

Manual De Civil 3d 2014

Equal Employment Opportunity Compliance Guide, 2017 Edition is the comprehensive and easy-to-use guide that examines all the major administrative and judicial decisions, interpretive memoranda, and other publications of the EEOC, providing complete compliance advice that is easy to follow - as well as the full text of the most important EEOC publications - and more - on CD-ROM. This one-stop -EEO solution- delivers completely current coverage of compliance developments related to: Harassment - Including thorough coverage of the employer's prevention responsibilities Disability - Fully comply with all requirements including the accommodation of work schedules Religious discrimination - Keep current with the most recent developments, including -reverse- religious discrimination Gender-identity discrimination - Avoid high profile and potentially costly mistakes

The 27th EG-ICE International Workshop 2020 brings together international experts working at the interface between advanced computing and modern engineering challenges. Many engineering tasks require open-world resolutions to support multi-actor collaboration, coping with approximate models, providing effective engineer-computer interaction, search in multi-dimensional solution spaces, accommodating uncertainty, including specialist domain knowledge, performing sensor-data interpretation and dealing with incomplete knowledge. While results from computer science provide much initial support for resolution, adaptation is unavoidable and most importantly, feedback from addressing engineering challenges drives fundamental computer-science research. Competence and knowledge transfer goes both ways. Der 27. Internationale EG-ICE Workshop 2020 bringt internationale Experten zusammen, die an der Schnittstelle zwischen fortgeschrittener Datenverarbeitung und modernen technischen Herausforderungen arbeiten. Viele ingenieurwissenschaftliche Aufgaben erfordern Open-World-Resolutionen, um die Zusammenarbeit mehrerer Akteure zu unterstützen, mit approximativen Modellen umzugehen, eine effektive Interaktion zwischen Ingenieur und Computer zu ermöglichen, in mehrdimensionalen Lösungsräumen zu suchen, Unsicherheiten zu berücksichtigen, einschließlich fachspezifischen Domänenwissens, Sensordateninterpretation durchzuführen und mit unvollständigem Wissen umzugehen. Während die Ergebnisse aus der Informatik anfänglich viel Unterstützung für die Lösung bieten, ist eine Anpassung unvermeidlich, und am wichtigsten ist, dass das Feedback aus der Bewältigung technischer Herausforderungen die computer-wissenschaftliche Grundlagenforschung vorantreibt. Kompetenz und Wissenstransfer gehen in beide Richtungen.

These proceedings address the latest developments in information communication and technologies for geo-engineering. The 3rd International Conference on Information Technology in Geo-Engineering (ICITG 2019), held in Guimarães, Portugal, follows the previous successful installments of this conference series in Durham (2014) and Shanghai (2010). The respective chapters cover the following: Use of information and communications technologies Big data and databases Data mining and data science Imaging technologies Building information modelling applied to geo-structures Artificial intelligence Smart geomaterials and intelligent construction Sensors and monitoring Asset management Case studies on design, construction and maintenance Given its broad range of coverage, the book will benefit students, educators, researchers and professional practitioners alike, encouraging these readers to help take the geo-engineering community into the digital age

This expert reference provides a broad, comprehensive review of the major domains of sexual offending. Beginning with an integrated etiological model of sexual offending, chapters follow addressing the primary predisposing conditions related to sexual offending (e.g.

