The book "Engineering Mathematics" has a purpose to satisfy the need of B.Tech. Students for all semester and meet the requirements of progressive Candidates appearing for GATE & ESE 2020. This book contain seven sections with a major focus on detailing of questions among Linear Algebra, Calculus, Differential Equations, Complex Functions, Probability and Statistics, Numerical Methods, and Transform Theory. The book covers Topic-wise theory with solved examples, Practise questions and Previous Years solved questions of GATE & ESE of various engineering streams, viz. CE, CH, CS, EC, EE, IN, ME. The book provides detailed understanding of mathematical terms by showing mathematical techniques, together with easy and understandable explanations of the thought behind them. The team OnlineVerdan have shown their efforts to bring the thought of candidate with this worthful unique book on e-publication platform. This book showcases cutting-edge research papers from the 6th International Conference on Research into Design (ICoRD 2017) - the largest in India in this area - written by eminent researchers from across the world on design process, technologies, methods and tools, and their impact on innovation, for supporting design for communities. While design traditionally focused on the development of products for the individual, the emerging consensus on working towards a more sustainable world demands greater attention to designing for and with communities, so as to promote their sustenance and harmony - within each community and across communities. The special features of the book are the insights into the product and system innovation process, and the host of methods and tools from all major areas of design research for the enhancement of the innovation process. The main benefit of the book for researchers in various areas of design and innovation are access to the latest quality research in this area, with the largest collection of research from India. For practitioners and educators, it is exposure to an empirically validated suite of theories, models, methods and tools that can be taught and practiced for design-led innovation. The contents of this
A brand new collection of high-value HR techniques, skills, strategies, and metrics... now in a convenient e-format, at a great price! HR management for a new generation: 6 breakthrough eBooks help you improve the effectiveness of every HR message you deliver. Learn how to treat employees as customers... clarify their needs and motivations... leverage the same strategies and tools your company uses to sell products and services... package information for faster, better decision-making... clearly explain benefits, pay, and policies... improve recruiting, orientation, outplacement, and much more. In Investing in People, Second Edition, Wayne Cascio and John W. Boudreau help you use metrics to improve HR decision-making, optimize organizational effectiveness, and increase the value of strategic investments. You'll master powerful solutions for integrating HR with enterprise strategy and budgeting -- and for gaining commitment from business leaders outside HR. In Financial Analysis for HR Managers, Dr. Steven Director teaches the financial analysis skills you need to become a true strategic business partner, and get boardroom and CFO buy-in for your high-priority initiatives. Director covers everything HR pros need to formulate, model, and evaluate HR initiatives from a financial perspective. He walks through crucial financial issues associated with strategic talent management, offering cost-benefit analyses of HR and strategic financial initiatives, and even addressing issues related to total rewards programs. In Applying Advanced Analytics to HR Management Decisions, pioneering HR technology expert James C. Sesil shows how to use advanced analytics and "Big Data" to optimize decisions about performance management, strategy alignment, collaboration, workforce/succession planning, talent acquisition, career development, corporate learning, and more. You'll learn how to integrate business intelligence, ERP, Strategy Maps, Talent Management Suites, and advanced analytics -- and use them together to make far more robust choices. In Compensation and Benefit Design, world-renowned compensation expert Bashker D. Biswas helps you bring financial rigor to compensation and benefit program development. He introduces a powerful Human Resource Life Cycle Model for considering compensation and benefit programs... fully addresses issues related to acquisition, general compensation, equity compensation, and pension accounting... assesses the full financial impact of executive compensation and employee benefit programs... and discusses the unique issues associated with international HR programs. Finally, in People Analytics, Ben Waber helps you discover powerful hidden social "levers" and networks within your company, and tweak them to dramatically improve business performance and employee fulfillment. Drawing on his cutting-edge work at MIT and Harvard, Waber shows how sensors and analytics can give you an unprecedented understanding of how your people work and collaborate, and actionable insights for building a more effective, productive, and positive organization. Whatever your HR role, these 6 eBooks will help you apply today's most advanced innovations and best practices to optimize workplace performance -- and drive unprecedented business value. From world-renowned human resources experts Alison Davis, Jane Shannon, Wayne Cascio, John W. Boudreau, Steven Director, James C. Sesil, Bashker D. Biswas, and Ben Waber. The ninth edition of SUPPLY CHAIN MANAGEMENT: A LOGISTICS PERSPECTIVE refined its focus on the supply chain approach by blending logistics theory with practical applications and includes updated material on the latest technology, transportation regulations, pricing, and other issues. Each chapter opens with Supply Chain Profiles vignettes introducing students to real-world companies, people, and events. New and updated On the Line boxed features are applied examples providing students with hands-on managerial experience of the chapter's topics. Supply Chain Technology boxes appear throughout the text, helping students relate technological developments to supply chain management concepts and logistics practices while taking in consideration global changes. Short Cases at the end of each chapter are...
