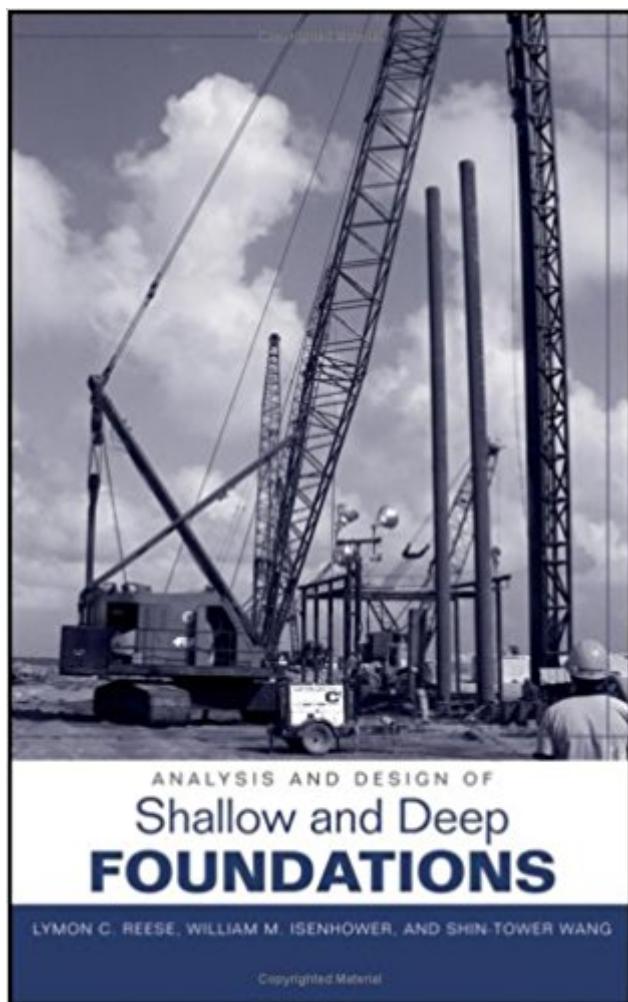


The book was found

Analysis And Design Of Shallow And Deep Foundations



Synopsis

One-of-a-kind coverage on the fundamentals of foundation analysis and design Analysis and Design of Shallow and Deep Foundations is a significant new resource to the engineering principles used in the analysis and design of both shallow and deep, load-bearing foundations for a variety of building and structural types. Its unique presentation focuses on new developments in computer-aided analysis and soil-structure interaction, including foundations as deformable bodies. Written by the world's leading foundation engineers, Analysis and Design of Shallow and Deep Foundations covers everything from soil investigations and loading analysis to major types of foundations and construction methods. It also features:

- * Coverage on computer-assisted analytical methods, balanced with standard methods such as site visits and the role of engineering geology
- * Methods for computing the capacity and settlement of both shallow and deep foundations
- * Field-testing methods and sample case studies, including projects where foundations have failed, supported with analyses of the failure
- * CD-ROM containing demonstration versions of analytical geotechnical software from Ensoft, Inc. tailored for use by students in the classroom

Book Information

Hardcover: 608 pages

Publisher: Wiley (November 25, 2005)

Language: English

ISBN-10: 0471431591

ISBN-13: 978-0471431596

Product Dimensions: 6.4 x 1.4 x 9.5 inches

Shipping Weight: 2.1 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 4 customer reviews

Best Sellers Rank: #179,741 in Books (See Top 100 in Books) #39 in Books > Science & Math > Agricultural Sciences > Soil Science #202 in Books > Textbooks > Engineering > Civil Engineering #1033 in Books > Engineering & Transportation > Engineering > Civil & Environmental

Customer Reviews

One-of-a-kind coverage on the fundamentals of foundation analysis and design Analysis and Design of Shallow and Deep Foundations is a significant new resource to the engineering principles used in the analysis and design of both shallow and deep, load-bearing foundations for a variety of building and structural types. Its unique presentation focuses on new developments in

computer-aided analysis and soil-structure interaction, including foundations as deformable bodies. Written by the world's leading foundation engineers, Analysis and Design of Shallow and Deep Foundations covers everything from soil investigations and loading analysis to major types of foundations and construction methods. It also features: Coverage on computer-assisted analytical methods, balanced with standard methods such as site visits and the role of engineering geology Methods for computing the capacity and settlement of both shallow and deep foundations Field-testing methods and sample case studies, including projects where foundations have failed, supported with analyses of the failure CD-ROM containing demonstration versions of analytical geotechnical software from Ensoft, Inc. tailored for use by students in the classroom

