Design Shallow Foundation Using Jkr Probe

Analysis and Design of Shallow and Deep Foundations
Proceedings of AICCE'19
Spaceborne Antennas for Planetary Exploration
Fixed Broadband Wireless System Design
Specification for Ground Investigation
Principles of Foundation Engineering
Proceedings of the first conference of the Road Engineering Assocation of Asia and Australia, Bangkok, February 16-20, 1976
Compound Semiconductor Device Physics
Foundation Engineering
Proof Rolling of Foundation Soil and Prepared Subgrade During Construction
Frontiers in Offshore Geotechnics II
Polymer Morphology
The Dark Fantastic
Silver Bullets

Geotechnical Engineering Handbook
Dredged Material as a Resource
Soil Engineering
Thermal Storage of Solar Energy
Mathematical Models for Speech Technology
Nanotribology
Roadmap on Photonic Crystals
Foundations & Earth Structures
Integrated Soil Fertility Management in Africa
Proceedings of the Fourth Southeast Asian Conference on Soil Engineering, Kuala Lumpur, 7th to 10th April 1975
SPSS 6.1 Guide to Data Analysis
Road Engineering for Development
Debris Flow
Foundation Design
Modernity, Nation and Urban-Architectural Form
Foundation Design: Principles and Practices
The Demon's Covenant
Plaxis
Moon

Foundations of Antenna Engineering: A Unified Approach for Line-of-Sight and Multipath
Principles of Modern Radar
Contact, Adhesion and Rupture of Elastic Solids
A History of Malaysian Architecture
Advanced Foundation Engineering
ICE Specification for Piling and Embedded Retaining Walls
AASHTO Guide for Design of Pavement Structures, 1993

ZAVIER HASSAN

Analysis and Design of Shallow and Deep Foundations Thomas Telford
Frontiers in Offshore Geotechnics II comprises the Proceedings of the Second International Symposium on Frontiers in Offshore Geotechnics (ISFOG), organised by the Centre for Offshore Foundation Systems (COFS) and held at the University of Western Australia (UWA), Perth from 8 10 November 2010. The volume addresses current and emerging challenges
Proceedings of AICCE'19 John Wiley & Sons
Nanotribology: Critical Assessment and Research Needs is an excellent reference for both academic and industrial researchers working in the

fields of nanotechnology, tribology, mechanical engineering, materials science and engineering, MEMS, NEMS, magnetic recording, and biomedical devices. It will also be of interest to those pursuing scanning probe microscopy, nanoimaging, mesomanufacturing, sensors, actuators, aerospace, defense (controllers, microsystems), and military systems. Nanotribology: Critical Assessment and Research Needs provides a critical assessment of the current state of the art of nanotribology within the context of MEMS, mesomanufacturing, nanotechnology and microsystems. It contains chapters written by the leading experts in these fields. It identifies gaps in current knowledge and barriers to applications, and recommends research areas that need to be addressed to enable the rapid development of technologies.

Spaceborne Antennas for Planetary Exploration J. Ross Publishing

Residual soils are found in many parts of the world. Like other soils, they are used extensively in construction, being built upon and used as construction materials. Residual soils are formed when the processes of rock weathering proceed at a faster rate than the transport processes by water, gravity and wind, whereby much of the resulting soils will remain in place. The soil typically retains many of the characteristics of the parent rock. In a tropical region, residual soil layers can be very thick, sometimes extending for hundred of meters before reaching unweathered rock. This book

has gathered state-of-the-art knowledge from a number of experienced experts working in foundation engineering in tropical residual soils. Subjects covered are: geology and formation of residual soils, site investigations, characterization and selection of parameters for foundation design, design of shallow and deep foundations which include driven piles, drilled shafts and caissons, and special topics which include design of piles in marginally-stable river banks, micro piles, Augeo pile, pile load and NDT, foundation failures and remedial works, and pile supported embankment. The book also includes a country case study on engineering geology in relation to foundation engineering in Malaysia.

Fixed Broadband Wireless System Design Springer Science & Business Media

Proceedings of the International TNO-Symposium held in Amsterdam, The Netherlands, 5-6 November 1980 by the Netherlands Organization for Applied Scientific Research

Specification for Ground Investigation Springer Science & Business Media

Using a design-oriented approach that addresses geotechnical, structural, and construction aspects of foundation engineering, this book explores practical methods of designing structural foundations, while emphasizing and explaining how and why foundations behave the way they do. It explains the theories and experimental data behind the design procedures, and how to apply this information to real-world problems.

