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[Advanced Foundation Engineering](#) Nov 30 2020

[Rock Slope Engineering](#) Mar 15 2022 Rock Slope Engineering covers the investigation, design, excavation and remediation of man-made rock cuts and natural slopes, primarily for civil engineering applications. It presents design information on structural geology, shear strength of rock and ground water, including weathered rock. Slope design methods are discussed for planar, wedge, circular and toppling failures, including seismic design and numerical analysis. Information is also provided on blasting, slope stabilization, movement monitoring and civil engineering applications. This fifth edition has been extensively up-dated, with new chapters on weathered rock, including shear strength in relation to weathering grades, and seismic design of rock slopes for pseudo-static stability and Newmark displacement. It now includes the use of remote sensing techniques such as LiDAR to monitor slope movement and collect structural geology data. The chapter on numerical analysis has been revised with emphasis on civil applications. The book is written for practitioners working in the fields of transportation, energy and industrial development, and undergraduate and graduate level courses in geological engineering.

Computer Systems and Software Engineering: Concepts, Methodologies, Tools, and Applications Sep 28 2020

Professionals in the interdisciplinary field of computer science focus on the design, operation, and maintenance of computational systems and software. Methodologies and tools of engineering are utilized alongside computer applications to develop efficient and precise information databases. Computer Systems and Software Engineering: Concepts, Methodologies, Tools, and Applications is a comprehensive reference source for the latest scholarly material on trends, techniques, and uses of various technology applications and examines the benefits and challenges of these computational developments. Highlighting a range of pertinent topics such as utility computing, computer security, and information systems applications, this multi-volume book is ideally designed for academicians, researchers, students, web designers, software developers, and practitioners interested in computer systems and software engineering.

Creating Wordpress Online Store and Wordpress Online Magazine Oct 22 2022

Creating Wordpress Online Store and Wordpress Online Magazine Nov 23 2022

The objective of this work is to develop a Word Press Online Store with Different Ecommerce Plugins and Themes and Word Press Online Magazine with MH Magazine Theme The work consists of three parts: i.Part I: Building Personal Websie with online shop the sell Ebooks: ii.Part II: Building Ecommerce website with mystile theme and woocommerce plugin iii.Part III: Building Online magazine website with MH-Magazine theme Author: Dr. Hidaia alassouli

Green Engineering Oct 30 2020 This is a primary text project that combines sustainability development with engineering entrepreneurship and design to present a transdisciplinary approach to modern engineering education. The book is distinguished by extensive descriptions of concepts in sustainability, its principles, and its relevance to environment, economy, and society. It can be read by all engineers regardless of their disciplines as well as by engineering students as they would be future designers of products and systems. This book presents a flexible organization of knowledge in various fields, which allows to be used as a text in a number of courses including for example, engineering entrepreneurship and design, engineering innovation and leadership, and sustainability in engineering design

[Finding Value](#) Apr 23 2020 An obvious result of good reliability engineering is the lack of field failures. Connecting your work to the results is not always obvious. In todays lean organizations everyone has to provide tangible value. Yet, if the product is doing well, how do you show your ongoing contribution to the organization? Reliability engineering may increase the cost of a product or recommend expensive product testing. Justifying these expenses is often based on the chance of improved product reliability. It is the quantification of value due to specific reliability engineering actions that enables you to articulate your worth to an organization. This short book explores how to calculate the value of reliability engineering activities. We explore ways to estimate value for use in engineering proposals. We know that a reliable product provides value to the customer, it also is a value to you and your organization. Here you will learn how to connect specific reliability engineering work to the real value created.

WordPress Bible Feb 26 2023 Get the latest word on the biggest self-hosted blogging tool on the market Within a week of the announcement of WordPress 3.0, it had been downloaded over a million times. Now you can get on the bandwagon of this popular open-source blogging tool with WordPress Bible, 2nd Edition. Whether you're a casual blogger or programming pro, this comprehensive guide covers the latest version of WordPress, from the basics through advanced application development. If you want to thoroughly learn WordPress, this is the book you need to succeed. Explores the principles of blogging, marketing, and social media interaction Shows you how to install and maintain WordPress Thoroughly covers WordPress basics, then ramps up to advanced topics Guides you through best security practices as both a user and a developer Helps you enhance your blog's findability in major search engines and create customizable and dynamic themes Author maintains a high-profile blog in the WordPress community, Technosailor.com Tech edited by Mark Jaquith, one of the lead developers of WordPress The WordPress Bible is the only

resource you need to learn WordPress from beginning to end.

