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4NXMRM - CANTRELL RAMOS

This book is written for professionals in developing countries, for occupational safety and health specialists, production engineers, managers and trade union representatives. The book links occupational safety and health with production and productivity, showing the positive relationship between good and safe working conditions and sustainable high productivity. The book makes use of research results, and is intended to be used in connection with training activities, but does not concentrate on research or training. The focus is action for change to eliminate or reduce risks at workplaces.

Physical asset management is the management of fixed or non-current assets such as equipment and plant. Physical Asset Management presents a systematic approach to the management of these assets from concept to disposal. The general principles of physical asset management are discussed in a manner which makes them accessible to a wide audience, and covers all stages of the asset management process, including: initial business appraisal; identification of fixed asset needs; financial evaluation; logistic support analysis; life cycle costing; maintenance strategy; outsourcing; cost-benefit analysis; disposal; and renewal. Physical Asset Management addresses the needs of existing and potential asset managers, and provides an introduction to asset management for professionals in related disciplines, such as finance. The book provides both an introduction and a convenient reference work, covering all the main areas of physical asset management.

The second edition of this handbook provides a state-of-the-art overview on the various aspects in the rapidly developing field of robotics. Reaching for the human frontier, robotics is vigorously engaged in the growing challenges of new emerging domains. Interacting, exploring, and working with humans, the new generation of robots will increasingly touch people and their lives. The credible prospect of practical robots among humans is the result of the scientific endeavour of a half a century of robotic developments that established robotics as a modern scientific discipline. The ongoing vibrant expansion and strong growth of the field during the last decade has fueled this second edition of the Springer Handbook of Robotics. The first edition of the handbook soon became a landmark in robotics publishing and won the American Association of Publishers PROSE Award for Excellence in Physical Sciences & Mathematics as well as the organization's Award for Engineering & Technology. The second edition of the handbook, edited by two internationally renowned scientists with the support of an outstanding team of seven part editors and more than 200 authors, continues to be an authoritative reference for robotics researchers, newcomers to the field, and scholars from related dis-

ciplines. The contents have been restructured to achieve four main objectives: the enlargement of foundational topics for robotics, the enlightenment of design of various types of robotic systems, the extension of the treatment on robots moving in the environment, and the enrichment of advanced robotics applications. Further to an extensive update, fifteen new chapters have been introduced on emerging topics, and a new generation of authors have joined the handbook's team. A novel addition to the second edition is a comprehensive collection of multimedia references to more than 700 videos, which bring valuable insight into the contents. The videos can be viewed directly augmented into the text with a smartphone or tablet using a unique and specially designed app. Springer Handbook of Robotics Multimedia Extension Portal: <http://handbookofrobotics.org/>

The book is an outcome of the author's active professional involvement in research, manufacture and consultancy in the field of cement chemistry and process engineering. This multidisciplinary title on cement production technology covers the entire process spectrum of cement production, starting from extraction and winning of natural raw materials to the finished products including the environmental impacts and research trends. The book has an overtone of practice supported by the back-up principles.

Addressing a field that has been dominated by astronomers, physicists, engineers, and computer scientists, the contributors to this collection raise questions that may have been overlooked by physical scientists about the ease of establishing meaningful communication with an extraterrestrial intelligence. These scholars are grappling with some of the enormous challenges that will face humanity if an information-rich signal emanating from another world is detected. By drawing on issues at the core of contemporary archaeology and anthropology, we can be much better prepared for contact with an extraterrestrial civilization, should that day ever come.

This book represents the seventeenth edition of the leading IMPORTANT reference work MAJOR COMPANIES OF THE ARAB WORLD. All company entries have been entered in MAJOR COMPANIES OF THE ARAB WORLD absolutely free of ThiS volume has been completely updated compared to last charge, thus ensuring a totally objective approach to the year's edition. Many new companies have also been included information given. this year. Whilst the publishers have made every effort to ensure that the information in this book was correct at the time of press, no The publishers remain confident that MAJOR COMPANIES responsibility or liability can be accepted for any errors or OF THE ARAB WORLD contains more information on the omissions, or fqr the consequences thereof. major industrial and commercial companies than any other work. The information in the book was submitted mostly by the ABOUT GRAHAM & TROTMAN LTD companies themselves, completely free of charge.