Lyman C. Reese is Nasser I. Al Rashid Chair Emeritus and Professor of Civil Engineering at the University of Texas, Austin. He's also a partner in the firm of Lyman C. Reese & Associates. He's the author of more than 150 technical papers and coauthor of several books, including Dynamics of Offshore Structures, Second Edition (published by Wiley). William M. Isenhower is a project manager for Lyman C. Reese & Associates. He is a codeveloper of the LPILE plus computer program and is a registered professional engineer in Texas. Shin-Tower Wang is President of Lyman C. Reese & Associates. He is the author or coauthor of more than thirty papers and publications on foundation engineering. He is a registered professional engineer in Texas.

All piling and foundation experience in one book. To solve daily problems for practising engineers.
Dont doubt!!

You may be able to find a lot of books on shallow foundations, but hard to find one on deep foundations. This is a great practical reference, and actually the only text book I have and use for deep foundations. However, I agree with the previous reviewer that it has errors, sometimes in the plus/minus signs in equations. That is very confusing and annoying, especially if you do not have another reference to cross-check. The material on group action of piles can be improved I think. Since Dr. Reese himself developed the LPILE software, its basis of analysis is described in detail, which is great because it is arguably universally used across the industry for lateral load analysis. Since good text on shallow foundations is available elsewhere, I wouldn't mind if it dealt exclusively with deep foundations and may be include more material on practical aspects of pile driving and construction of drilled piers. Overall, I find it very useful.

I have found this book to be useful for my foundations class. However, I have made a lot of corrections in calculations, axis labeling, and other minor but important information in the text. It seems that some editing needs to take place prior to the next edition of this text. The content is good but minor errors are scattered through the book.

Excellent easy to read and navigate textbook. Standard for foundation design work.

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

Analysis and Design of Shallow and Deep Foundations The Andy Cohen Diaries: A Deep Look at a Shallow Year Known: Finding Deep Friendships in a Shallow World DEEP HEALING SLEEP CD: Deep Relaxation, Guided Imagery Meditation and Affirmations Proven to Help Induce Deep, Restful Sleep Diving Deep: A Beginners Guide to Deep Sea Diving: (Scuba, Snorkelling, Diving, Scuba Diver, Deep Sea Diving, Swimming, Scuba Diving) Atlantic Reef Corals; A Handbook of the Common Reef and Shallow-Water Corals of Bermuda, the Bahamas, Florida, the West Indies, and Brazil Selfish, Shallow, and Self-absorbed: Sixteen Writers on the Decision Not to Have Kids Shallow Graves: The Hunt for the New Bedford Highway Serial Killer Introduction to Applied Geophysics: Exploring the Shallow Subsurface Graphic Design Success: Over 100 Tips for Beginners in Graphic Design: Graphic Design Basics for Beginners, Save Time and Jump Start Your Success (graphic ... graphic design beginner, design skills) Algorithm Design: Foundations, Analysis, and Internet Examples My Will or Thine: An Inspiring True Story About LDS Priesthood Blessings and Deep Questions Surrounding Beliefs (Understanding Mormon Church Doctrine and Deep Religion Questions of Mormonism Book 2) Thatâ ™s Pretty Freakin' Deep: A Collection of Erotic Poetry Books 1-3 By Chris Genovese (Just the Tip, Going Deeper, and Balls Deep) (The Erotic Poetry of Chris Genovese) Deep-Sea Anglerfish and Other Fearsome Fish (Creatures of the Deep) Introduction to Deep Learning Using R: A Step-by-Step Guide to Learning and Implementing Deep Learning Models Using R The Vast and Brutal Sea: A Vicious Deep novel (The Vicious Deep Book 3) The Vast and Brutal Sea: A Vicious Deep novel (The Vicious Deep) Accessing the Deep Web & Dark Web with Tor: How to Set Up Tor, Stay Anonymous Online, Avoid NSA Spying & Access the Deep Web & Dark Web Deep Calls unto Deep: Answering Questions about the Prophetic Raggedy Ann in the Deep Deep Woods: Classic Edition

[Contact Us](#)

[DMCA](#)

Privacy

FAQ & Help