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Energy Efficiency - 1993-02

Examines the prospects for advancing U.S. energy efficiency through technology improvements and regulatory changes in the utility sector and related Federal and State initiatives. Photos, charts and tables.

Applications of Design for Manufacturing and Assembly - Ancuta Carmen Păcurar 2019-01-03

The book entitled Application of Design for Manufacturing and Assembly aims to present applicable research in the field of design, manufacturing, and assembly realized by researchers affiliated to well-known institutes. The book has a profound interdisciplinary character and is addressed to researchers, engineers, PhD students, graduate and undergraduate students, teachers, and other readers interested in assembly applications. I am confident that readers will find interesting information and challenging topics of high academic and scientific level within this book. The book presents case studies focused on new design for special parts using the principles of Design for Manufacturing and Assembly (DFMA), strategies that minimize the defects in design and manufacturing applications, special devices produced to replace human activity, multiple criteria analysis to evaluate engineering solutions, and the advantages of using the additive manufacturing technology to design the next generation of

complex parts, in different engineering fields.

Decision Making and Knowledge Decision Support Systems

- Anna Maria Gil-Lafuente 2014-12-01

This book presents recent advancements of research, new methods and techniques, applications and projects in decision making and decision support systems. It explores expert systems and neural networks, knowledge engineering and management, fuzzy sets and systems and computational methods for optimization, data analysis and decision making. It presents applications in Economics, Finance, Management and Engineering. The book undertakes to stimulate scientific exchange, ideas and experiences in the field of decision making in Economy and Management. Researchers and practitioners alike will benefit from this book, when they are dealing with imprecision, vagueness and uncertainty in the context of decision making.

The Supplemental Appropriation Bill, 1956 - United States. Congress. Senate. Committee on Appropriations 1955

[Making Software Measurement Work](#) - William C. Hetzel 1993

A practical text for software practitioners and managers or, alternatively, for industrial and college courses in software measurement and metrics. Hetzel explains what to measure, how

to measure it, and why. He also explains why good management and good engineering are inseparable from good measurement. Discussion questions and suggested exercises are included at the end of each chapter. Inaugurates a new QED series on the increasingly critical areas of how to evaluate and measure modern software systems. Annotation copyright by Book News, Inc., Portland, OR

A Contractor's Guide to the FIDIC Conditions of Contract - Michael D. Robinson 2011-02-16

This guide will help the contractor's staff overcome some of the difficulties encountered on a typical international contract using FIDIC forms. The majority of FIDIC-based contracts use the Red Book (Conditions of Contract for Construction), so this book concentrates on the use of those particular forms. Supplementary comments are included in Appendix C for the Yellow Book (Plant & Design-Build) recommended for use where the contractor has a design responsibility. The Contractor is represented on site by the Contractor's Representative who carries the overall responsibility for all the Contractor's on-site activities. In order to provide guidance to the Contractor's Representative and his staff, this book is divided into five sections: A summarized general review of the Red Book from the Contractor's perspective. A review of the activities and duties of the Contractor's Representative in the same clause sequencing as they appear in the Red Book. A summary of these activities and duties but arranged in order of their likely time sequence on site. This has the added intention of providing the Contractor's Representative with a means of ensuring that documents are not only properly provided to the Employer and Engineer, but most importantly that they are provided within the time limits specified in the Contract. A selection of model letters is provided which make reference to the various clauses of the contract requiring the Contractor to make submissions to the Employer or Engineer. Various appendices. The guide is not intended to be a review of the legal aspects of

FIDIC- based contracts; legal advice should be obtained as and when necessary, particularly if the Contractor has little or no knowledge of the local law. Armed on site with a copy of The Contractor and the FIDIC Contract, the Contractor's Representative will be more able to avoid contractual problems rather than spend considerable time and energy resolving those problems once they have arisen.

