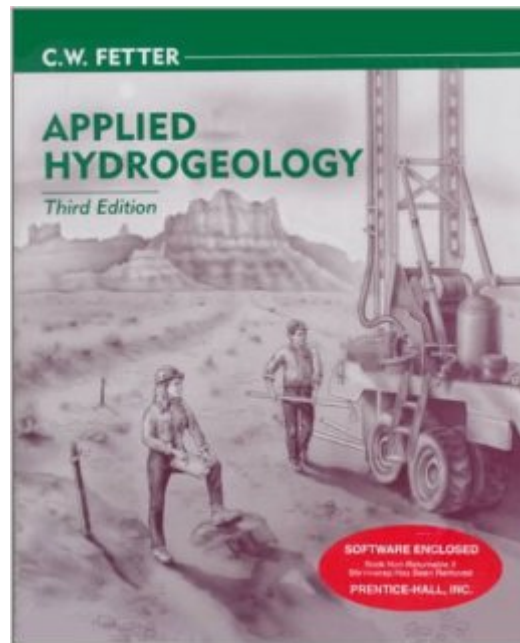The book was found

Applied Hydrogeology

Synopsis

This best selling book, Applied Hydrogeology gives readers a balanced examination of all facets of hydrogeology. It text stresses the application of mathematics to problem solving rather than derivation of theory. It provides a balance between physical and chemical hydrogeology. Numerous case studies cultivate reader understanding of the occurrence and movement of ground water in a variety of geologic settings.   This valuable reference includes five new case histories: The Dakota Aquifer, Fractures Sedimentary Rocksâ "Newark basin, Faults as Aquifer Boundaries, Desert Hydrologyâ "Azraq basin, Jordan. Uses the Internet to obtain hydrogeologic data and information. Includes well-developed case studies in most of the chapters. Contains tables covering various functions, unit conversions, and additional data for solving well hydraulics, water chemistry, and contaminant transport problems.   For readers interested in advanced hydrology, groundwater hydrology, hydrogeology, and civil engineering.

Book Information

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Average Customer Review: 4.1 out of 5 starsÂ Â See all reviewsÂ (47 customer reviews)

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Customer Reviews

I'm a lawyer with a background in physics, but none in hydrology. I got involved in water law and needed to understand what the hydrologists were saying. I was able to read this book and follow the development with little difficulty. I found that it addressed all the topics and used the same terminology and methodology that the hydrologists and modelers were using. It's hard to find references this useful and I recommend it highly.

I was very happy to use this text throughout my course on Hydrogeology. The verbage was succinct, the problems were applicable and well-complimented with the website for explanations, and the chapter reviews were impendious. At the end of each chapter, Fetter cocnluded with a detail of symbols; which I found to be a nice touch. Often an author uses a symbol once and expects the reader to always retain its significance, which is an unreal circumstance. The case studies were necessary to hammer home a concept! They were well-written and facilitated the goal of explaining a hydrogeological problem, and a solution.The typographical errors of the first edition were corrected in this edition.I recommend this text to all aspiring earth scientists.

I have the 3rd edition which I purchased in 1995 and although I enjoy the subject matter and use this book as a reference, I am still finding errors and making corrections to the textbook (typos in both text and problem sets). Someone should have paid closer attention to detail prior to submission to the publisher. I was going to get the 4th addition to add to my personal library, hoping there would be no errors. However, after a few minutes of research on the internet I found out that there are still errors in the 4th addition. However, the author does have a webpage with corrections posted. I wouldn't recommend this text to anyone unless they have time and are willing to go through the text to make the corrections. There are other texts in print covering the same subject matter with fewer or no errors.

All the basics are here in this book I used this as a companion to go with my class assigned book and ended up using it in my job as well. One of the software packages we were looking at uses examples directly out of the Fetter in their software so having this book helped me test the software which was an added bonus.

Very technical and empirical in its approach. I found it useful for the class and the FE review. It may or may not make it to the PE as a reference. We'll see. I am taking the Civil PE: Structural in April, will need Hydraulics for the morning part.

This was among the better of the required texts I needed in college. It is well organized and the examples are thorough and there are enough of them to answer questions. Two years after graduation I am noting, many of my colleagues have this book and feel the same way about it that I do .

The author does a decent job to explain many aspects of how to apply hydrogeology. Many equations are explained, and the example problems are really helpful. Odd problems at the end of the chapters have solutions at the back of the book, but it would be great if step-by-step solutions were shown.

I found this book the easiest to read, compared to a few other groundwater textbooks out there. It concentrates on the practical applications as opposed to formula derivations.

Applied Hydrogeology (4th Edition) Applied Hydrogeology Manual of Applied Field Hydrogeology Arc Hydro Groundwater: GIS for Hydrogeology Introduction to Hydrogeology Applied Cryptography: Protocols, Algorithms, and Source Code in C [APPLIED CRYPTOGRAPHY: PROTOCOLS, ALGORITHMS, AND SOURCE CODE IN C BY Schneier, Bruce (Author) Nov-01-1995 Elena Bablenis Haveles BS Pharm Pharm D's Applied Pharmacology 6th (Sixth) edition(Applied Pharmacology for the Dental Hygienist [Paperback])(2010) Applied Therapeutics: The Clinical Use of Drugs (APPLIED THERAPEUTICS (KODA-KIMBLE)) Applied Biopharmaceutics & Pharmacokinetics, Sixth Edition (Shargel, Applied Biopharmaceuticals & Pharmacokinetics) Elementary Stochastic Calculus With Finance in View (Advanced Series on Statistical Science & Applied Probability, Vol 6) (Advanced Series on Statistical Science and Applied Probability) Selected Unsolved Problems in Coding Theory (Applied and Numerical Harmonic Analysis) Applied Predictive Analytics: Principles and Techniques for the Professional Data Analyst Applied Software Architecture Applied Control Theory for Embedded Systems (Embedded Technology) Mathematical Control Theory: Deterministic Finite Dimensional Systems (Texts in Applied Mathematics) Nonlinear Systems: Analysis, Stability, and Control (Interdisciplinary Applied Mathematics) Applied Digital Signal Processing: Theory and Practice Digital Signal Processing with Examples in MATLABÂ®, Second Edition (Electrical Engineering & Applied Signal Processing Series) Applied Signal Processing: A MATLABTM-Based Proof of Concept (Signals and Communication Technology (Paperback)) Applied Data Communications: A Business-Oriented Approach