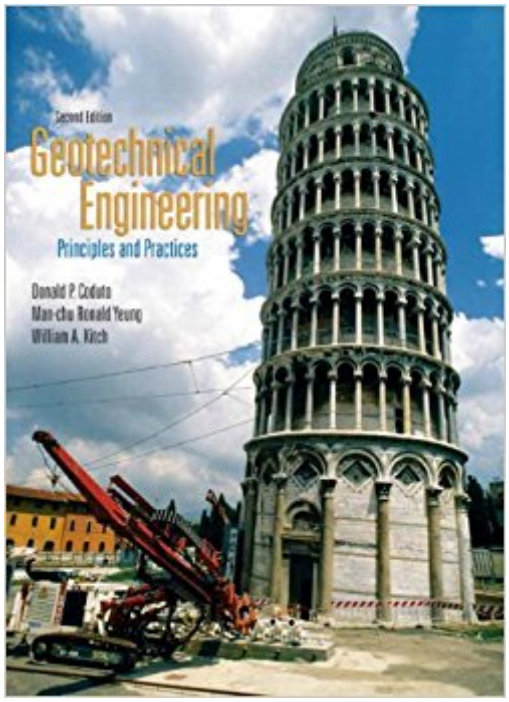
Geotechnical Engineering: Principles & Practices (2nd Edition)



Synopsis

Geotechnical Engineering: Principles and Practices, 2/e, is ideal or junior-level soil mechanics or introductory geotechnical engineering courses. Â This introductory geotechnical engineering textbook explores both the principles of soil mechanics and their application to engineering practice. It offers a rigorous, yet accessible and easy-to-read approach, as well as technical depth and an emphasis on understanding the physical basis for soil behavior. Â The second edition has been revised to include updated content and many new problems and exercises, as well as to reflect feedback from reviewers and the authorsâ ™ own experiences.

Book Information

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Customer Reviews

â œI like the balance between the analytical and empirical aspects of foundation engineering.Â The coverage of both geotechnical and structural engineering aspects of foundation is also appealing.â •Â -Dobroslav Znidarcic, UNIVERSITY OF COLORADO, BOULDER Â â œThe material is very current.Â The author stays on top of the profession and uses state-of-the-art information, techniques, and methods.â • -Roman D. Hryciw, UNIVERSITY OF MICHIGAN Â â œThe coverage of the book is excellent, and it is well-grounded in the fundamentals of soil mechanics.â • -Ed Kavazanjian, ARIZONA STATE UNIVERSITY Â â œThe book presents the practice side of foundation engineering in addition to the principles of design.Â Most textbooks present only the principles.â • -M. Sherif Aggour, UNIVERSITY OF MARYLAND Â â œInteresting and very useful features of this book are:Â 1.) the List of Vocabulary, 2.0 the Summary of Major Points at the end of each chapter, and 3.) the use of both English and SI unitsâ “this is particularly

important for empirical equations with built-in units.â • -Marte S. Gutierrez, VIRGINIA TECH

"Geotechnical Engineering: Principles and Practices, 2/e, " is ideal or junior-level soil mechanics or introductory geotechnical engineering courses. This introductory geotechnical engineering textbook explores both the principles of soil mechanics and their application to engineering practice. It offers a rigorous, yet accessible and easy-to-read approach, as well as technical depth and an emphasis on understanding the physical basis for soil behavior. The second edition has been revised to include updated content and many new problems and exercises, as well as to reflect feedback from reviewers and the authors' own experiences.

To be honest, I think this book deserves a lot more credit than what's being given on . Although I am not using this text content in practice yet, it does the job of introducing the student to everything they need to start foundation engineering. I don't see any other purpose except a purely scientific one in this manner. So, I'd recommend this textbook over other more detailed textbooks of mostly equivalent content.However, if one seeks a more Scientific understanding of the text content, I would reference Holtz text (1981) which is much cheaper, because that gives many more details about the supporting evidence for what you study. However, for specifically foundation engineering purposes, I recommend this text.Lastly, if you are one who seeks a text to use in practice or refresh, I wouldn't recommend this or the Holtz text. I would recommend just picking up a foundation engineering text, because for people in this group, CLEARLY you all already know the basics. This is meant for the "basics" of soil mechanics. Don't say the foundation engineering text is basic, because it simply builds on this text content.So, for those of you who are rating this book low, stop that and go ahead be the condescending prick your childish stanford phd ego wants to be and rate it low, because all you're doing it misleading the novices!

The author of this book (Coduto) was actually my professor when I took the Geotech 2 course. My review may come off as a bit biased, since having the author of the book as my professor helped me grasp the book material a lot quicker. His lectures were always very detailed and to the point, and the book provided great reference to do the homework problems he would assign. I personally do find this book pretty good and many of the example problems are representative of what you'll find in the homework problems.

Bought the international edition, but the problems at the end of the chapters aren't the same as the

American book. Good if you only need the words, but if your professor is going to assign problems from the book, then get the American version.

I was very surprised to see this for $20 when my bookstores were asking $160+. Exactly the same book, just a softback version.

Very helpful book for my geotechnical engineering class. Definitely recommend.

Good book. Had to get it for school. It was decent at explaining topics and giving adequate examples and explanations. It had plenty of practice problems that were very helpful. Definitely a good book for all you soil enthusiasts.

"Geotechnical Engineering" is a good read but I have yet to come across any useful example problems. This book is either for a novice/ enthusiast or expert who already knows how to perform all applicable calculations. For the student engineer who is learning the subject for the first time I would recommend something else.Summary:Pros: Interesting casual readCons: Grotesquely overpriced (this is a $60 book masquerading as a $180 book); concerning lack of sample calculationsReviewer:4th year CE student at UF

Not bad, but it was an Eastern Economy Edition, which isn’t a whole lot different. But the quality is good, not bad. For the price, can’t beat it.

Studies (Geotechnical, Geological and Earthquake Engineering) Geotechnical Earthquake Engineering Seismic Ground Response Analysis (Geotechnical, Geological and Earthquake Engineering) Numerical Methods in Geotechnical Engineering Forensic Geotechnical and Foundation Engineering Coupled Thermo-Hydro-Mechanical Processes of Fractured Media: Mathematical and Experimental Studies (Developments in Geotechnical Engineering) System Engineering Analysis, Design, and Development: Concepts, Principles, and Practices (Wiley Series in Systems Engineering and Management) Biomedical Engineering Principles Of The Bionic Man (Series on Bioengineering & Biomedical Engineering) (Bioengineering & Biomedical Engineering (Paperback)) Geotechnical Aspects of Landfill Design and Construction