Monitoring, Evaluation and Learning Processes in the Public Sector: Spotlight on Lagos, Nigeria - John M. O. Ekundayo PhD MNSE R.Eng 2021-01-07

This treatise on emerging trends in Research, Monitoring, Evaluation and Learning with specific focus on the public sector is timely as most economies of sub-national and national Governments are currently endangered through the ravaging Covid 19 pandemic and other socio - economic and political constraints cum challenges of this season. The dire need confronting Governments globally is getting value for money expended on programmes and projects. Hence, it is high time modern tools were deployed through effective and efficient practice of Monitoring, Evaluation and Learning (MEL) to monitor and measure results. This book, written by season professionals practising MEL in the public sector within the context of Lagos, Nigeria, squarely, succinctly and saliently espouse to students, scholars, professionals, top level management, political office holders, researchers, evaluators, etc. the crucial and core ingredients of MEL needed to be measured, mixed and matched to ensure and sustain value for money. This book is plainly and lucidly written for all to comprehend and apply the contents within any given context in the public or private sector particularly the Civil Society Organisations (CSOs) which need the MEL content to thrive in dealing with partners and donors globally.

Industrial Hygiene Engineering - John J. Talty 1998-12-31
Provides an advanced level of study of industrial hygiene

engineering situations with emphasis on the control of exposure to occupational health hazards. Primary attention is given to ventilation, noise and vibration control, heat stress and industrial illumination. Other topics include industrial water quality, solid waste control, handling and storage of hazardous materials, personal protective equipment, and costs of industrial hygiene control.

Introduction to Chemical Engineering - Uche P. Nnaji
2019-10-08

The field of chemical engineering is undergoing a global “renaissance,” with new processes, equipment, and sources changing literally every day. It is a dynamic, important area of study and the basis for some of the most lucrative and integral fields of science. Introduction to Chemical Engineering offers a comprehensive overview of the concept, principles and applications of chemical engineering. It explains the distinct chemical engineering knowledge which gave rise to a general-purpose technology and broadest engineering field. The book serves as a conduit between college education and the real-world chemical engineering practice. It answers many questions students and young engineers often ask which include: How is what I studied in the classroom being applied in the industrial setting? What steps do I need to take to become a professional chemical engineer? What are the career diversities in chemical engineering and the engineering knowledge required? How is chemical engineering design done in real-world? What are the chemical engineering computer tools and their applications? What are the prospects, present and future challenges of chemical engineering? And so on. It also provides the information new chemical engineering hires would need to excel and cross the critical novice engineer stage of their career. It is expected that this book will enhance students understanding and performance in the field and the development of the profession worldwide. Whether a new-hire engineer or a veteran in the field,

this is a must—have volume for any chemical engineer’s library.
NBS Special Publication - 1968

The Nigerian Institution of Civil Engineers (a Division of the Nigerian Society of Engineers) 5th September Lecture Titled Strategies for Enhancing the Engineering Profession
- C. O. Orangun 2003

FIDIC User's Guide - Brian W. Totterdill 2001

Guides to the FIDIC contract traditionally have been geared towards highlighting the legal aspects of claims arising from the contract. This text focuses on the practical administration of the contract recognizing the growing tendency for projects to be administered by local employers, consultants and contractors, rather than by international organizations.

Supplemental Appropriation and Rescission Bill, 1981 - United States. Congress. House. Committee on Appropriations 1981

Measurement and Experimentation in Software Engineering - Bill Curtis 1980

The contributions of measurement and experimentation to the state-of-the-art in software engineering are reviewed. The role of measurement in developing theoretical models is discussed, and concerns for reliability and validity are stressed. Current approaches to measuring software characteristics are presented as examples. In particular, software complexity metrics related to control flow, module interconnectedness, and Halstead's Software Science are critiqued. The use of experimental methods in evaluating cause effect relationships is also discussed. Example programs of experimental research which investigated conditional statements and control flow are reviewed. The conclusion argues that advances in software engineering will be related to improvements in the measurement and experimental evaluation of software techniques and practices. (Author).

Control Systems Safety Evaluation and Reliability - William M. Goble 1998

Re-engineering Manufacturing for Sustainability - Andrew Y. C. Nee 2013-04-08

This edited volume presents the proceedings of the 20th CIRP LCE Conference, which cover various areas in life cycle engineering such as life cycle design, end-of-life management, manufacturing processes, manufacturing systems, methods and tools for sustainability, social sustainability, supply chain management, remanufacturing, etc.