updated and build on what students have learned in the chapter. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Sudoku Puzzle 16X16 Volume 4 EBook contains total of 114 puzzles organized at 5 different difficulty levels (1-5) with all of their solutions. The instruction to play both in English and Spanish. This book was designed for more advanced sudoku players. Each individual puzzle has a single unique solution based on logical strategies and no "guessing" or "Trial & Error" are required. Please note that this is a DRM FREE EPUB format EBook and you should be able to print your puzzles or solve them on any device that allows drawing or typing text over an image (EXAMPLE: Paint Application with the *.JPEG, *.GIF, *.PNG image) and it is not an interactive game. Peter DeJong and Insoo Kim Berg's INTERVIEWING FOR SOLUTIONS features a proven, solutions-oriented approach to basic interviewing that views clients as competent, helps them to visualize the changes they want, and builds on what they are already doing that works. Throughout the book, the authors present models for solution-focused work, illustrated by examples and supported by research. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. This book describes the concept of a Software Defined Mobile Network (SDMN), which will impact the network architecture of current LTE (3GPP) networks. SDN will also open up new opportunities for traffic, resource and mobility management, as well as impose new challenges on network security. Therefore, the book addresses the main affected areas such as traffic, resource and mobility management, virtualized traffics transportation, network management, network security and techno economic concepts. Moreover, a complete introduction to SDN and SDMN concepts. Furthermore, the reader will be introduced to cutting-edge knowledge in areas such as network virtualization, as well as SDN concepts relevant to next generation mobile networks. Finally, by the end of the book the reader will be familiar with the feasibility and opportunities of SDMN concepts, and will be able to evaluate the limits of performance and scalability of these new technologies while applying them to mobile broadb and networks. The MODELS series of conferences is the premier venue for the exchange of - novative technical ideas and experiences focusing on a very important new te- nical discipline: model-driven software and systems engineering. The expansion ofthisdisciplineisas direct consequenceoftheincreasingssigni?canceandsuccess of model-based methods in practice. Numerous e?orts resulted in the invention of concepts, languagesand tools for the de?nition, analysis,transformation, and veri?cationofdomain- speci?cmodelinglanguagesandgeneral-purposemodeling language standards, as well as their use for software and systems engineering. MODELS 2010, the 13th edition of the conference series, took place in Oslo, Norway, October 3-8, 2010, along with numerous satellite workshops, symposia and tutorials. The conference was fortunate to have three prominent keynote speakers: Ole Lehrmann Madsen (Aarhus University, Denmark), Edward A. Lee (UC Berkeley, USA) and Pamela Zave (AT&T Laboratories, USA). To provide a broader forum for reporting on scienti?c progress as well as on experience stemming from practical applications of model-based methods, the 2010 conference accepted submissions in two distinct tracks: Foundations and Applications. The primary objective of the ?rst track is to present new research results dedicated to advancing the state-of-the-art of the discipline, whereas the second aims to provide a realistic and veri?able picture of the current state-- the-practice of model-based engineering, so that the broader community could be better informed of the capabilities and successes of this relatively young discipline. This volume contains the ?nal version of the papers accepted for presentation at the conference from both tracks. Complex systems is a new field of science studying how parts of a system give rise to the collective behaviors of the system, and how the system interacts with its environment. This book examines the complex systems involved in environmental sustainability, and examines the technologies involved to help mitigate human impacts, such as renewable energy, desalination, carbon capture, recycling, etc. It considers the relationships and balance between environmental engineering and science, economics, and human activity, with regard to sustainability. This latest Fifth Assessment Report of the IPCC will again form the standard reference for all those concerned with climate change and its consequences. Important Notice: Media content referenced within