pedophilic, hebephilic, paraphilic rape and non-contact paraphilic disorders, hyper sexuality and personality factors). In addition, special subgroups of sexual offenders (females, youth and the intellectually disabled) are considered. Both broad and specific perspectives on the assessment of sexual offenders are provided. Overviews are offered of clinical and forensic evaluations of such offenders and the utility of structured psychological assessment. A novel conceptual model of risk assessment is proposed. More specifically, each of the primary approaches or instruments related to risk assessment of sexual offending are addressed: the Static risk assessment measures, the Sex Offender Risk Appraisal Guide, structured professional judgment, and the varied measures of dynamic or criminogenic needs assessment. Finally, multiple aspects of management of sexual offenders are discussed including models of psychosocial treatment, the question of the effectiveness of such treatment, biological interventions, civil commitment, circles of support, and the containment approach to community management. Chapters are authored by both prominent experts and experienced professionals for a breadth of perspective. Among the topics covered: Pedophilic, Hebephilic, Rape Paraphilic Disorders and the variety of Non Contact sexual offending conditions Personality, related conditions, & their association with sexual offending: motivators and disinhibition in context. Disorders of hyper sexuality.

Assessments of sexual offenders, including the role of psychological testing, clinical & interview approaches, as well as forensic evaluations Conceptual models of risk assessment & discussion of specific static, dynamic & structured clinical risk assessment approaches Models of & reviews of treatment outcome with sexual offenders, including psychotherapy, psychopharmacology and castration, the containment approach, civil commitment & circles of support Overview of public policy issues & an evidence-based perspective on sex offender registration and residential restrictions. This breadth of material in Sexual Offenders will help practitioners gain multiple levels of clinical insight as well as giving them up-to-date practical tools and techniques for working with this problematic class of individuals.

This open access peer-reviewed volume was inspired by the UNESCO UNITWIN Network for Underwater Archaeology International Workshop held at Flinders University, Adelaide, Australia in November 2016. Content is based on, but not limited to, the work presented at the workshop which was dedicated to 3D recording and interpretation for maritime archaeology. The volume consists of contributions from leading international experts as well as up-and-coming early career researchers from around the globe. The content of the book includes recording and analysis of maritime archaeology through emerging technologies, including both practical and theoretical contributions. Topics include photogrammetric recording, laser scanning, marine geophysical 3D survey techniques, virtual reality, 3D modelling and reconstruction, data integration and Geographic Information Systems. The principal incentive for this publication is the ongoing rapid shift in the methodologies of maritime archaeology within recent years and a marked increase in the use of 3D and digital approaches. This convergence of digital technologies such as underwater photography and photogrammetry, 3D sonar, 3D virtual reality, and 3D printing has highlighted a pressing need for these new methodologies to be considered together, both in terms of defining the state-of-the-art and for consideration of future directions. As a scholarly publication, the audience for the book includes students and researchers, as well as professionals working in various aspects of archaeology, heritage management, education, museums, and public policy. It will be of special interest to those working in the field of coastal cultural resource management and underwater archaeology but will also be of broader interest to anyone interested in archaeology and to those in other disciplines who are now engaging with 3D recording and visualization.

La Disposición Final de la Ley 21/2014 establecía que el Gobierno, en el plazo de un año desde la entrada en vigor de la misma, debía afrontar una reforma integral de nuestra vigente Ley de Propiedad Intelectual, lo que a día de hoy no ha tenido lugar. La Ley de Propiedad Intelectual data de 1987 y, a pesar de las sucesivas modificaciones que de la misma se han ido produciendo, se encuentra necesitada de

una reforma en profundidad. El paso a una sociedad digital, así como las nuevas exigencias sociales y culturales, requieren una nueva visión en diversos temas. En este libro se abordan, precisamente, las cuestiones más importantes que deberían ser tenidas en cuenta a la hora de proceder a realizar esa tarea. Así, asuntos tales como los relativos al contenido del derecho de autor, su objeto, contenido y duración, el sistema de copia privada o la gestión colectiva, entre otros muchos, son analizados desde una posición crítica destacando aquellos aspectos que urgentemente requieren una revisión normativa. Los trabajos contenidos en este libro se han realizado en el marco del proyecto de investigación DER2016-75096-R cuyo investigador principal es Eduardo Serrano Gómez.