To all those Graham & Trotman Ltd, a member of the Kluwer Academic companies, which assisted us in our research operation, we Publishers Group, is a publishing organisation specialising in express grateful thanks. To all those individuals who gave us the research and publication of business and technical help as well, we are similarly very grateful. information for industry and commerce in many parts of the world.

"This volume covers the period from the end of the Neolithic era to the beginning of the seventh century of our era. This lengthy period includes the civilization of Ancient Egypt, the history of Nubia, Ethiopia, North Africa and the Sahara, as well as of the other regions of the continent and its islands."--Publisher's description

The challenging and exciting life of James Henry Breasted spanned the most important years of the early western exploration of ancient Egypt. He was at the center of turbulent and world-changing events, including World War I and the discovery of the tomb of Tutankhamun by Howard Carter. An immensely talented scholar, he explored the Nile Valley and its antiquities in the late 19th and early 20th centuries, recording inscriptions and participating in digs with men like Petrie. At his side was his wife, as well as his son Charles, who wrote this admiring work about the life and times of his father. James Breasted was consulted with by such men as General Allenby during WWI. When Howard Carter discovered Tut's tomb in 1922, one of the first men he and his patron, Lord Carnarvon, contacted was Breasted. He not only saw the tomb shortly after its discovery, his effort to mediate between Carter and the Egyptian government when Carter was later locked out of the tomb is detailed here. You cannot understand ancient Egypt or modern Egyptology without knowing about Breasted's remarkable life. He was the founder of the Oriental Institute at the University of Chicago. For the first time, this long out-of-print volume is available as an affordable, well-formatted book for e-readers, tablets, and smartphones. Be sure to LOOK INSIDE by clicking the cover above or download a sample.

Safe, efficient, code-compliant electrical installations are made simple with the latest publication of this widely popular resource. Like its highly successful previous editions, the National Electrical Code 2011 spiral bound version combines solid, thorough, research-based content with the tools you need to build an in-depth understanding of the most important topics. New to the 2011 edition are articles including first-time Article 399 on Outdoor, Overhead Conductors with over 600 volts, first-time Article 694 on Small Wind Electric Systems, first-time Article 840 on Premises Powered Broadband Communications Systems, and more. This spiralbound version allows users to open the code to a certain page and easily keep the book open while referencing that page. The National Electrical Code is adopted in all 50 states, and is an essential reference for those in or entering careers in electrical design, installation, inspection, and safety.

This book presents unique new insights into the development of human ritual and society through our heritage of play and performance.

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

"Edited anthology of 73 previously published texts on the theory and practice of the conservation and management of archaeological sites"--Provided by publisher.

Ancient Knowledge Networks is a book about how knowledge travels, in minds and bodies as well as in writings. It explores the forms knowledge takes and the meanings it accrues, and how these meanings are shaped by the peoples who use it. Addressing the relationships between political power, family ties, religious commitments and literate scholarship in the ancient Middle East of the first millennium BC, Eleanor Robson focuses on two regions where cuneiform script was the predominant writing medium: Assyria in the north of modern-day Syria and Iraq, and Babylonia to the south of modern-day Baghdad. She investigates how networks of knowledge enabled cuneiform intellectual culture to endure and adapt over the course of five world empires until its eventual demise in the mid-first century BC. In doing so, she also studies Assyriological and historical method, both now and over the past two centuries, asking how the field has shaped and been shaped by the academic concerns and fashions of the day. Above all, Ancient Knowledge Networks is an experiment in writing about 'Mesopotamian science', as it has often been known, using geographical and social approaches to bring new insights into the intellectual history of the world's first empires.

This teaching guide covers the identification, deterioration, and conservation of artifacts made from plant materials. Detailed information on plant anatomy, morphology, and development, focusing on information useful to the conservator in identifying plant fibers are described, as well as the processing, construction, and decorative techniques commonly used in such artifacts. A final chapter provides a thorough discussion of conservation, preservation, storage, and restoration methods. This is a valuable resource to conservators and students alike.