Covers general principles (performance requirements, soil mechanics, site exploration and characterization); shallow foundations (bearing capacity, settlement, spread footings -- geotechnical design, spread footings -- structural design, mats); deep foundations (axial load capacity -- full-scale load tests, static methods, dynamic methods; lateral load capacity; structural design); special topics (foundations on weak and compressible soils, foundation on expansive soils, foundations on collapsible soils); and earth retaining structures (lateral earth pressures, cantilever retaining walls, sheet pile walls, soldier pile walls, internally stabilized earth retaining structures). For geotechnical engineers, soils engineers, structural engineers, and foundation engineers.

Principles of Foundation Engineering NYU Press

The SPSS Guide to Data Analysis is a clear, practical, systematic presentation of basic statistical techniques. This easy-to-follow book provides a comprehensive overview of the entire research process from question formulations through sampling, data collection and data analysis. In clear, descriptive language, this book explains how to design research for computer analysis, get data into the computer and perform simple analyses. Actual survey data sets are used to explain these fundamental concepts. The data sets are available on diskette, and a corresponding instructor's manual is also available.

Proceedings of the first conference of

the Road Engineering Assocation of Asia and Australia, Bangkok, February 16-20, 1976 Springer Nature
This is the first textbook that contains a holistic treatment of antennas both for traditional antennas mounted on masts (Line-of-Sight antenna systems) and for small antennas used on modern wireless devices such as smart phones being subject to signal variations (fading) due to multipath propagation. The focus is on characterization, as well as describing classical antennas by modern complex vector theory - thereby linking together many disciplines such as electromagnetic theory, classical antenna theory, wave propagation, and antenna system performance. Overall, this book represents a rethinking of the way basic antenna theory is presented. The book contains many references to important old and new papers and books on the analysis and design of the most useful antenna types, for the most interested readers.
Compound Semiconductor Device Physics PIANC
This is the 2nd edition of one of the most comprehensive accounts of debris flow, describing both theoretical and applied aspects. In the first part, the fundamental mechanical characteristics are discussed, including flow characteristics, type classification, mechanics, occurrence and development, fully developed flow, and deposition processes. Th
Foundation Engineering John Wiley & Sons
This book gathers the latest research,

innovations, and applications in the field of civil engineering, as presented by leading national and international academics, researchers, engineers, and postgraduate students at the AWAM International Conference on Civil Engineering 2019 (AICCE'19), held in Penang, Malaysia on August 21-22, 2019. The book covers highly diverse topics in the main fields of civil engineering, including structural and earthquake engineering, environmental engineering, geotechnical engineering, highway and transportation engineering, water resources engineering, and geomatic and construction management. In line with the conference theme, "Transforming the Nation for a Sustainable Tomorrow", which relates to the United Nations' 17 Global Goals for Sustainable Development, it highlights important elements in the planning and development stages to establish design standards beneficial to the environment and its surroundings. The contributions introduce numerous exciting ideas that spur novel research directions and foster multidisciplinary collaborations between various specialists in the field of civil engineering.

Proof Rolling of Foundation Soil and Prepared Subgrade During Construction

SciTech Publishing

Principles of Modern Radar: Basic Principles is a comprehensive text for courses in radar systems and technology, a professional training textbook for formal in-house courses and for new hires; a reference for ongoing study following a radar short course and

a self-study and professional reference book.

Frontiers in Offshore Geotechnics II Simon and Schuster

This edition retains the three-part approach of the second edition. Part A is an introduction to the essential concepts necessary to procure a piling or retaining wall contract. Part B is the specification and is still the only part of this document intended for incorporation in contracts. Part C provides guidance for use of the specification and essential background information for specifiers and contractors alike. Unlike the second edition, Part 3 guidance notes immediately follow the relevant Part 2 specification requirements. The three sections provide the reader with a full compendium without being overly prescriptive.