Dental implants have become one of the most popular and rapidly growing techniques for replacing missing teeth. While their predictability, functionality, and durability make them an attractive option for patients and clinicians alike, complications can arise at any stage from patient assessment to maintenance therapy. *Dental Implant Complications: Etiology, Prevention, and Treatment, Second Edition*, updates and expands the hallmark first edition, which was the first comprehensive reference designed to provide clinicians of all skill levels with practical instruction grounded in evidence-based research. Featuring cases from a variety of dental specialties, the book covers the most commonly occurring implant complications as well as the unique. *Dental Implant Complications: Etiology, Prevention, and Treatment, Second Edition*, is organized sequentially, guiding the reader through complications associated with the diagnosis, treatment planning, placement, restoration, and maintenance of implants at any stage. Complications associated with various bone augmentation and sinus lift procedures are also discussed in detail with emphasis on their etiology and prevention. Each chapter utilizes a highly illustrated and user-friendly format to showcase key pedagogical features, including a list of “take home tips” summarizing the fundamental points of each chapter. New chapters include discussions of complications from drug prescribing, implant naturalization, cemented restorations, loose implant restoration syndrome, and craniofacial growth. Readers will also find more case presentations to see how complications have been managed in real-world situations. *Dental Implant Complications: Etiology, Prevention, and Treatment, Second Edition*, brings together contributions from leading experts in the field under the superior editorship of Dr. Stuart Froum. With its pragmatic approach to preventing and managing implant complications, this expertly crafted text continues to serve as an indispensable clinical reference and guide for all dentists placing or restoring implants.

Includes Part 1A: Books, Part 1B: Pamphlets, Serials and Contributions to Periodicals and Part 2: Periodicals. (Part 2: Periodicals incorporates Part 2, Volume 41, 1946, New Series)

Codifying Choice of Law Around the World chronicles, documents, and celebrates the extraordinary, massive codification of Private International Law (PrIL), or Conflict of Laws that has taken place in the last 50 years, from 1962-2012. During this period, the world has witnessed the adoption of nearly 200 PrIL codifications, EU Regulations, and international conventions---more than in all preceding years since the inception of PrIL. This book provides a horizontal comparison and discussion of these codifications and conventions, first by comparing the way they resolve tort and contract conflicts, and then by comparing the answers of these codifications to the fundamental philosophical and methodological dilemmas of PrIL. In the process, this book re-examines and dispels certain widely held assumptions about choice of law, and the art and science of codification in general. Written by Symeon C. Symeonides, a renowned PrIL and comparative law

expert with extensive first-hand experience in drafting codifications and advising other drafters, *Codifying Choice of Law Around the World* will serve as an indispensable point of reference for any serious study or discussion of PrIL, and comparative law.

Cover -- Title -- Copyright -- Dedication -- Contents -- Disclaimer -- Acknowledgments -- Editors -- Authors -- Part 1 Introduction -- 1 An Introduction to Adverse Impact Measurement in the EEO Context -- 2 Understanding Employment Data Used for EEO Disparity Analyses -- Part 2 Analyzing Employee Selection Decisions -- 3 Structuring a Traditional EEO Adverse Impact Analysis: The 2x2 Table -- 4 Statistical Significance Testing in Adverse Impact Analysis -- 5 Measuring Practical Significance in Adverse Impact Analysis.

A comprehensive text covering all aspects of wave and tidal energy *Wave and Tidal Energy* provides a comprehensive and self-contained review of the developing marine renewable energy sector, drawing from the latest research and from the experience of device testing. The book has a twofold objective: to provide an overview of wave and tidal energy suitable for newcomers to the field and to serve as a reference text for advanced study and practice. Including detail on key issues such as resource characterisation, wave and tidal technology, power systems, numerical and physical modelling, environmental impact and policy. The book also includes an up-to-date review of developments worldwide and case studies of selected projects. Key features: A comprehensive and self-contained text covering all aspects of the multidisciplinary fields of wave and tidal energy. Draws upon the latest research in wave and tidal energy and the experience of leading practitioners in numerical and laboratory modelling. Regional developments worldwide are reviewed and representative projects are presented as case studies. *Wave and Tidal Energy* is an invaluable resource to a wide range of readers, from engineering students to technical managers and policymakers to postgraduate students and researchers.