Practical Guide to Engineering and Construction Contracts - Philip Loots 2009

This hard cover book offers a concise, practical guide to the law relating to construction contracts in Australia. Written for engineers negotiating and administering construction contracts, it aims to assist readers in understanding the risks associated with these contracts and how to minimise them. The book is written by two experienced and respected authors who have a unique combination of local and international practical experience and professional and academic background in law and engineering. Oxford University Press Australia & New Zealand is the non-exclusive distributor of this title.

A Wake-Up Call! - V. I. Umenyiora 2017-03-22

A Wake-Up Call! was written by V. I. Umenyiora "because we have political problems in Nigeria and indeed Africa. My Heads of State from 1980 on made a public pronouncement inviting Nigerians home and abroad to submit solutions they consider will help solve some, if not all of the problems. I succeeded in this because they are using parts of the solutions I submitted in my previous books." Following are some of the major solutions the author proposed: In his first publication, Nigeria – survival or disintegration! (ISBN 978-2335-28-2, 1988) you'll find: - Option A-4 taken verbatim from the pages; he recommended need for

finger/ name-reader machines for use to simplify the exercise, which is in use now in Nigeria. He also proposed a need for a "National Orientation programme" for Nigeria to be installed in 1992; civil service reform or strengthening to serve the political parties irrespective of which one is in power in the country; the need for recapitalisation of banks to help business organisations raise adequate funding for their enterprises to cushion the effect of SAP, which not only debased the local currency but truncated all capital investments economically by the citizens! He also proposed the need to curb corruption, including an asset detection mechanism for Nigeria to help politicians/public servants in declaration of assets as required by the Constitution. It was pointed out there was a need for a "common-pool" approach in 1988-1989 and 1993, and in particular on the 4th June 2015 correspondence to the president against corruption. The author points out that banking reform, government corruption, affordable housing, infrastructure repair, and environmental concerns are only some of the problems being faced in Nigeria. This is the Challenge to What You Can Do for Your Country!

World Bank Assisted Community-Based Poverty Reduction Project (CPRP) - 2006

Improving Diagnosis in Health Care - National Academies of Sciences, Engineering, and Medicine 2016-01-29

Getting the right diagnosis is a key aspect of health care - it provides an explanation of a patient's health problem and informs subsequent health care decisions. The diagnostic process is a complex, collaborative activity that involves clinical reasoning and information gathering to determine a patient's health problem. According to Improving Diagnosis in Health Care, diagnostic errors-inaccurate or delayed diagnoses-persist throughout all settings of care and continue to harm an unacceptable number of patients. It is likely that most people will

experience at least one diagnostic error in their lifetime, sometimes with devastating consequences. Diagnostic errors may cause harm to patients by preventing or delaying appropriate treatment, providing unnecessary or harmful treatment, or resulting in psychological or financial repercussions. The committee concluded that improving the diagnostic process is not only possible, but also represents a moral, professional, and public health imperative. Improving Diagnosis in Health Care, a continuation of the landmark Institute of Medicine reports To Err Is Human (2000) and Crossing the Quality Chasm (2001), finds that diagnosis—and, in particular, the occurrence of diagnostic errors—has been largely unappreciated in efforts to improve the quality and safety of health care. Without a dedicated focus on improving diagnosis, diagnostic errors will likely worsen as the delivery of health care and the diagnostic process continue to increase in complexity. Just as the diagnostic process is a collaborative activity, improving diagnosis will require collaboration and a widespread commitment to change among health care professionals, health care organizations, patients and their families, researchers, and policy makers. The recommendations of Improving Diagnosis in Health Care contribute to the growing momentum for change in this crucial area of health care quality and safety.

Construction Quantity Surveying - Donald Towey 2012-05-18

The modern quantity surveyor (QS) plays a central role in the management of construction projects, although the exact nature of the role depends on who employs the QS. The Professional Quantity Surveyor engaged by the client and the Contractor's Quantity Surveyor have different roles to play in any construction project, with the contractor's QS role extending beyond measurement to the day-to-day running of building projects, estimating, contract administration and construction planning, as well as commercial, cost and project management. This book aims to provide readers with a practical guide into quantity surveying

from a main contractor's perspective. Readers will acquire an understanding of the skills and competencies required by the contractor's quantity surveyor. Following a brief introduction, the book's early chapters cover measurement methodology and the contractor's business, with the rest of the chapters discussing commercial and contractual management of a construction project, including day-to-day running from commencement through to completion, in a highly practical way.