Engineering Feb 20 2020 Combining engaging text with captivating images and helpful diagrams, renowned science writer Tom Jackson guides readers through the history of Engineering in the 7th installment of the groundbreaking Ponderables™ series.

Building an ECommerce Website Using WordPress for Beginners Jun 18 2022 This book is written in simple language supported by pictures at every step for better understanding. So any beginner can easily use this book to develop his own eCommerce website using WordPress. All the various steps are explained in detail. Even examples of adding new products has been explained with pictures. The book also explains adding new categories of product to your website.

Object-oriented Software Engineering Apr 16 2022 This book covers the essential knowledge and skills needed by a student who is specializing in software engineering. Readers will learn principles of object orientation, software development, software modeling, software design, requirements analysis, and testing. The use of the Unified Modelling Language to develop software is taught in depth. Many concepts are illustrated using complete examples, with code written in Java. *Building Online Communities with Drupal, phpBB, and WordPress* Feb 14 2022 * Content management, blogging, and online forums are among the most significant online trends today, and Drupal, phpBB, and WordPress are three of the most popular open source applications facilitating these tasks. * The authors have played active roles in project development and community support (Mike Little is actually a Wordpress project co-founder). * Drupal, phpBB, and WordPress are based on the PHP language and MySQL database server, ensuring the widest possible audience.

WordPress 2.7 Complete May 05 2021 Written in a clear, easy-to-read style, the book takes you through the essential tasks required to create a feature-rich blog as quickly as possible. From initial setup to customizing modules, each task is explained in a clear, practical way using an example blog developed through the book. This book is a guide to WordPress for both beginners and those who are slightly more advanced. It's for people who are new to blogging and want to create their own blogs in a simple and straightforward manner, and it's also for people who want to learn how to customize and expand the capabilities of a WordPress web site. It does not require any detailed knowledge of programming or web development, and any IT-confident user will be able to use the book to produce an impressive blog.

Process Engineering Renewal 2 May 25 2020 Process engineering emerged at the beginning of the 20th Century and has become an essential scientific discipline for the matter and energy processing industries. Its success is incontrovertible, with the exponential increase

in techniques and innovations. Rapid advances in new technologies such as artificial intelligence, as well as current societal needs – sustainable development, climate change, renewable energy, the environment – are developments that must be taken into account in industrial renewal. Process Engineering Renewal 2 focuses on research in process engineering, which is partly overshadowed by the sciences that contribute to its development. The external constraints of this interface science must be seen in relation to conservation, sustainable development, global warming, etc., which are linked to current success and the difficulty of taking risks in research.

WordPress Complete Apr 28 2023 Written in a clear, easy-to-read style, the book takes you through the essential tasks required to create a feature-rich blog as quickly as possible. From initial setup to customizing modules, each task is explained in a clear, practical way using an example blog developed through the book. This book is a beginner's guide to WordPress, for people who are new to blogging and want to create their own blogs in a simple and straightforward manner. It does not require any detailed knowledge of programming or web development, and any IT-confident user will be able to use the book to produce an impressive blog.

Standard Handbook for Mechanical Engineers Dec 20 2019

WordPress for Web Developers Dec 24 2022 A complete guide for web designers and developers who want to begin building and administering sites with WordPress.

Software Engineering in the Agile World Aug 20 2022 The first chapter is on software engineering methodologies. Both Waterfall and Agile software engineering methodologies have been discussed in length. Scrum is especially covered extensively as it has become very popular and learning Scrum is essential as it is being used more and more on software projects. The second chapter is on software requirement engineering. After you have gone through this chapter, you will be able to build user stories and other types of software requirement engineering documents. The third chapter is on software project management. Since we learned as to how to create good software requirements in Chapter 2; now we can do project planning activities for these software requirements. The fourth chapter is on software feasibility studies. For each software requirement; we can find out feasible solutions using prototyping techniques which are discussed in this chapter. The fifth chapter is on software high level design. A software product consists of many pieces and understanding it from a higher level is important. Chapter 6 is devoted to learn user interface design. We can learn how to build user interfaces using mock up screens. Chapter 7 is concerned about learning as to how to design and program so that business logic can be implemented. We will learn all object oriented design concepts including class diagrams, object diagrams, sequence diagrams, statechart diagrams etc. Programming concepts like variables, methods, classes and objects are also covered extensively. Chapter 8 is about database design. We will learn about Entity Relationship diagrams and other concepts to