While megacities are a reality, so too are the environmental disturbances that they cause, including air and water pollution. These disturbances can be modeled with technology and data obtained by modern methods, such as by drone, to monitor cities in near real-time as well as help to simulate risk situations and propose future solutions. These solutions can be inspired by the theoretical principles of sustainable urbanism. *Methods and Applications of Geospatial Technology in Sustainable Urbanism* is a collection of innovative research that combines theory and practice on analyzing urban environments and applying sustainability principles to them. Highlighting a wide range of topics including geographic information systems, internet mapping technologies, and green urbanism, this book is ideally designed for urban planners, public administration officials, landscape analysts, geographers, engineers, entrepreneurs, academicians, researchers, and students.

Numerical Methods in Geotechnical Engineering contains the proceedings of the 8th European Conference on Numerical Methods in Geotechnical Engineering (NUMGE 2014, Delft, The Netherlands, 18-20 June 2014). It is the eighth in a series of conferences organised by the European Regional Technical Committee ERTC7 under the auspices of the International

Agenda Brasileira Covid-19 é a nova edição do periódico Agenda Brasileira, publicação com periodicidade semestral, que tem como objetivo tratar de temas de relevância social debatidos na Câmara dos Deputados. Este segundo volume trata do tema da pandemia de Covid-19 e reúne nove artigos de autoria da Consultoria Legislativa da Câmara dos Deputados: A pandemia de Covid-19 e a agenda das políticas de saúde pública na Câmara dos Deputados; Medidas educacionais, culturais e desportivas de combate aos efeitos da pandemia – particularidades e desafios; Direito privado na pandemia – a atuação legislativa da Câmara dos Deputados; Assistência social e previdência social no combate à Covid-19; Principais ações legislativas no âmbito do mercado de trabalho; Aplicativos de celular para rastreamento de contato como estratégia contra a Covid-19 no Brasil; A resposta fiscal à crise da Covid-19 no Brasil; A função dos tributos no combate à crise econômica provocada pela Covid-19 e A atuação da Câmara dos Deputados na área de educação durante a pandemia de Covid-19. A publicação procura contribuir para o enriquecimento do debate nacional e facilitar o acesso do público, principalmente de acadêmicos e profissionais, aos estudos que acontecem dentro do parlamento, trazendo sempre o olhar do legislativo sobre as questões contemporâneas.

This internationally conducted study of the latest construction industry practices addresses a broad range of Information and Communication Technology applications. Drawing on research conducted in the US and UK, this book presents the state of the art of various ebusiness processes, and examines BIM, virtual environments and mobile technologies. Innovation is a theme that runs throughout this book, so in addition to the direct impact of these new technical achievements, it also considers the management styles that helped them to emerge. Examples from industry are illustrated with case studies and presented alongside research from some of the best known academics in this field. This book is essential reading for all advanced students and researchers interested in how ICT is changing construction management and the construction industry.

This carefully crafted ebook is formatted for your eReader with a functional and detailed table of contents. Captain America: Civil War is a 2016 American superhero film based on the Marvel Comics character Captain America, produced by Marvel Studios and distributed by Walt Disney Studios Motion Pictures. It is the sequel to 2011's Captain America: The First Avenger and 2014's Captain America: The Winter Soldier, and the thirteenth film of the Marvel Cinematic Universe (MCU). The film is directed by Anthony and Joe Russo, with a screenplay by Christopher Markus & Stephen

McFeely, and features an ensemble cast, including Chris Evans, Robert Downey Jr., Scarlett Johansson, Sebastian Stan, Anthony Mackie, Don Cheadle, Jeremy Renner, Chadwick Boseman, Paul Bettany, Elizabeth Olsen, Paul Rudd, Emily VanCamp, Tom Holland, Frank Grillo, William Hurt, and Daniel Brühl. In *Captain America: Civil War*, disagreement over international oversight of the Avengers fractures them into opposing factions—one led by Steve Rogers and the other by Tony Stark. This book has been derived from Wikipedia: it contains the entire text of the title Wikipedia article + the entire text of all the 634 related (linked) Wikipedia articles to the title article. This book does not contain illustrations.