The Sumerians, the pragmatic and gifted people who preceded the Semites in the land first known as Sumer and later as Babylonia, created what was probably the first high civilization in the history of man, spanning the fifth to the second millenniums B.C. This book is an unparalleled compendium of what is known about them. Professor Kramer communicates his enthusiasm for his subject as he outlines the history of the Sumerian civilization and describes their cities, religion, literature, education, scientific achievements, social structure, and psychology. Finally, he considers the legacy of Sumer to the ancient and modern world. "There are few scholars in the world qualified to write such a book, and certainly Kramer is one of them. . . . One of the most valuable features of this book is the quantity of texts and fragments which are published for the first time in a form available to the general reader. For the layman the book provides a readable and up-to-date introduction to a most fascinating culture. For the specialist it presents a synthesis with which he may not agree but from which he will nonetheless derive stimulation."—American Journal of Archaeology "An uncontested authority on the civilization of Sumer, Professor Kramer writes with grace and urbanity."—Library Journal

Presents a landmark study combining key specialists around the region with well-established international scholars, from a wide range of disciplines.

A comprehensive overview of ancient ambers, the only such book in English, is now revised. First published in 2012, this catalogue presents fifty-six Etruscan, Greek, and Italic carved ambers from the Getty Museum's collection—the second largest body of this material in the United States and

one of the most important in the world. The ambers date from about 650 to 300 BC. The catalogue offers full description of the pieces, including typology, style, chronology, condition, and iconography. Each piece is illustrated. The catalogue is preceded by a general introduction to ancient amber (which was also published in 2012 as a stand-alone print volume titled *Amber and the Ancient World*). Through exquisite visual examples and vivid classical texts, this book examines the myths and legends woven around amber—its employment in magic and medicine, its transport and carving, and its incorporation into jewelry, amulets, and other objects of prestige. This publication highlights a group of remarkable amber carvings at the J. Paul Getty Museum.

Most of the technological developments relevant to water supply and wastewater date back to more than to five thousand years ago. These developments were driven by the necessity to make efficient use of natural resources, to make civilizations more resistant to destructive natural elements, and to improve the standards of life, both at public and private level. Rapid technological progress in the 20th century created a disregard for past sanitation and wastewater and stormwater technologies that were considered to be far behind the present ones. A great deal of unresolved problems in the developing world related to the wastewater management principles, such as the decentralization of the processes, the durability of the water projects, the cost effectiveness, and sustainability issues, such as protection from floods and droughts were intensified to an unprecedented degree. New problems have arisen such as the contamination of surface and groundwater. Naturally, intensification of unresolved problems has led to the reconsideration of successful past achievements. This retrospective view, based on archaeological, historical, and technical evidence, has shown two things: the similarity of physicochemical and biological principles with the present ones and the advanced level of wastewater engineering and management practices. *Evolution of Sanitation and Wastewater Technologies through the Centuries* presents and discusses the major achievements in the scientific fields of sanitation and hygienic water use systems throughout the millennia, and compares the water technological developments in several civilizations. It provides valuable insights into ancient wastewater and stormwater management technologies with their apparent characteristics of durability, adaptability to the environment, and sustainability. These technologies are the underpinning of modern achievements in sanitary engineering and wastewater management practices. It is the best proof that “the past is the key for the future”. *Evolution of Sanitation and Wastewater Technologies through the Centuries* is a textbook for undergraduate and graduate courses of Water Resources, Civil Engineering, Hydraulics, Ancient History, Archaeology, Environmental Management and is also a valuable resource for all researchers in these fields. Authors: Andreas N. Angelakis, Institute of Iraklion, Iraklion, Greece and Joan B. Rose, Michigan State University, East Lansing, MI, USA

"Business Ethics and Values" introduces students to the complexities and principles of ethical issues by focusing on developing ethical awareness and the ability to argue business ethics matters. A proven resource, the second edition of this text continues to present a successful blend of concrete issues and academic theory, suitable for undergraduate and postgraduate students with or without practical experience of the world of organisations. It gives as much importance to individual conscience at work as it does to socially responsible behaviour at the corporate level and within the global business world. Hallmark features: Broad coverage of the many issues in this subject ensures that students see the whole picture. The use of real-world case studies and simulations helps to stimulate

debate and appreciate the multi-faceted aspects of ethical arguments. New to this edition: New material on the ethics of e-communication, sustainability and the ethical impact of globalisation ensures that students are learning from the most up-to-date material available. Further analysis of Anglo-American approaches to corporate governance and their ethical underpinnings. Short test and assignment questions at the end of each chapter help students to consolidate their learning. More simulation exercises and activities give students the opportunity to reflect on their attitudes to this engaging subject. A well-developed supplements package to support tutors and students includes an instructor's manual, PowerPoint slides and a companion website. Colin Fisher is Professor of Managerial Ethics and Values, Nottingham Business School, Nottingham Trent University. Alan Lovell is Professor of Organisational Accountability and Head of the Department of Accounting, Finance & Economics, Nottingham Business School, Nottingham Trent University.