the product description or the product text may not be available in the ebook version. The book is a collection of high-quality peer-reviewed research papers presented in International Conference on Soft Computing Systems (ICSCS 2015) held at Noorul Islam Centre for Higher Education, Chennai, India. These research papers provide the latest developments in the emerging areas of Soft Computing in Engineering and Technology. The book is organized in two volumes and discusses a wide variety of industrial, engineering and scientific applications of the emerging techniques. It presents invited papers from the inventors/originators of new applications and advanced technologies. • first to completely cover all question-types since 1996 • first to expose all “trick” questions • first to make available full set of step-by-step solution approaches • first to provide examination reports revealing common mistakes & wrong habits • easy-to-implement check-back procedure • first to give short side-reading notes • advanced trade book • complete edition eBook available • Books available for other subjects including Physics, Chemistry, Biology, Mathematics, Economics, English • Primary level, Secondary level, GCE O-level, GCE A-level, iGCSE, Cambridge A-level, Hong Kong DSE • visit www.yellowreef.com for sample chapters and more Climate change has been identified as one of the greatest threats to humanity of all times. In addition to producing adverse environmental conditions such as rising sea level, drought, crop failure, vector-borne diseases, extreme events, degradation of water/air quality and heat waves, climate change is also considered a threat multiplier that leads to local and international conflicts and armed interventions. Urban areas may bear the brunt of climate change, as they are the centers of human habitation, anthropogenic stressors and environmental degradation, and the ensuing health impacts are of grave societal concern. The papers in this volume span a suite of climate change repercussions, paying particular attention to national security and human health aspects. It is an outcome of a NATO Advanced Research Workshop held during April 28-30, 2011 in Dubrovnik, Croatia, sponsored by the NATO Science for Peace and Security Program. The contributions cut across the elements of modeling, natural, political and social sciences, engineering, politics, military intervention, urban planning, industrial activities, epidemiology and healthcare. COLLEGE ALGEBRA WITH APPLICATIONS FOR BUSINESS AND LIFE SCIENCES, Second Edition, meets the demand for courses that emphasize problem solving, modeling, and real-world applications for business and the life sciences. The authors provide a firm foundation in algebraic concepts, and prompt students to apply their understanding to relevant examples and applications they are likely to encounter in college or in their careers. The program addresses the needs of students at all levels--and in particular those who may have struggled in previous algebra courses--offering an abundance of examples and exercises that reinforce concepts and make learning more dynamic. The early introduction of functions in Chapter 1 ensures compatibility with syllabi and provides a framework for student learning. Instructors can also opt to use graphing technology as a tool for problem solving and for review or retention. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Updated guidance on how to take advantage of the newest features of SharePoint programmability More than simply a portal, SharePoint is Microsoft's popular content management solution for building intranets and websites or hosting wikis and blogs. Offering broad coverage on all aspects of development for the SharePoint platform, this comprehensive book shows you exactly what SharePoint does, how to build solutions, and what features are accessible within SharePoint. Written by a team of SharePoint experts, this new edition offers an extensive selection of field-tested best practices that shows you how to leverage the vast power of this multi-faceted tool to build custom workflow and content management applications. Plus, you'll discover how to take advantage of the new features to roll out new SharePoint sites or upgrade existing sites. Keeps you thoroughly up to date on all the most recent changes to SharePoint 2010 Reveals broad and deep coverage of social media features, content management applications, enterprise search, business connectivity services, user experience development, and custom workflow

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Professional SharePoint 2010 Development, Second Edition presents you with authoritative coverage on all aspects of development for the SharePoint platform. "The Second Edition of Security Strategies in Linux Platforms and Applications opens with a discussion of risks, threats, and vulnerabilities. Part 2 discusses how to take advantage of the layers of security and the modules associated with AppArmor and SELinux. Part 3 looks at the use of open source and proprietary tools when building a layered sec Discover how to take advantage of the many new features in SharePoint 2010 SharePoint 2010 is a significant leap forward from the 2007 release, and you will find that there are a ton of features built into the platform for you to leverage in your solution development. Because SharePoint is a broad platform that covers a lot, this book also covers quite a bit of ground. As a Wrox Beginning book, the goal of Beginning SharePoint 2010 Development is to get you started with many of the fundamentals so that you can continue on to advanced programming beyond this book. In this book, you will see coverage of the following: Getting started with development for SharePoint 2010 Becoming familiar with tools that you will use to develop for SharePoint Becoming familiar with common SharePoint development tasks Programming against lists and developing custom Web parts Integrating line-of-business (LOB) data with