Structural irregularities are one of the most frequent causes of severe damages in buildings, as evidenced by the numerous earthquakes in recent years. This issue is of particular importance, since real structures are almost all irregular. Furthermore, structural irregularities depend on several factors often very difficult to predict. This book is an essential tool for understanding the problem of structural irregularities and provides the most up-to-date review on this topic, covering the aspects of ground rotations, analysis, design, control and monitoring of irregular structures. It includes 24 contributions from authors of 13 countries, giving a complete and international view of the problem.

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An important historical account of Tuskegee University's significant advances in health care, which affected millions of lives worldwide. Alabama's celebrated, historically black Tuskegee University is most commonly associated with its founding president, Booker T. Washington, the scientific innovator George Washington Carver, or the renowned Tuskegee Airmen. Although the university's accomplishments and devotion to social issues are well known, its work in medical research and health care has received little acknowledgment. Tuskegee has been fulfilling Washington's vision of "healthy minds and bodies" since its inception in 1881. In *To Raise Up the Man Farthest Down*, Dana R. Chandler and Edith Powell document Tuskegee University's medical and public health history with rich archival data and never-before-published photographs. Chandler and Powell especially highlight the important but largely unsung role that Tuskegee University researchers played in the eradication of polio, and they add new dimension and context to the fascinating story

of the HeLa cell line that has been brought to the public's attention by popular media. Tuskegee University was on the forefront in providing local farmers the benefits of agrarian research. The university helped create the massive Agricultural Extension System managed today by land grant universities throughout the United States. Tuskegee established the first baccalaureate nursing program in the state and was also home to Alabama's first hospital for African Americans. Washington hired Alabama's first female licensed physician as a resident physician at Tuskegee. Most notably, Tuskegee was the site of a remarkable development in American biochemistry history: its microbiology laboratory was the only one relied upon by the National Foundation for Infantile Paralysis (the organization known today as the March of Dimes) to produce the HeLa cell cultures employed in the national field trials for the Salk and Sabin polio vaccines. Chandler and Powell are also interested in correcting a long-held but false historical perception that Tuskegee University was the location for the shameful and infamous US Public Health Service study of untreated syphilis. Meticulously researched, this book is filled with previously undocumented information taken directly from the vast Tuskegee University archives. Readers will gain a new appreciation for how Tuskegee's people and institutions have influenced community health, food science, and national medical life throughout the twentieth century.

This book features papers focusing on the implementation of new and future technologies, which were presented at the International Conference on New Technologies, Development, and Application, held at the Academy of Science and Arts of Bosnia and Herzegovina in Sarajevo on June 24-26, 2021. It covers a wide range of future technologies and technical disciplines, including complex systems such as Industry 4.0; patents in industry 4.0; robotics; mechatronics systems; automation; manufacturing; cyber-physical and autonomous systems; sensors; networks; control, energy, renewable energy sources; automotive and biological systems; vehicular networking and connected vehicles; effectiveness and logistics systems; smart grids; nonlinear systems; power, social and economic systems; education; and IoT. The book *New Technologies, Development and Application III* is oriented toward Fourth Industrial Revolution industry 4.0, implementation which improves many aspects of human life in all segments and leads to changes in business paradigms and production models. Further, new business methods are emerging and transforming production systems, transport, delivery, and consumption, which need to be monitored and implemented by every company involved in the global market.