design databases for software products. Chapter 9 is about software testing. We will learn everything about unit, integration, system, and user acceptance testing in this chapter. Chapter 10 is about software maintenance. We will also learn about production instances of software products in this chapter. Chapter 11 is about project execution and conflict management. We will learn about project tracking techniques like Gantt charts for Waterfall projects and burn-down chart for Agile projects. A case study of a live software project is discussed throughout the book to ensure that; hands-on learning happens while learning theory of software engineering.

WordPress Development in Depth Aug 28 2020

Machine Drawing Jul 19 2022 About the Book: Written by three distinguished authors with ample academic and teaching experience, this textbook, meant for diploma and degree students of Mechanical Engineering as well as those preparing for AMIE examination, incorporates the latest st

Wasted in Engineering Mar 27 2023

'Engineering padicha nalla future – If you study engineering, you will have a good future.' This is a claim often repeated to children and teenagers by parents and teachers in many parts of India. But only those who have gone through an engineering college life know that it's not completely true. There is a difference between calling yourself as an engineering graduate and an engineer. India produces millions of engineering graduates like you and me but only very few of us are actual engineers. Many of us just graduate with an engineering degree, with an artistic dream in mind. What do you think is the difference between engineers in many countries around the world and engineers from India? In other countries, if David Pascal studied electrical engineering in college, few years later you can find him working as an electrical engineer. In India, if Ram Krishnamurthy studied electrical engineering, few years later you can find him working in a completely irrelevant field like software coding, banking, photography and even movie directing. This book is not about the few engineering students in your class who love engineering. I don't hate them. In fact, I am very jealous that they study what they love. This book is about the majority of engineering graduates whose lives are wasted in engineering and is intended to tell you why you should make an attempt in pursuing your real passion, instead of being suffocated under the weight of an engineering degree. This is a story of India's Youth. Welcome to India, the land of Wasted Engineers.

Introduction to Basic Manufacturing Processes and Workshop Technology Feb 02 2021

Manufacturing and workshop practices have become important in the industrial environment to produce products for the service of mankind. The basic need is to provide theoretical and practical knowledge of manufacturing processes and workshop technology to all the engineering students. This book covers most of the syllabus of manufacturing processes/technology, workshop technology and workshop practices for engineering (diploma and degree) classes prescribed by different universities and state technical boards.

Rock Slope Engineering Jul 27 2020 This classic handbook deals with the geotechnical problems of rock slope design. It has been written for the non-specialist mining or civil engineer, with worked examples, design charts, coverage of more detailed analytical methods, and of the collection and interpretation of geological and groundwater information and tests for the mechanical properties of rock.

Aquaculture Engineering Apr 04 2021 As aquaculture continues to grow at a rapid pace, understanding the engineering behind aquatic production facilities is of increasing importance for all those working in the industry.

Aquaculture engineering requires knowledge of the many general aspects of engineering such as material technology, building design and construction, mechanical engineering, and environmental engineering. In this comprehensive book now in its second edition, author Odd-Ivar Lekang introduces these principles and demonstrates how such technical knowledge can be applied to aquaculture systems. Review of the first edition: 'Fish farmers and other personnel involved in the aquaculture industry, suppliers to the fish farming business and designers and manufacturers will find this book an invaluable resource. The book will be an important addition to the shelves of all libraries in universities and research institutions where aquaculture, agriculture and environmental sciences are studied and taught.' Aquaculture Europe 'A useful book that, hopefully, will inspire successors that focus more on warm water aquaculture and on large-scale mariculture such as tuna farming.' Cision

