: Thermal and Fluids Practice Exam Modal Testing, Theory, Practice, and Application (Mechanical Engineering Research Studies: Engineering Dynamics Series) Modeling Groundwater Flow and Pollution (Theory and Applications of Transport in Porous Media) Reactive Transport in Porous Media (Reviews in mineralogy) Code Check Plumbing & Mechanical 4th Edition: An Illustrated Guide to the Plumbing and Mechanical Codes (Code Check Plumbing & Mechanical: An Illustrated Guide) Social Media: Master Social Media Marketing - Facebook, Twitter, Youtube & Instagram (Social Media, Social Media Marketing, Facebook, Twitter, Youtube, Instagram, Pinterest) Mathematical Handbook for Scientists and Engineers: Definitions, Theorems, and Formulas for Reference and Review (Dover Civil and Mechanical Engineering) Structural Dynamics of Earthquake Engineering: Theory and Application Using Mathematica and Matlab (Woodhead

Publishing Series in Civil and Structural Engineering) The Finite Element Method: Linear Static and Dynamic Finite Element Analysis (Dover Civil and Mechanical Engineering) Groundwater and Seepage (Dover Civil and Mechanical Engineering) Dynamics of Structures (5th Edition) (Prentice-Hall International Series I Civil Engineering and Engineering Mechanics) Dynamics of Structures (4th Edition) (Prentice-Hall International Series in Civil Engineering and Engineering Mechanics) Dynamics of Structures (Prentice-Hall International Series in Civil Engineering and Engineering Mechanics) Analytical Fracture Mechanics (Dover Civil and Mechanical Engineering) Non-Linear Elastic Deformations (Dover Civil and Mechanical Engineering) Advanced Strength of Materials (Dover Civil and Mechanical Engineering)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)