Although most mining companies have systems in place for slope monitoring, experience indicates that mining operations continue to be surprised by the occurrence of negative geotechnical events. A comprehensive and robust performance monitoring system is an essential component of the slope management program in an open pit mining operation. Yet the development of such a system requires considerable expertise to ensure that the monitoring system is

effective and reliable. Written by industry experts, "Guidelines for Slope Performance Monitoring" is an initiative of the Large Open Pit (LOP) Project and the fifth book in the Guidelines for Open Pit Slope Design series. Its 10 chapters present the process of establishing and operating a slope monitoring system, the fundamentals of pit slope monitoring methods and instrumentation, monitoring system operation, data acquisition, management and analysis, and utilisation and communication of monitoring results. The implications of the increasing move to automate mining operations are also discussed, including the potential future requirements of performance monitoring. The book summarises leading mine industry practice in monitoring system design, implementation, system management, data management and reporting, providing guidance for engineers, geologists, technicians and others responsible for geotechnical risk management.

Structural Analysis of Historical Constructions An Interdisciplinary Approach Springer

This book was proposed and organized as a means to present recent developments in the field of nondestructive testing of materials in civil engineering. For this reason, the articles highlighted in this editorial relate to different aspects of nondestructive testing of different materials in civil engineering—from building materials to building structures. The current trend in the development of nondestructive testing of materials in civil engineering is mainly concerned with the detection of flaws and defects in concrete elements and structures, and acoustic methods predominate in this field. As in medicine, the trend is towards designing test equipment that allows one to obtain a picture of the inside of the tested element and materials. From this point of view, interesting results with significance for building practices have been obtained

This book is published under a CC BY-NC 4.0 license. The editors present essential methods and tools to support a holistic approach to the challenge of system upgrades and innovation in the context of high-value products and services. The approach presented here is based on three main pillars: an adaptation mechanism based on a broad understanding of system dependencies; efficient use of system knowledge through involvement of actors throughout the process; and technological solutions to enable efficient actor communication and information handling. The book provides readers with a better understanding of the factors that influence decisions, and put forward solutions to facilitate the rapid adaptation to changes in the business environment and customer needs through intelligent upgrade interventions. Further, it examines a number of sample cases from various contexts including car manufacturing, utilities, shipping and the furniture industry. The book offers a valuable resource for both academics and practitioners interested in the upgrading of capital-intensive products and services. "The work performed in the project "Use-It-Wisely (UiW)" significantly contributes towards a collaborative way of working. Moreover, it offers comprehensive system modelling to identify business opportunities and develop technical solutions within industrial value networks. The developed UiW-framework fills a void and offers a great opportunity. The naval construction sector of small passenger vessels, for instance, is one

industry that can benefit.” Nikitas Nikitakos, Professor at University of the Aegean, Department of Shipping, Trade, and Transport, Greece. “Long-life assets are crucial for both the future competitiveness and sustainability of society. Make wrong choices now and you are locked into a wrong system for a long time. Make the right choices now and society can prosper. This book gives important information about how manufacturers can make right choices.” Arnold Tukker, Scientific director, Institute of Environmental Sciences (CML), Leiden University, and senior scientist, TNO.

Após identificação de diversas situações de grande vulnerabilidade e risco presentes num trecho da costa portuguesa, continua esta obra com uma abordagem de aspetos relativos à hidrodinâmica e a desenvolvimentos numéricos básicos no domínio da engenharia costeira. Seguem-se descrições dos processos de geração das ondas no mar e das transformações que ocorrem numa onda ao propagar-se desde o largo até à costa. São apresentadas as diferentes teorias da onda e é abordada com mais detalhe a teoria geral da onda em condições de água pouco profunda. São abordados os processos físicos envolvidos e as metodologias comumente usadas na modelação da morfodinâmica costeira, incluindo formulações para o cálculo dos caudais sólidos transportados por arrastamento e em suspensão. São descritos os processos costeiros básicos, com ênfase nos movimentos transversais e longitudinais que conduzem a alterações dos perfis de praia. São aforadas metodologias simplificadas para estimar a evolução da linha de costa, avaliar o risco de erosão e elaborar mapas de vulnerabilidades. Termina com uma breve abordagem ao planeamento e à gestão integrada da zona costeira, sendo propostas linhas de orientação tendo como pano de fundo as vulnerabilidades existentes num trecho da costa portuguesa.