Social Media for Engineers and Scientists

May 17 2022 This book explores the rising phenomena of internet-based social networking and discusses the particular challenges faced by engineers and scientists in adapting to this new, content-centric environment. Social networks are both a blessing and a curse to the engineer and scientist. The blessings are apparent: the abundance of free applications and their increasing mobility and transportability. The curse is that creating interesting and compelling content on these user-driven systems is best served by right-brain skills. But most engineers and scientists are left-brain oriented, have generally shunned the right-brain skills like graphic design and creative writing as being indulgent and time wasting. The problem is, those are exactly the skills required to create compelling content. This book will help engineers and scientists re-acquire those right-brain skills and put them to best use in the new world of internet-based social media technologies. The reader will benefit from: * An emphasis on the growing role that social media technology -like Facebook, LinkedIn, Twitter, will play in professions like science and engineering. * The "How to" in understanding the importance of continuous streaming of content over time for both professional presence and for collaborative effort--the key in today's team approach to engineering and science. * The valuable help for quantitative people like engineers and scientists in setting up social media sites, requiring qualitative skills.

Basic Civil Engineering Sep 09 2021

Maintenance Engineering Handbook Jun 06 2021 Stay Up to Date on the Latest Issues in

Maintenance Engineering The most comprehensive resource of its kind, Maintenance Engineering Handbook has long been a staple for engineers, managers, and technicians seeking current advice on everything from tools and techniques to planning and scheduling. This brand-new edition brings you up to date on the most pertinent aspects of identifying and repairing faulty equipment; such dated subjects as sanitation and housekeeping have been removed. Maintenance Engineering Handbook has been advising plant and facility professionals for more than 50 years. Whether you're new to the profession or a practiced veteran, this updated edition is an absolute necessity. New and updated sections include: Belt Drives, provided by the Gates Corporation Repair and Maintenance Cost Estimation Ventilation Fans and Exhaust Systems 10 New Chapters on Maintenance of Mechanical Equipment Inside: • Organization and Management of the Maintenance Function • Maintenance Practices • Engineering and Analysis Tools • Maintenance of Facilities and Equipment • Maintenance of Mechanical Equipment • Maintenance of Electrical Equipment • Instrumentation and Reliability Tools • Lubrication • Maintenance Welding • Chemical Corrosion Control and Cleaning

A Tryst With Hell Jan 13 2022 A delicately wet, yet muscular and stiff object violated my mouth and played with my virgin tongue. One moment, it even tried to rape my throat but it couldn't. I had gotten my life's first kiss ever. My love had found acceptance, by its lady. The suppressed pent up emotions of twenty two years of lust and desire had instantly been melted into pure love. We had bonded like Air and Fire, Yin and Yang, Benevolence and Malevolence, White and Black, Origin and Oblivion. Engineering is aimless without Cigarettes, Back-Papers and One-Night-Stands. This is what Aryan had thought in the very beginning. An unresponsive love affair, college politics and vice filled evenings make Aryan frustrated and tired, real tired. Then he meets Zaps, who soon becomes his best friend. Is Zaps only his best friend or something more than that? Does the definition of life change? A revelation about love, life and friendship, Rediscover Love, Relive your youth and Enlighten yourself about your Tryst With Hell.

Managing Engineering and Technology Oct 10 2021 For courses in Technology Management, Engineering Management, or Introduction to Engineering Technology. Managing Engineering and Technology is designed to teach engineers, scientists, and other technologists the basic management skills they will need to be effective throughout their careers. Visit Morse & Babcock's EM Blog: A Blog for Engineering Management Educators for helpful resources: <http://morseandbabcock.wordpress.com/>

Cloud Computing for Science and Engineering Jan 21 2020 A guide to cloud computing for students, scientists, and engineers, with advice and many hands-on examples. The emergence of powerful, always-on cloud utilities has transformed how consumers interact with information technology, enabling video streaming, intelligent personal assistants, and the sharing of content. Businesses, too, have benefited from

the cloud, outsourcing much of their information technology to cloud services. Science, however, has not fully exploited the advantages of the cloud. Could scientific discovery be accelerated if mundane chores were automated and outsourced to the cloud? Leading computer scientists Ian Foster and Dennis Gannon argue that it can, and in this book offer a guide to cloud computing for students, scientists, and engineers, with advice and many hands-on examples. The book surveys the technology that underpins the cloud, new approaches to technical problems enabled by the cloud, and the concepts required to integrate cloud services into scientific work. It covers managing data in the cloud, and how to program these services; computing in the cloud, from deploying single virtual machines or containers to supporting basic interactive science experiments to gathering clusters of machines to do data analytics; using the cloud as a platform for automating analysis procedures, machine learning, and analyzing streaming data; building your own cloud with open source software; and cloud security. The book is accompanied by a website, Cloud4SciEng.org, that provides a variety of supplementary material, including exercises, lecture slides, and other resources helpful to readers and instructors.