SharePoint and Microsoft Office Integrating Silverlight and SharePoint Creating service-oriented solutions for SharePoint Integrating SharePoint and Microsoft Office Security fundamentals in SharePoint This book will not cover SharePoint 2007, but will cover areas that span SharePoint Foundation 2010 and SharePoint Server 2010. The book's goal is to quickly take you from the basics of SharePoint, to installing and configuring a development environment, and then into how you can develop for SharePoint. The book is heavy on coding exercises, but tries to stick to a common set of .NET patterns to ensure you walk away with understanding the different ways in which you can code for SharePoint. Moving from beginning to advanced means that you can expect the walkthroughs and chapters to become increasingly more complex within each chapter and throughout the book. The walkthroughs have been created to be concise and to guide you through all of the steps you must accomplish to complete a coding task. The structure of the book mimics the development ramp-up cycle for SharePoint. That is, you must first understand the breadth of the SharePoint platform. You then install it and the development environment; and then you begin to code - simple at first, but tasks that grow increasingly more complex. You will find that when coding against SharePoint, you may do certain things more (such as programming against lists and creating custom Web Parts). As such, these topics are covered in Part II of the book. Also, you may find that, as you advance in your SharePoint development, you will need to incorporate either Silverlight or Web services in your SharePoint solutions. Because you would likely combine these types of tasks inside of a custom Web Part, list-based application, or event receiver, these were placed in Part III of the book. Beginning SharePoint 2010 Development is aimed at the developer who is new to SharePoint. The book assumes you have some programming experience and a passion to learn how to develop for SharePoint. But this book does not assume that you've programmed against SharePoint before. With regard to your general development background, the two assumptions in this book are that you have some familiarity with Web development, and you have an understanding of .NET programming. With regard to Web development, this book assumes that you understand HTML, and may have an understanding of Cascading Style Sheets (CSS), Extensible Markup Language/Extensible Stylesheet Language (XML/XSL), and dynamic languages such as JavaScript. You may have a light understanding of ASP.NET and are looking to apply this knowledge to the SharePoint space. In any case, you have some understanding of the fundamentals of Web and .NET development, and are looking to apply those to the SharePoint space. This book summarizes the “interim result” of the servitization activities in manufacturing industries. While the early literature on servitization tended to stress only its advantages, more recently, scholars have also started to refer to the challenges associated with servitization. This book attempts to give a balanced picture of servitization. The book is structured in four parts: Part I introduces the topic by presenting the most recent academic discussion about servitization and uses an empirical analysis to show the degree of servitization across Europe. The results of this analysis are then compared to the discussion in the literature. This comparison highlights

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the existing discrepancies between the rather euphoric literature and the more skeptical practical experience. The second and third parts attempt to explain these discrepancies by taking as a starting point the assumption that servitization recommendations have to consider the heterogeneity of the manufacturing sector and the capabilities of the provider. Part II presents articles which analyze the specific characteristics of different sectors with their barriers and potentials and presents frameworks for a successful servitization of the core sectors in European manufacturing industries which include, e.g. aeronautics, automotive, ICT, chemical industries, pulp and paper industries and different engineering sectors. Part III focuses on companies’ capabilities which are necessary for successful servitization. These include strategic management, marketing, organization, innovation, engineering, human resources, controlling, quality and networks. All the contributions in parts II and III add up to a detailed picture of servitization for sectors and functions and indicate the practical implications for enterprises in manufacturing industries. The fourth part concludes the book with a chapter summarizing the findings and giving an outlook of servitization in manufacturing industries, its challenges and future developments. The numerical analysis of stochastic differential equations (SDEs) differs significantly from that of ordinary differential equations. This book provides an easily accessible introduction to SDEs, their applications and the numerical methods to solve such equations. From the reviews: “The authors draw upon their own research and experiences in obviously many disciplines... considerable time has obviously been spent writing this in the simplest language possible.” --ZAMP Despite