La primera edición de este libro aborda, de manera sistemática, el complejo problema de establecer cuál de las partes -constructor o administración contratante- debe asumir el riesgo de las condiciones físicas del suelo que aparecen de manera inesperada durante la ejecución de una obra de infraestructura. Los distintos elementos del problema son tratados con rigor, complementando la normativa interna con la internacional. De igual manera, se incluyen explicaciones necesarias sobre los aspectos técnicos de ingeniería, que resultan determinantes para el análisis y solución de las controversias relativas a la condición imprevista del terreno. Los temas del libro se ilustran con referencia a proyectos de construcción o ingeniería cuidadosamente seleccionados y documentados y con abundantes casos del sector, resueltos por tribunales colombianos y extranjeros, particularmente de Estados Unidos de Norteamérica, Inglaterra y Canadá. Estas calidades, que el lector tendrá ocasión reiterada de comprobar, hacen de esta obra un referente indispensable en la materia.

This book gathers selected contributions presented at the Enzo Levi and XX Annual Meeting of the Fluid Dynamic Division of the Mexican Physical Society in 2014. The individual papers explore recent advances in experimental and theoretical fluid dynamics and are suitable for use in both teaching and research. The fluid dynamics applications covered include multiphase flows, convection, diffusion, heat transfer, rheology, granular materials, viscous flows, porous media flows, geophysics and astrophysics. The contributions, some of which are introductory and avoid the use of complicated mathematics, are suitable for fourth-year undergraduate and graduate students. Accordingly, the book is of immense benefit to these students, as well as to scientists in the

fields of physics, chemistry and engineering with an interest in fluid dynamics from experimental and theoretical points of view. This volume presents some advances in the analysis and design of deep foundations. It contains 21 technical papers covering various aspects of analysis and design of deep foundations based on full-scale field testing, numerical modeling and analytical solutions. They present results and findings from research as well as practical-oriented studies on deep foundations that are of interest to civil/geotechnical engineering community. The topics cover a wide spectrum of applications that include evaluation of the axial and lateral capacity of piles, pile group effects, evaluation of the increase in pile capacity with time (or pile setup), influence of excavation on pile capacity, study the behavior of pile raft caisson foundations, evaluation of the bearing capacity and settlement of piles from cone penetration tests, etc. The volume is based on the best contributions to the 2nd GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2018 – The official international congress of the Soil-Structure Interaction Group in Egypt (SSIGE).

The book presents a collection of accepted papers from the 3DGeoinfo 2015 international conference held in Kuala Lumpur, Malaysia from October 28 – 30, 2015. All papers underwent double-blind review by experts from around the globe. The conference brought together pioneering international researchers and practitioners to facilitate the dialogue on emerging topics in the field of 3D geo-information. The focus areas include: - Data Collection and Modeling: advanced approaches for 3D data collection, reconstruction and methods for representation- Data Management: topological, geometrical and network models for maintenance of 3D geoinformation- Data Analysis and Visualization: frameworks for representing 3D spatial relationships, 3D spatial analysis and algorithms for navigation, interpolation, advanced VR, AR and MR visualisation, as well as 3D visualization on mobile devices- 3D Applications: city models, Cadastre, LBS, etc.