Advanced Concrete Technology Dec 12 2021 Over the past two decades concrete has enjoyed a renewed level of research and testing, resulting in the development of many new types of concrete. Through the use of various additives, production techniques and chemical processes, there is now a great degree of control over the properties of specific concretes for a wide range of applications. New theories, models and testing techniques have also been developed to push the envelope of concrete as a building material. There is no current textbook which brings all of these advancements together in a single volume. This book aims to bridge the gap between the traditional concrete technologies and the emerging state-of-the-art technologies which are gaining wider use.

Pile Design and Construction Practice Jun 25 2020 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

Surface Engineering Mar 03 2021 Surface engineering is considered an important aspect in the reduction of friction and wear. This reference text discusses a wide range of surface engineering technologies along with applications in a comprehensive manner. The book describes various methods in surface engineering technology with a thorough explanation of various aspects of each process that comes under this domain. Apart from an enhanced explanation of the process and its attributes, this book also gives insight into the types of materials, applications, and optimization of surface engineering techniques. It discusses important topics including surface engineering of the functionality of graded materials, materials characterization,

processing of biomaterials, design, surface modification technologies and process control, smart manufacturing, artificial intelligence, and machine learning applications. The book • discusses computational and simulation analyses for better selection of process parameters. • covers optimizations of processes with state-of-the-art technologies. • discusses applications of surface engineering in medical, agricultural, architecture engineering, and allied sectors. • covers processing techniques of biomaterials in surface engineering. The text is useful for senior undergraduate, graduate students, and academic researchers working in diverse areas such as industrial and production engineering, mechanical engineering, materials science, and manufacturing science. It covers a hybrid process for surface modification, modeling techniques, and issues in surface engineering.

Managing Engineering and Technology Jul 07 2021 This volume is designed to teach engineers, scientists, and other technologists the basic management skills they will need to be effective throughout their careers.

Pro WordPress Theme Development Jan 25 2023 Pro WordPress Theme Development is your comprehensive guide to creating advanced WordPress themes. Designed for professional web designers and developers who are comfortable with PHP and WordPress, this book teaches you every aspect of professional theme development. You will learn how to build themes from scratch, how to monetize the themes you create, and how to capitalize on this by creating advanced themes for your clients or selling premium themes. This book builds on your current knowledge of PHP and web development to create a WordPress theme from scratch. It uses a real-world theme example that you can build, to demonstrate each feature in a practical way. It shows you how to take control of WordPress with custom posts types and taxonomies, and covers anatomy and hierarchy, use of the loop, hooks, short codes, plug-ins and much more. WordPress is one of the most successful open-source blogging and content management systems available, and theme development has become a major part of the WordPress ecosystem. Start working with WordPress themes like a pro today with Pro WordPress Theme Development.

Expert Oracle Application Express Mar 23 2020 Expert Oracle Application Express, 2nd Edition is newly updated for APEX 5.0 and brings deep insight from some of the best APEX practitioners in the field today. You'll learn about important features in APEX 5.0, and how those can be applied to make your development work easier and with greater impact on your business. Oracle Application Express (APEX) is an entirely web-based development framework that is built into every edition of Oracle Database. The framework rests upon Oracle's powerful PL/SQL language, enabling power users and developers to rapidly develop applications that easily scale to hundreds, even thousands of concurrent users. APEX has seen meteoric growth and is becoming the tool of choice for ad-hoc application development in the enterprise. The many authors of Expert Oracle Application Express, 2nd Edition build their careers around APEX. They know what it takes to make the product sing—developing

secure applications that can be deployed globally to users inside and outside a large enterprise. The authors come together in this book to share some of their deepest and most powerful insights into solving the difficult problems surrounding globalization, configuration and lifecycle management, and more. New in this edition for APEX 5.0 is coverage of Oracle REST Data Services, map integration, jQuery with APEX, and the new Page Designer. You'll learn about debugging and performance, deep secrets to customizing your application user interface, how to secure applications from intrusion, and about deploying globally in multiple languages. Expert Oracle Application Express, 2nd Edition is truly a book that will move you and your skillset a big step towards the apex of Application Express development. Contains all-new content on Oracle REST Data Services, jQuery in APEX, and map integration Addresses globalization and other concerns of enterprise-level development Shows how to customize APEX for your own application needs