Polymer Morphology John Wiley & Sons

Developing countries in the tropics have different natural conditions and different institutional and financial situations to industrialized countries. However, most textbooks on highway engineering are based on experience from industrialized countries with temperate climates, and deal only with specific problems. Road Engineering for Development (published as Highway and Traffic Engineering in Developing Countries in its first edition) provides a comprehensive description of the planning, design, construction and maintenance of roads in developing countries. It covers a wide range of technical and non-technical problems that may confront road engineers working in this area. The technical

content of the book has been fully updated and current development issues are focused on. Designed as a fundamental text for civil engineering students this book also offers a broad, practical view of the subject for practising engineers. It has been written with the assistance of a number of world-renowned specialist professional engineers with many years experience in Africa, the Middle East, Asia and Central America.

The Dark Fantastic CRC Press

JPL spacecraft antennas-from the first Explorer satellite in 1958 to current R & D Spaceborne Antennas for Planetary Exploration covers the development of Jet Propulsion Laboratory (JPL) spacecraft antennas, beginning with the first Explorer satellite in 1958 through current research and development activities aimed at future missions. Readers follow the evolution of all the new designs and technological innovations that were developed to meet the growing demands of deep space exploration. The book focuses on the radio frequency design and performance of antennas, but covers environmental and mechanical considerations as well. There is additionally a thorough treatment of all the analytical and measurement techniques used in design and performance assessment. Each chapter is written by one or more leading experts in the field of antenna technology. The presentation of the history and technology of spaceborne antennas is aided by several features: * Photographs and drawings of JPL

spacecraft * Illustrations to help readers visualize concepts and designs * Tables highlighting and comparing the performance of the antennas * Bibliographies at the end of each chapter leading to a variety of primary and secondary source material This book complements Large Antennas of the Deep Space Network (Wiley 2002), which surveys the ground antennas covered in support of spacecraft. Together, these two books completely cover all JPL antenna technology, in keeping with the JPL Deep Space Communications and Navigation Series mission to capture and present the many innovations in deep space telecommunications over the past decades. This book is a fascinating and informative read for all individuals working in or interested in deep space telecommunications.

Silver Bullets CRC Press

Offers a guide to initiative problems, adventure games and trust activities. The activities of this book have all been used effectively by a variety of teachers, counsellors, therapists, camp directors and church leaders. All have wanted an effective, engaging way to bring people together to build trust, and to break down artificial barriers.

Geotechnical Engineering Handbook Geotechnical Engineering

Winner, 2022 Children's Literature Association Book Award, given by the Children's Literature Association Winner, 2020 World Fantasy Awards Winner, 2020 British Fantasy Awards, Nonfiction Finalist, Creative Nonfiction IGNYTE Award, given by FIYACON for BIPOC+ in

Speculative Fiction Reveals the diversity crisis in children's and young adult media as not only a lack of representation, but a lack of imagination Stories provide portals into other worlds, both real and imagined. The promise of escape draws people from all backgrounds to speculative fiction, but when people of color seek passageways into the fantastic, the doors are often barred. This problem lies not only with children’s publishing, but also with the television and film executives tasked with adapting these stories into a visual world. When characters of color do appear, they are often marginalized or subjected to violence, reinforcing for audiences that not all lives matter. The Dark Fantastic is an engaging and provocative exploration of race in popular youth and young adult speculative fiction. Grounded in her experiences as YA novelist, fanfiction writer, and scholar of education, Thomas considers four black girl protagonists from some of the most popular stories of the early 21st century: Bonnie Bennett from the CW’s The Vampire Diaries, Rue from Suzanne Collins’s The Hunger Games, Gwen from the BBC’s Merlin, and Angelina Johnson from J.K. Rowling’s Harry Potter. Analyzing their narratives and audience reactions to them reveals how these characters mirror the violence against black and brown people in our own world. In response, Thomas uncovers and builds upon a tradition of fantasy and radical imagination in Black feminism and Afrofuturism to reveal new possibilities. Through fanfiction and