the development of environmental initiatives, healthcare, and cultural assimilation in today’s global market, significant problems in these areas remain throughout various regions of the world. As countries continue to transition into the modern age, areas across Asia and Africa have begun implementing modern solutions in order to benefit their individual societies and keep pace with the surrounding world. Significant research is needed in order to understand current issues that persist across the globe and what is being done to solve them. Global Issues and Innovative Solutions in Healthcare, Culture, and the Environment is an essential reference source that discusses worldwide conflicts within healthcare and environmental development as well as modern resolutions that are being implemented. Featuring research on topics such as health insurance reform, sanitation development, and cultural freedom, this book is ideally designed for researchers, policymakers, physicians, government officials, sociologists, environmentalists, anthropologists, academicians, practitioners, and students seeking coverage on global societal challenges in the modern age. Social justice language teacher education conceptualizes language teacher education as responding to social and societal inequities that result in unequal access to educational and life opportunities. In this volume authors articulate a global view of Social Justice Language Teacher Education, with authors from 7 countries offering a theorized account of their situated practices. Civil Engineering Topics, Volume 4 Proceedings of the 29th IMAC, A Conference and Exposition on Structural Dynamics, 2011, the fourth volume of six from the Conference, brings together 35 contributions to this important area of research and engineering. The collection presents early findings and case studies on fundamental and applied aspects of Civil Engineering, including Operational Modal Analysis, Dynamic Behaviors and Structural Health Monitoring. This book provides a fresh take on Microsoft’s premier collaboration solution. A critical resource if you’re developing on the SharePoint platform, this book features a complete focus on the new features and capabilities of SharePoint 2010. Through a thorough treatment of sites, web parts, data management, portal solutions, and business intelligence capabilities, you’ll appreciate author Sahil Malik’s concise yet highly readable text. With this book, you’ll gain intermediate-level guidance for designing and deploying exciting business solutions based on Microsoft SharePoint 2010. This volume includes a selection of papers presented at the IAG international symposium “Gravity, Geoid and Height Systems 2012” (GGHS2012), which was organized by IAG Commission 2 “Gravity Field” with the assistance of the International Gravity Field Service (IGFS) and GGOS Theme 1 “Unified Global Height System”. The book summarizes the latest results on gravimetry and gravity networks, global gravity field modeling and applications, future gravity field missions. It provides a detailed compilation on advances in precise local and regional high-resolution geoid modeling, the
establishment and unification of vertical reference systems, contributions to gravity field and mass transport modeling as well as articles on the
gravity field of planetary bodies. This open access book presents how Open Science is a powerful tool to boost Higher Education. The book introduces
the reader into Open Access, Open Technology, Open Data, Open Research results, Open Licensing, Open Accreditation, Open Certification, Open
Policy and, of course, Open Educational Resources. It brings all these key topics from major players in the field; experts that present the current
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recurrent and long-standing problems in Higher Education. Every chapter presents a clear view and a related solution to make Higher Education
progress and implement tools and strategies to improve the user’s performance and learning experience. This book is part of a trilogy with
companion volumes on Radical Solutions & Learning Analytics and Radical Solutions & eLearning. “Great retailers are great at service. No
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retailing." --Christian Grönroos, Professor of Service and Relationship Marketing, CERS Centre for Relationship Marketing and Service Management,
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world, this comprehensive book offers rich insights for how retailers can excel and achieve sustainable competitive advantage by invoking and
implementing service management principles. This enlightening book is a valuable resource for students, researchers and practitioners with an
interest in retailing." --A. "Parsu" Parasuraman, Professor of Marketing & The James W. McLamore Chair, School of Business Administration,
University of Miami Coral Gables, Florida "Service excellence and service innovation are critical for success in today's competitive retail
marketplace. Service Management: The New Paradigm in Retailing provides a contemporary and transformative lens for accomplishing these
essential goals." --Mary Jo Bitner, Professor, Director Center for Services Leadership, W.P. Carey School of Business, Arizona State University

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