Frontiers in Offshore Geotechnics III comprises the contributions presented at the Third International Symposium on Frontiers in Offshore Geotechnics (ISFOG, Oslo, Norway, 10-12 June 2015), organised by the Norwegian Geotechnical Institute (NGI). The papers address current and emerging geotechnical engineering challenges facing those working in off

This book presents state-of-the-art knowledge on problems of the effects of structural irregularities on their seismic response. It also covers specific spatial and rotational seismic loads on these structures. Rapid progress in respective research on irregular structures and unconventional seismic loads requires prompt updates of the state of the art in this area. These problems are of particular interest to both researchers and practitioners because these are non-conservative effects compared with the approach of the traditional seismic design (e.g. Eurocode 8, Uniform Building Code etc.). This book will be of particular interest to researchers, PhD students and engineers dealing with design of structures under seismic excitations.

Professional football means many things to many people. For players, a means to possible fame and fortune. For fans, a source of local or national pride, and perhaps the chance to score with a few bets. For criminal organizations, a cover for making millions in corrupt enterprises. In the world of gambling this is no different. Football, Gambling, and Money Laundering describes in impressive detail the scope of the problem, the layers of denial that allow sports-related financial crime to flourish, and the steps

that are being taken--and that need to be taken--to combat illicit operations in the sports world. Expert analysis explains criminal activity in the context of football, and how sports governing bodies, the media, and others have created a culture that regularly turns a blind eye. International data and instructive legal case examples shed light on the role of the Internet in the spread of gambling and money laundering as well as the strengths and weaknesses of current law enforcement, legislative, and sports-based efforts in fighting corruption. Included in the coverage:

- Criminal activity in the sports world
- Financial crime and exploitation in football and gambling
- Legal wagering and illegal betting, including online
- Illegal and disguised payment instruments used by organized crime
- International legal cooperation in combating money laundering
- National and international proposals for improving the sports and gambling industries to prevent money laundering

An authoritative reference to a growing and wide-reaching concern, Football, Gambling, and Money Laundering will find an interested audience among academics, prosecutors, judges, law enforcement officials, and others involved in efforts to curb corruption and money laundering in the world of football.

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Previous Edition: Equal Employment Opportunity Compliance Guide, 2019 Edition, ISBN 9781543800043

This book is a printed edition of the Special Issue "Remote Sensed Data and Processing Methodologies for 3D Virtual Reconstruction and Visualization of Complex Architectures" that was published in Remote Sensing

This volume contains the proceedings of the 11th International Conference on Structural Analysis of Historical Constructions (SAHC) that was held in Cusco, Peru in 2018. It disseminates recent advances in the areas related to the structural analysis of historical and archaeological constructions. The challenges faced in this field show that accuracy and robustness of results rely heavily on an interdisciplinary approach, where different areas of expertise from managers, practitioners, and scientists work together. Bearing this in mind, SAHC 2018 stimulated discussion on the new knowledge developed in the different disciplines involved in analysis, conservation, retrofit, and management of existing constructions. This book is organized according to the following topics: assessment and intervention of archaeological heritage, history of construction and building technology, advances in inspection and NDT, innovations in field and laboratory testing applied to historical construction and heritage, new technologies and techniques, risk and vulnerability assessments of heritage for multiple types of hazards, repair, strengthening, and retrofit of historical structures, numerical modeling and structural analysis, structural health monitoring, durability and sustainability, management and conservation strategies for heritage structures, and interdisciplinary projects and case studies. This volume holds particular interest for all the community interested in the challenging task of preserving existing constructions, enable great opportunities, and also uncover new challenges in the field of structural analysis of historical and archeological constructions.

Succeed on the job--and in your course--and prepare for the Certified Paralegal examination with the NALA Manual. More than 100 leading authorities with a wide range of experience in legal disciplines and management have contributed to this comprehensive manual since it was introduced in 1976. Covering all the skills required of paralegals today, the updated manual includes a collection of successful solutions to actual assignments accomplished by working paralegals nationwide. These proven techniques and procedures can be used as starting points from which you can make changes, adaptations, and modifications when you encounter similar situations on the job. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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