[JavaFX 8: Introduction by Example](#) Nov 11 2021 JavaFX 8: Introduction by Example shows you how to use your existing Java skills to create graphically exciting client applications with the JavaFX 8 platform. The book is a new and much improved edition of JavaFX 2.0: Introduction by Example, taking you through a series of engaging, fun-to-work examples that bring you up to speed on the major facets of the platform. It will help you to create applications that look good, are fun to use, and that take advantage of the medium to present data of all types in ways that engage the user and lead to increased productivity. Entirely example-based, JavaFX 8: Introduction by Example begins with the fundamentals of installing the software and creating a simple interface. From there, you'll move in progressive steps through the process of developing applications using JavaFX's

standard drawing primitives. You'll then explore images, animations, media, and web. This new edition incorporates the changes resulting from the switch to Java 8 SDK. It covers advanced topics such as custom controls, JavaFX 3D, gesture devices, and embedded systems. Best of all, the book is full of working code that you can adapt and extend to all your future projects. Entirely example-based Filled with fun and practical code examples Covers all that's new in Java 8 relating to JavaFX such as Lambda expressions and Streams Covers gesture devices, 3D display, embedded systems, and other advanced topics

Engineering Mathematics-II Sep 21 2022

About the Book: This book Engineering Mathematics-II is designed as a self-contained, comprehensive classroom text for the second semester B.E. Classes of Visveswaraiah Technological University as per the Revised new Syllabus. The topics included are Differential Calculus, Integral Calculus and Vector Integration, Differential Equations and Laplace Transforms. The book is written in a simple way and is accompanied with explanatory figures. All this make the students enjoy the subject while they learn. Inclusion of selected exercises and problems make the book educational in nature. It shou.

3 Surefire Ways to Back Up Your

Wordpress Blog Aug 08 2021 So, you've got this really cool WordPress blog! You're feeling like all is really great. Then, one morning, you find out that it's been hacked! It's gone. What will YOU do? Well, if you've backed it up, then you'll just restore it. Problem solved! Did you know, that it's not AUTOMATICALLY backed up? And that it's NOT easy to back it up? Didn't think so... This is where "3 Surefire Ways to Back Up Your WordPress Blog" comes in. Ron gives you three ways to back up your

WordPress blog. The first one is for non-techies or those who don't want to learn how to do it and describes the important questions to ask of the person who will be backing it up for you. The second one is also for non-techies, but details installation and usage of a way to back it up, restore it, and even clone it to other places in seconds using an off-the-shelf program. The third and final method is for techies or for those on a student budget and are willing to spend some time learning the technical ins and outs of how to do themselves. Don't be caught off-guard with a missing blog tomorrow morning! Wake up with confidence that you will be able to be back on-line in minutes... rather than weeks... if ever!

Engineering Instruction for High-Ability Learners in K-8 Classrooms Jan 01 2021 Engineering Instruction for High-Ability Learners in K-8 Classrooms is an application-based practitioners' guide to applied engineering that is grounded in engineering practices found in the new Next Generation Science Standards (NGSS) and the Standards for Engineering Education. The book provides educators with information and examples on integrating engineering into existing and newly designed curriculum. The book specifies necessary components of engineering curriculum and instruction, recommends appropriate activities to encourage problem solving, creativity, and innovation, and provides examples of innovative technology in engineering curriculum and instruction. Additionally, authors discuss professional development practices to best prepare teachers for engineering instruction and provide recommendations to identify engineering talent among K-8 students. Finally, the book includes a wealth of resources, including sample lesson and assessment plans, to assist educators in integrating engineering into their curriculum and instruction.