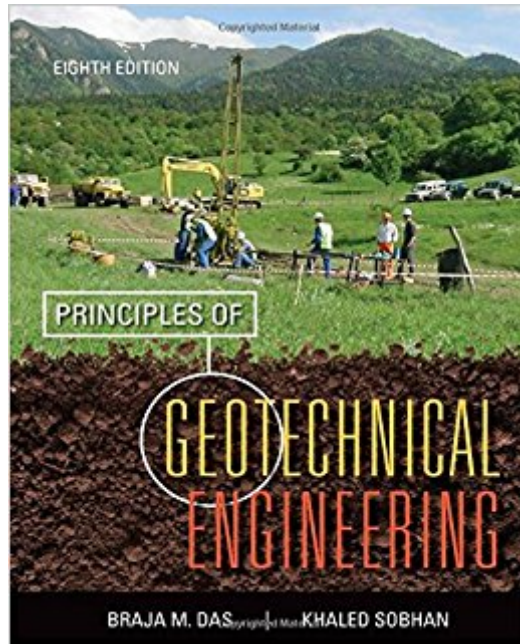




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# Principles Of Geotechnical Engineering



## Synopsis

Intended as an introductory text in soil mechanics, the eighth edition of Das, **PRINCIPLES OF GEOTECHNICAL ENGINEERING** offers an overview of soil properties and mechanics together with coverage of field practices and basic engineering procedure. Background information needed to support study in later design-oriented courses or in professional practice is provided through a wealth of comprehensive discussions, detailed explanations, and more figures and worked out problems than any other text in the market.

## Book Information

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## Customer Reviews

"The presentation of the book is excellent. I particularly like the fact that many of the example problems are presented in the practical context. This definitely helps engage the students and improve their understanding. This is based on my experience using this textbook and my students' feedback." "The presentation in the book is easy to follow. The book is written in a way that students can read and understand the presented concepts without difficulties. Illustrations in the book are very clear and have higher quality than those of other books. The problems at the end of each chapter cover all the concepts in that chapter. These problems are similar to those covered by the National Fundamental Engineering (FE) Exam. That is why students prefer to use this book for the preparation of the FE exam." "The book is well written, clearly and precisely, as compared with other soil mechanics books. Students could take a big advantage using this book for independent study."

Dr. Braja Das is Dean Emeritus of the College of Engineering and Computer Science at California

State University, Sacramento. He received his M.S. in Civil Engineering from the University of Iowa and his Ph.D. in Geotechnical Engineering from the University of Wisconsin. He is the author of a number of geotechnical engineering texts and reference books and more than 250 technical papers in the area of geotechnical engineering. His primary areas of research include shallow foundations, earth anchors, and geosynthetics. Dr. Das is a Fellow and Life Member of the American Society of Civil Engineers, Life Member of the American Society for Engineering Education, and an Emeritus Member of the Chemical and Mechanical Stabilization Committee of the Transportation Research Board of the National Research Council (Washington D.C.). He has received numerous awards for teaching excellence, including the AMOCO Foundation Award, the AT&T Award for Teaching Excellence from the American Society for Engineering Education, the Ralph Teetor Award from the Society of Automotive Engineers, and the Distinguished Achievement Award for Teaching Excellence from the University of Texas at El Paso. Dr. Khaled Sobhan is a Professor of Civil, Environmental and Geomatics Engineering at Florida Atlantic University. He received his M.S. degree from The Johns Hopkins University, and his Ph.D. from Northwestern University, both in the area of Geotechnical Engineering. His primary research areas include ground improvement, geotechnology of soft soils, experimental soil mechanics, and geotechnical aspects of pavement engineering. Dr. Sobhan served as the Chair of the Chemical and Mechanical Stabilization committee (AFS90) of the Transportation Research Board (2005-2011), and co-authored the TRB Circular titled Evaluation of Chemical Stabilizers: State-of-the-Practice Report (EC086). He is currently serving as an Associate Editor of ASCE Journal of Materials in Civil Engineering, and on the editorial boards of the ASTM Geotechnical Testing Journal, Geotechnical and Geological Engineering (Springer, The Netherlands), and International Journal of Geotechnical Engineering. Dr. Sobhan is a recipient of the distinguished Award for Excellence and Innovation in Undergraduate Teaching (2006), and the Excellence in Graduate Mentoring Award (2009) from Florida Atlantic University. He has authored/co-authored more than 100 technical articles and reports in the area of geotechnical engineering.

As mentioned in the description, this book appears to have exactly the same content as the non-international version. Even the end-of-chapter problems appear to be identical with the same units and everything. The only thing that appears to be different is that the book is in black-in-white instead of the multi-tone blue highlights throughout the regular version. With that being the only change, I am more than happy to use an international version copy for a fraction of the price. Sorry I have no comments on the content. It is a required book for a class...I hope it will be usable.

I've nearly gone through the entire book and it's fairly easy to understand. There are good examples which really help you understand the topic and to complete the chapter problems. However, compared to previous editions, this book hasn't changed much. Most of the chapters are the same and have only been organized differently. Some of the problems have changed but they are nearly the same. That being said, I'm only knocking off 1 star because nowadays that's what all book manufacturers do. This is a decent book to learn the principles of geotechnical engineering (as the title says) and should be for years to come.

Got for a class

As advertised. Excellent quality. I loaned this book to a fellow student and she then loaned it to another friend and I never got it back. I guess I didn't need it as bad anymore so I never pursued the issue. And I'm not sure why I'm telling all of you reading this review. :-)

A classic on the subject. Well laid out. Good examples. I like it better than the Holtz/Kovacs/Sheahan book.

It's an excellent book for engineers' use as recommended by a prof teaching the course. There are also newer versions of this textbook, but I am very happy to have this 4th edition. In addition, there is "Geotechnical Engg-A practical Problem Solving Approach" book that I recommend (ISBN-1-60427-016-7) that supports the textbook with good problem solving engineering examples. It should be also in your library if you deal with soil mechanics and designs.

seems to cover the topics alright, tons of equations though. it's readable, which is an important reason why it's a good text. could use a few improvements, but all in all it conveys the message well

This book was very effective for my undergraduate soil mechanic and geotech courses.

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