Engineering - Unesco 2010-01-01

This report reviews engineering's importance to human, economic, social and cultural development and in addressing the UN Millennium Development Goals. Engineering tends to be viewed as a national issue, but engineering knowledge, companies, conferences and journals, all demonstrate that it is as international as science. The report reviews the role of engineering in development, and covers issues including poverty reduction, sustainable development, climate change mitigation and adaptation. It presents the various fields of engineering around the world and is intended to identify issues and challenges facing engineering, promote better understanding of engineering and its role, and highlight ways of making engineering more attractive to young people, especially women.--Publisher's description.

Approved Budget - Imo State (Nigeria) 2010

[Publications of the National Institute of Standards and Technology ... Catalog](#) - National Institute of Standards and Technology (U.S.) 1976

[Doing Business in Nigeria](#) - A&E Law Partnership 2017-11-28

This handbook is a product of the challenges experienced by potential investors in Nigeria. The key challenge we have witnessed is that there is a gap in accessing relevant information and resource material in key sectors of the country. Access to

reference guides is most important, particularly to foreign investors who require an understanding of the sectors they want to invest in prior to coming into the country. This handbook is therefore intended to serve as a resource material and a reference guide to investors, businessmen and women, Chambers of Commerce, legal practitioners, and anyone interested in knowing the requirements for participation in any of the listed sectors in Nigeria. The handbook makes reference to Nigerian legislation and the relevant sections of the law on permit and licensing requirements within the listed sectors. This handbook covers the major sectors with attractive investment appeals, and thus, it takes account of a broad spectrum of the sectors in country, such as insurance; aviation; taxation; electronic money transfer/payment systems; registration of courier services and clearing and forwarding agents; maritime, including registration of ships; energy/power; solid minerals; oil and gas, including issues bordering on local content development; entertainment; licensing and censorship; radio; sound; television; cable or satellite station; intellectual property, specifically, the registration of trademark, patents, copyrights, and designs. There's also telecommunication licenses; environmental standards and regulations that impact upon operating a business in Nigeria; immigration, including obtaining expatriate quotas; residence permits; and licensing and regulation of private guard companies in Nigeria, etc. It must be pointed out that the handbook does not intend to override or remove the need to consult a legal practitioner with an understanding of the Nigerian legal system when appropriate. Nonetheless, the handbook will provide useful information to its audience.

Civil Engineering Quantities - Ivor H Seeley 2013-12-31

Communities in Action - National Academies of Sciences, Engineering, and Medicine 2017-04-27

In the United States, some populations suffer from far greater

disparities in health than others. Those disparities are caused not only by fundamental differences in health status across segments of the population, but also because of inequities in factors that impact health status, so-called determinants of health. Only part of an individual's health status depends on his or her behavior and choice; community-wide problems like poverty, unemployment, poor education, inadequate housing, poor public transportation, interpersonal violence, and decaying neighborhoods also contribute to health inequities, as well as the historic and ongoing interplay of structures, policies, and norms that shape lives. When these factors are not optimal in a community, it does not mean they are intractable: such inequities can be mitigated by social policies that can shape health in powerful ways. *Communities in Action: Pathways to Health Equity* seeks to delineate the causes of and the solutions to health inequities in the United States. This report focuses on what communities can do to promote health equity, what actions are needed by the many and varied stakeholders that are part of communities or support them, as well as the root causes and structural barriers that need to be overcome.

Supplemental Appropriation Bill, 1956, Hearings Before ... 84-1, on H.R. 7278 - United States. Congress. Senate. Appropriations Committee 1955

Journal of Petroleum Technology - 1991

APAIS 1992: Australian public affairs information service -

IAENG Transactions on Engineering Sciences - Sio-Iong Ao 2014-04-07

Two large international conferences on Advances in Engineering Sciences were held in Hong Kong, March 13-15, 2013, under the International MultiConference of Engineers and Computer Scientists (IMECS 2013), and in London, U.K., 3-5 July, 2013,

under the World Congress on Engineering 2013 (WCE 2013) respectively. IMECS 2013 and WCE 2013 were organized

The Journal of Industrial Engineering - 1966

Vol. 9, no. 5 constitutes the Proceedings of the 9th conference (1958) of the Institute.

