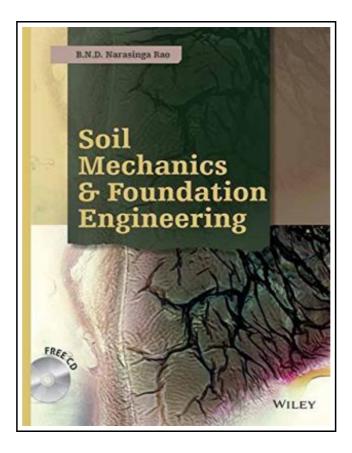
Soil Mechanics and Foundation Engineering



Filesize: 7.76 MB

Reviews

This book is definitely worth purchasing. Indeed, it is actually perform, continue to an interesting and amazing literature. You may like how the blogger compose this publication.

(Gust Mayert V)

SOIL MECHANICS AND FOUNDATION ENGINEERING



Wiley India Pvt. Ltd, 2015. Softcover. Book Condition: New. First edition. 21 x 27 cm. Soil Mechanics and Foundation Engineering has seen unprecedented growth over the last few decades both in terms of knowledge and practice as well as in its significance in civil engineering profession. Over 1300 numerical and objective questions with solutions have been included in the book. Questions from competitive exams such as GATE, IES, IAS, IFS, etc., involve some of the subtle and fine concepts of the subject and their practical application, which cannot be gained by simple reading of the subject. Keeping this in view, about 600 questions from these examinations from a long span of over 25 years (1987 onwards) have been solved in the book. Table of Contents 1: Introduction 1.1 Introduction 1.2 Definitions 1.3 History of Soil Mechanics 1.4 Applications of Soil Mechanics 1.5 Professional Activities in Geotechnical Engineering 2: Origin and Formation of Soils 2.1 Introduction 2.2 Soil Formation 2.3 Weathering 2.4 Erosion 2.5 Factors Influencing Weathering and Soil Formation 2.6 Residual Soils 2.7 Transported Soils 2.8 Types of Soil Profile 2.9 Soil Horizons 2.10 Soil Deposits of India 3: Soil Mineralogy and Structure 3.1 Introduction 3.2 General Types of Soils Based on Particle Size 3.3 Soil Mineralogy 3.4 Primary and Secondary Minerals 3.5 Bonding in Soils 3.6 Mineralogy of Fine-Grained Soils 3.7 Kaolinite 3.8 Montmorillonite 3.9 Illite 3.10 Chlorite 3.11 Vermiculite 3.12 Isomorphous Substitution 3.13 Properties of Clay Minerals 3.14 Identification of Clay Minerals 3.15 Soil Structure and Soil Fabric 3.16 Mineralogy of Cohesionless Soils 4: Physical Properties of Soils 4.1 Introduction 4.2 Three-Phase System of Soil 4.3 Phase Diagram of Soil 4.4 Physical Properties of Soils 4.5 Functional Relationships between Physical Properties 4.6 Physical Properties in Terms of Mass 4.7 Functional Relationships of Physical Properties...



Read Soil Mechanics and Foundation Engineering Online



Other PDFs



Next 25 Years, The: The New Supreme Court and What It Means for Americans

SEVEN STORIES PRESS, 2008. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving your...

Read Book »



Plants vs Zombies Game Book - Play stickers 1 (a puzzle game that swept the world. the most played together(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: Unknown in Publisher: China Children Press List Price: 13.00 yuan Author:...

Read Book »



TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2) (Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Read Book »



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Read Book »



DK Readers Invaders From Outer Space Level 3 Reading Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.9in. x 5.9in. x 0.1in.Are aliens from other planets visiting Earth Read these amazing stories of alien encounters -- and make up your own mind!...

Read Book »