other modes of counter-storytelling, young people of color have reinvisioned fantastic worlds that reflect their own experiences, their own lives. As Thomas powerfully asserts, “we dark girls deserve more, because we are more.”
Dredged Material as a Resource John Wiley & Sons
Forward. A call for integrated soil fertility management in Africa. Introduction. ISFM and the African farmer. Part I. The principles of ISFM: ISFM as a strategic goal, Fertilizer management within ISFM, Agro-minerals in ISFM, Organic resource management, ISFM, soil biota and soil health. Part II. ISFM practices: ISFM products and fields practices, ISFM practice in drylands, ISFM practice in savannas and woodlands, ISFM practice in the humid forest zone, Conservation Agriculture. Part III. The process of implementing ISFM: soil fertility diagnosis, soil fertility management advice, Dissemination of ISFM technologies, Designing an ISFM adoption project, ISFM at farm and landscape scales. Part IV. The social dimensions of ISFM: The role of ISFM in gender empowerment, ISFM and household nutrition, Capacity building in ISFM, ISFM in the policy arena, Marketing support for ISFM, Advancing ISFM in Africa. Appendices: Mineral nutrient contents of some common organic resources.
Soil Engineering CRC Press
Fixed broadband networks can provide far higher data rates and capacity than the currently envisioned 3G and 4G mobile cellular systems. Achieving

higher data rates is due to the unique technical properties of fixed systems, in particular, the use of high gain and adaptive antennas, wide frequency bands, dynamic data rate and channel resource allocation, and advanced multiple access techniques. Fixed Broadband Wireless System Design is a comprehensive presentation of the engineering principles, advanced engineering techniques, and practical design methods for planning and deploying fixed wireless systems, including: Point-to-point LOS and NLOS network design Point-to-point microwave link design including active and passive repeaters Consecutive point and mesh network planning Advanced empirical and physical propagation modeling including ray-tracing Detailed microwave fading models for multipath and rain NLOS (indoor and outdoor) propagation and fading models Propagation environment models including terrain, morphology, buildings, and atmospheric effects Novel mixed application packet traffic modeling for dimensioning network capacity Narrow beam, wide beam, and adaptive (smart) antennas MIMO systems and space-time coding Channel planning including fixed and dynamic channel assignment and dynamic packet assignment IEEE 802.11b and 802.11a (WLAN) system design Free space optic (FSO) link design At present, there are no titles available that provide such a concise presentation of the wide variety of systems, frequency bands, multiple access techniques, and other factors that

distinguish fixed wireless systems from mobile wireless systems. Fixed Broadband Wireless System Design is essential reading for design, system and RF engineers involved in the design and deployment of fixed broadband wireless systems, fixed wireless equipment vendors, and academics and postgraduate students in the field.

Thermal Storage of Solar Energy CIAT

This book, based on the analogy between contact mechanics and fracture mechanics proposed by the author twenty years ago, starts with a treatment of the surface energy and tension of solids and surface thermodynamics. The essential concepts of fracture mechanics are presented with emphasis on the thermodynamic aspects. Readers will find complete analytical results and detailed calculations for cracks submitted to pressure distributions and the Dugdale model. Contact mechanics and the contact and adherence of rough solids are also covered.

Mathematical Models for Speech Technology Springer

The Earth has limited material and energy resources. Further development of the humanity will require going beyond our planet for mining and use of extraterrestrial mineral resources and search of power sources. The exploitation of the natural resources of the Moon is a first natural step on this direction. Lunar materials may contribute to the betterment of conditions of people on Earth but they also may be used to establish

permanent settlements on the Moon. This will allow developing new technologies, systems and flight operation techniques to continue space exploration. In fact, a new branch of human civilization could be established permanently on Moon in the next century. But, meantime, an inventory and proper social assessment of Moon's prospective energy and material resources is required. This book investigates the possibilities and limitations of various systems supplying manned bases on Moon with energy and other vital resources. The book collects together recent proposals and innovative options and solutions. It is a useful source of condensed information for specialists involved in current and impending Moon-related activities and a good starting point for young researchers.

Nanotribology AASHTO

In the last forty years, at least fifty books have been written on the subject of soil mechanics, most of them textbooks. Only a few touch on practical applications. Soil Engineering: Testing, Design, and Remediation supplies the information needed to fill the gap between textbook learning and practical know-how. When engineers deal with major p

• Lord Of The Flies
• Demon Copperhead: A Pulitzer Prize Winner
• Haunting Adeline (cat And Mouse Duet)
• If He Had Been With Me
• Never Never: A Romantic Suspense Novel Of Love And Fate By Colleen Hoover
• A Court Of Mist And Fury (a Court Of Thorns And Roses, 2)
• If Animals Kissed Good Night By Ann Whitford Paul
• Twisted Love (twisted, 1) By Ana Huang
• I Love You Like No Otter: A Funny And Sweet Board Book For Babies And Toddlers (punderland) By Rose Rossner