detailed discussion of standard soil classification systems used by engineers: the AASHTO Classification System and the ... which both conform to recent ASTM specifications. To improve ease and accessibility of use, this new edition includes
drought-resistant earth buildings. Finally, part five of Modern earth buildings explores the application of ... international case studies. With its distinguished editors and international team of expert contributors, Modern earth
and aesthetically pleasing finishes achieved in modern earth construction, it is now one of the leading choices for ... earth buildings provides an essential exploration of the materials and techniques key to the design, development and
location. In addition there is exploration of technological advances, including handheld digital recording devices, the ... mixing desks and current methods of music storage and playback. Within a global context, the sixth edition also explores
Production is for professionals and students interested in understanding the radio industry in today's ever-changing ... coverage of the purpose and use of radio with detailed coverage of current production techniques in the studio and on
example cases regarding eccentric and inclined loading, the use of stone columns, settlement computations, and more. Example cases
railroad beds.Following the popularity of the previous edition, Shallow Foundations: Bearing Capacity and Settlement, ... latest developments and approaches to shallow foundation engineering. In response to the high demand, it provides updated
structures. The Handbook also covers soil dynamics and foundation vibration to analyze the behavior of foundations subjected to cyclic vertical, sliding and rocking excitations and topics addressed in some detail include: environmental geotechnology and foundations for
it has been proven that this will result in irreversible and potentially catastrophic changes. These changes in climate ... increased by 0.76 °C with respect to preindustrial levels, according to the Intergovernmental Panel on Climate Change ... European Union considers it vital to prevent global warming from exceeding 2 °C with respect to pre-industrial levels, as
companion website at www.routledge.com/textbooks/hoyeIn recent years, the interest of the scientific community towards ... increased. One of the reasons is certainly related to the change in the temperature of the planet, which has
organizational culture organizational structures human resource management leadership governance financial management ... management. This book provides a comprehensive introduction to the practical application of management principles within
and intelligent transport systems.Now available in a fully revised and updated third edition, Sport Management: ... nature of the sport industry and the role of the state, non-profit and professional sectors in sport. It focuses on core
Delft, The Netherlands, 18-20 June 2014). It is the eighth in a series of conferences organised by the European Regional ... chapters a foreword by Michael J Baker, Professor Emeritus of Marketing, Strathclyde University.Numerical Methods in ... contains the proceedings of the 8th European Conference on Numerical Methods in Geotechnical Engineering (NUMGE 2014,
into uncharted technological territory, this much needed new edition seeks to highlight the role of the marketer in this rapidly changing landscape. The new edition is thoroughly updated and offers a radical reworking and reorganisation of the previous edition, suffusing the
book with references to online/digital marketing. The book maintains the accessible and supportive style of previous editions but also now offers: a number of new case studies detailed coverage of individual market segments checklists and summaries of key points new changes...
range of tests and the appendices filled with essential data, makes it an essential addition to an civil engineering library. FUNDAMENTALS OF GEOTECHNICAL ENGINEERING, 5E offers a powerful combination of essential components from Braja Das’ market-leading books: PRINCIPLES OF GEOTECHNICAL ENGINEERING and PRINCIPLES OF FOUNDATION ENGINEERING in one cohesive book. This unique, concise geotechnical engineering book focuses on the fundamental concepts of both soil mechanics and foundation engineering without the distraction of excessive details or cumbersome alternatives. A wealth of worked-out, step-by-step examples and valuable figures help readers master key concepts and strengthen essential problem solving skills. Prestigious authors Das and Sivakugan maintain the careful balance of today’s most current research and practical field applications in a proven approach that has made Das’ books leaders in the field. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Originally published in the fall of 1983, Braja M. Das’ Seventh Edition of PRINCIPLES OF FOUNDATION ENGINEERING continues to maintain the careful balance of current research and practical field applications that has made it the leading text in foundation engineering courses. Featuring a wealth of worked-out examples and figures that help students with theory and problem-solving skills, the book introduces civil engineering students to the fundamental concepts and application of foundation analysis design. Throughout, Das emphasizes the judgment needed to properly apply the theories and analysis to the evaluation of soils and foundation design as well as the need for field experience. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. This international handbook is essential for geotechnical engineers and engineering geologists responsible for designing and constructing piled foundations. It explains general principles and practice and details current types of pile, piling equipment and methods. It includes calculations of the resistance of piles to compressive loads, pile group 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. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. A generation of construction-management students has learned from the easy-to-follow, understandable material in Soils in Construction. By keeping math simple and emphasizing construction operations and applications over engineering theory, the authors have created an ideal resource for non-technical, management-focused courses. Students interested in the field applications of soils will gain the knowledge they need to interact confidently with geotechnical engineers in their careers. The book’s extensive discussion of soil materials in the first five chapters is supplemented by an appendix describing testing methods that can easily be adapted to the hands-on component of a course. The remaining seven chapters cover the role that soil materials play in various aspects of construction contracting. Every chapter ends with problems presenting students with the kinds of scenarios they’ll face in the field. Publisher Description