Measuring the User Experience - William Albert 2013-05-23

Measuring the User Experience was the first book that focused on how to quantify the user experience. Now in the second edition, the authors include new material on how recent technologies have made it easier and more effective to collect a broader range of data about the user experience. As more UX and web professionals need to justify their design decisions with solid, reliable data, Measuring the User Experience provides the quantitative analysis training that these professionals need. The second edition presents new metrics such as emotional engagement, personas, keystroke analysis, and net promoter score. It also examines how new technologies coming from neuro-marketing and online market research can refine user experience measurement, helping usability and user experience practitioners make business cases to stakeholders. The book also contains new research and updated examples, including tips on writing online survey questions, six new case studies, and examples using the most recent version of Excel. Learn which metrics to select for every case, including behavioral, physiological, emotional, aesthetic, gestural, verbal, and physical, as well as more specialized metrics such as eye-tracking and clickstream data. Find a vendor-neutral examination of how to measure the user experience with web sites, digital products, and virtually any other type of product or system. Discover in-depth global case studies showing how organizations have successfully used metrics and the information they revealed. Companion site, www.measuringux.com, includes articles, tools, spreadsheets, presentations, and other resources to help you effectively measure the user experience.

Publications of the National Bureau of Standards ... Catalog - United States. National Bureau of Standards 1975

Structural Engineer's Pocket Book British Standards Edition - Fiona Cobb 2020-12-17

The Structural Engineer's Pocket Book British Standards Edition is the only compilation of all tables, data, facts and formulae needed for scheme design to British Standards by structural engineers in a handy-sized format. Bringing together data from many sources into a compact, affordable pocketbook, it saves valuable time spent tracking down information needed regularly. This second edition is a companion to the more recent Eurocode third edition. Although small in size, this book contains the facts and figures needed for preliminary design whether in the office or on-site. Based on UK conventions, it is split into 14 sections including geotechnics, structural steel, reinforced concrete, masonry and timber, and includes a section on sustainability covering general concepts, materials, actions and targets for structural engineers.

Report on the Implementation of the Community-Based Poverty Reduction (CPRP). - Community-Based Poverty Reduction Project (Nigeria) 2005

Project Management of Complex and Embedded Systems - Kim H. Pries 2008-10-22

There are many books on project management and many on embedded systems, but few address the project management of embedded products from concept to production. Project Management of Complex and Embedded Systems: Ensuring Product Integrity and Program Quality uses proven Project Management methods and elements of IEEE embedded software development techniques, to explain how to deliver a reliable complex system to market. This volume begins with a general discussion of project management, followed by an examination of

the various tools used before a project is underway. The book then delves into the specific project stages: concept, product development, process development, validation of the product and process, and release to production. Finally, post-project stages are explored, including failure reporting, analysis, corrective actions, and product support. The book draws heavily on information from Department of Defense sources as well as systems developed by the Automotive Industry Action Group, General Motors, Chrysler, and Ford to standardize the approach to designing and developing new products. These automotive development and production ideas have universal value, particularly the concept of process and design controls. The authors use these systems to explain project management techniques that can assist developers of any embedded system. The methods explored can be adapted toward mechanical development projects as well. The text includes numerous war

stories offering concrete solutions to problems that might occur in production. Tables and illustrative figures are provided to further clarify the material. Organized sequentially to follow the normal life cycle of a project, this book helps project managers identify challenges before they become problems and resolve those issues that cannot be avoided.

Measurement in Contract Control - Martin Barnes 1977

World Bank Assisted Community-Based Poverty Reduction Project (CPRP) ... Annual Report - Community-Based Poverty Reduction Project (Nigeria) 2005

Report of the Interministerial Teams on the Nation-wide Inspection of Federal Ministry of Water Resources Projects - Sarah Reng Ochekepe 2012