

1. Record Nr.	UNINA9911006805503321
Autore	Sivakugan N (Nagaratnam), <1956->
Titolo	Geotechnical engineering : a practical problem solving approach / / by Nagaratnam Sivakugan and Braja M. Das
Pubbl/distr/stampa	Ft. Lauderdale, Fla., : J. Ross Pub., c2010
ISBN	1-68015-162-2 1-60427-679-7
Descrizione fisica	1 online resource (801 p.)
Altri autori (Persone)	DasBraja M. <1941->
Disciplina	624.1/5136
Soggetti	Soil mechanics Foundations Earthwork
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Phase relations -- Soil classification -- Compaction -- Effective stress, total stress, and pore water pressure -- Permeability and seepage -- Vertical stresses beneath loaded areas -- Consolidation -- Shear strength -- Lateral earth pressures -- Site investigation -- Shallow foundations -- Deep foundations -- Earth retaining structures -- Slope stability -- Vibrations of foundations.
Sommario/riassunto	Geotechnical Engineering: A Practical Problem Solving Approach covers all of the major geotechnical topics in the simplest possible way adopting a hands-on approach with a very strong practical bias. You will learn the material through worked examples that are representative of realistic field situations whereby geotechnical engineering principles are applied to solve real-life problems. There are a few carefully selected review exercises at the end of each chapter with answers given whenever possible. Also included are closed-book quizzes that should be completed within the specified times and will make you think and point you to what you have missed.