Based on the authors' combined experience of seventy years working on projects around the globe, *Construction Equipment Management for Engineers, Estimators, and Owners* contains hands-on, how-to information that you can put to immediate use. Taking an approach that combines analytical and practical results, this is a valuable reference for a wide r

Sheds light upon ancient Egyptian burial customs and beliefs pertaining to life after death

Urban Drainage has been thoroughly revised and updated to reflect changes in the practice and priorities of urban drainage. New and expanded coverage includes: Sewer flooding The impact of climate change Flooding models The move towards sustainability Providing a descriptive overview of the issues involved as well as the engineering principles and analysis, it draws on real-world examples as well as models to support and demonstrate the key issues facing engineers dealing with drainage issues. It also deals with both the design of new drainage systems and the analysis and upgrading of existing infrastructure. This is a unique and essential textbook for students of water, environmental, and public health engineering as well as a valuable resource for practising engineers.

The new edition of this internationally recognised text offers comprehensive guidance on the successful management of the child in the dental setting. Prepared by authors of international renown, the *Handbook of Paediatric Dentistry* presents a volume that takes the reader far beyond the technical skills that are needed to treat disorders of the childhood dentition and instead delivers a whole philosophy of integrative patient care. Richly illustrated and in full colour throughout, the *Handbook of Paediatric Dentistry* is written in a friendly 'how to' manner and contains useful 'pull out' boxes to act as useful aide-mémoires. Exploring a variety of topics, the book includes discussion of child development, practical communication skills and advice on how to deal with behavioural problems. Clinical topics include the management of caries, fluoridation, restorative dentistry, pulp therapy, trauma management, oral medicine and pathology, dental anomalies, and the treatment of medically compromised children. Chapters also explore the use of orthodontics, the management of cleft lip and palate and speech, language and swallowing. The *Handbook of Paediatric Dentistry* has become an essential chairside and bedside companion for all practitioners caring for children and is suitable for undergraduate dental students, general dental practitioners, specialist paediatric dentists, orthodontists and paediatricians. Established as the foremost available comprehensive handbook on paediatric dentistry Prepared in an 'easy-to-digest' fashion – which allows for quick reference and easy reading Contains over 550 full colour line artworks, photographs and tables together with 'Clinical

Hints' boxes to act as useful aide-mémoires Sets out the essentials for managing conditions such as clefting disorders, haematological and endocrine disorders, congenital cardiac disease, disorders of metabolism, organ transplantation and cancer in children as well as more familiar presentations such as dental trauma, oral infections and caries Detailed appendices provide the reader with information that is often difficult to find and which may be overlooked Designed specifically to give all practitioners confidence when managing children Convenient handbook size ensures that the book can be easily referred to in the clinical setting Endorsed by the Australasian Academy of Paediatric Dentistry ~ Improved layout and completely new colour illustrations Expanded section on sedation and use of nitrous oxide Includes details from the most recent international guidelines Cases expanded to show 20 year follow-up Includes the latest research findings in orthodontics Fully updated section on clefting problems

This practical handbook of properties for soils and rock contains, in a concise tabular format, the key issues relevant to geotechnical investigations, assessments and designs in common practice. In addition, there are brief notes on the application of the tables. These data tables are compiled for experienced geotechnical professionals who require a reference document to access key information. There is an extensive database of correlations for different applications. The book should provide a useful bridge between soil and rock mechanics theory and its application to practical engineering solutions. The initial chapters deal with the planning of the geotechnical investigation, the classification of the soil and rock properties and some of the more used testing is then covered. Later chapters show the reliability and correlations that are used to convert that data in the interpretative and assessment phase of the project. The final chapters apply some of these concepts to geotechnical design. This book is intended primarily for practicing geotechnical engineers working in investigation, assessment and design, but should provide a useful supplement for postgraduate courses.