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Augmenting Customer Experience with SharePoint Online - Charles Waghmare 2019-12-17
Build, enrich, and transform customer experience using SharePoint Online. This book will discuss different SharePoint Online approaches that you can use to enhance customer experience, including digital portals, enterprise content management, Microsoft Teams and much more. Augmenting Customer Experience with SharePoint Online starts with an introduction to SharePoint Online features you can adopt to create better digital customer experience and transformation. Next, you will learn about augmentation for user and customer experience followed by guidelines and methods to develop smart and intelligent portals. Moving forward, you will cover enterprise and web content management in detail along with the challenges and benefits of using SharePoint Online. The partner ecosystem is discussed next with a detailed discussion on working with suppliers, partners, and vendors. Along the way, you will see how to create smart solutions using SharePoint Online and how to manage customer references. Finally, you will go through the use of SharePoint Online in different business sectors with the help of

case studies. After reading the book, you will be able to adopt SharePoint Online features to augment customer and user experience. What You Will Learn Augment customer experience Create smart and intelligent portals for various business needs Efficiently manage enterprise and web content Enhance your partner ecosystem for better collaboration Build SharePoint Online solutions Who This Book Is For Anyone wanting to adopt SharePoint Online to develop portals, content management systems, knowledge hubs, reference captures, or online foundries.
Higher Education in the Era of the Fourth Industrial Revolution - Nancy W. Gleason 2018-06-21
This open access collection examines how higher education responds to the demands of the automation economy and the fourth industrial revolution. Considering significant trends in how people are learning, coupled with the ways in which different higher education institutions and education stakeholders are implementing adaptations, it looks at new programs and technological advances that are changing how and why we teach and learn. The book addresses trends in liberal arts integration of STEM innovations, the changing role of libraries in the

digital age, global trends in youth mobility, and the development of lifelong learning programs. This is coupled with case study assessments of the various ways China, Singapore, South Africa and Costa Rica are preparing their populations for significant shifts in labour market demands – shifts that are already underway. Offering examples of new frameworks in which collaboration between government, industry, and higher education institutions can prevent lagging behind in this fast changing environment, this book is a key read for anyone wanting to understand how the world should respond to the radical technological shifts underway on the frontline of higher education.

Warehouse Management - Michael Hompel 2006-11-02
This book helps readers evaluate and specificy the best Warehouse Management System (WMS) for their need. The advice is based on practical knowledge, describing in detail fundamental processes and technologies needed for a basic understanding. New approaches in the structure and design of WMS are presented, along with discussion of the limitations of current systems. The book shows how to operate a simple WMS based on the open-source initiative myWMS.

Bontrager's Textbook of Radiographic Positioning and Related Anatomy - E-Book - John Lampignano 2020-09-13
Get the information and guidance you need to become proficient in positioning with Bontrager's Textbook of Radiographic Positioning and Related Anatomy, 10th Edition. With a very easy-to-follow organization, this comprehensive text focuses on nearly 200 of the most commonly requested projections to ensure you master what's expected of an entry-level practitioner. And with Bontrager's user-friendly format featuring one projection per page — with bulleted information on the left side of the page and positioning photos, radiographic images, and anatomical drawings aligned on the right — you'll be able to quickly and easily visualize anatomy and master positioning. Labeled radiographs (radiographic overlays) identify key radiographic anatomy and landmarks to help students recognize anatomy and determine if they have captured the correct diagnostic information on images. Positioning chapters organized with one projection per page present a manageable amount of information in an easily accessible format. Unique page layout with positioning photos, radiographic images, and radiographic overlays is presented side-by-side with the text explanation of each procedure to facilitate comprehension and retention. Clinical Indications features list and define pathologies most likely to be encountered during procedures to help students understand the whole patient and improve their ability to produce radiographs that make diagnosis easy for the physician. Evaluation Criteria content on positioning pages describes the evaluation/critique process that should be completed for each radiographic image. Pediatric, Geriatric, and Bariatric Patient Considerations are provided to prepare technologists to accommodate unique patient needs. Emphasis on radiation safety practices provides recommendations important for clinical practice. NEW! Updated photographs visually demonstrate the latest digital technology used in radiography with new radiographs, positioning, and equipment images. UPDATED! The latest ARRT competencies and ASRT curriculum guidelines are incorporated to prepare students for boards and clinical practice. NEW! Erect positions have been added throughout the text to reflect current practice. NEW! New Bernageau and Zanca projections have been included to keep students on top of these projections performed for shoulder pathology and trauma. UPDATED! Critique section at the end of chapters tests students' understanding of common positioning and technical errors found in radiographs. Answer keys are provided for instructors on the Evolve website. NEW! Information on pain management, blocks, and epidurals has been added to the Trauma, Mobile, and Surgical Radiography chapter. UPDATED! Expanded content on fluoroscopy has been included to keep students up to date on the latest information.

Clinical Laboratory Diagnostics - Lothar Thomas 1998-01-01

Site Selection - 1994

InfoWorld - 1994-07-04
InfoWorld is targeted to Senior IT professionals. Content is segmented

into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

BIM Handbook - Rafael Sacks 2018-07-03
Discover BIM: A better way to build better buildings Building Information Modeling (BIM) offers a novel approach to design, construction, and facility management in which a digital representation of the building product and process is used to facilitate the exchange and interoperability of information in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. The BIM Handbook, Third Edition provides an in-depth understanding of BIM technologies, the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team. Updates to this edition include: Information on the ways in which professionals should use BIM to gain maximum value New topics such as collaborative working, national and major construction clients, BIM standards and guides A discussion on how various professional roles have expanded through the widespread use and the new avenues of BIM practices and services A wealth of new case studies that clearly illustrate exactly how BIM is applied in a wide variety of conditions Painting a colorful and thorough picture of the state of the art in building information modeling, the BIM Handbook, Third Edition guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.

New International Dictionary of Acronyms in Library and Information Science and Related Fields - Henryk Sawoniak 1994
The New International Dictionary of Acronyms in Library and Information Science and Related Fields records over 35,000 acronyms from 145 countries in 34 languages. Covered are all aspects of library and information science and related fields such as archive management, reprography and computer science, publishing and printing, journalism and management, to name but a few. It includes acronyms for

institutions, associations and societies and the titles of publications, specialist journals, bibliographies and many other information sources.

Orchestration of Learning Environments in the Digital World - Dirk Ifenthaler 2022
This volume focuses on the implications of digital technologies for educators and educational decision makers that are not widely represented in the literature. The chapters contained in the volume are based on the presentations at the 2020 edition of the CELDA conference and cover multiple developments in the field such as deploying learning technologies, proposing pedagogical approaches and practices to address digital transformation, and presenting case studies of specific technologies and contexts. The chapters form a lively debate and provide a comprehensive analysis of the contribution of learning technologies designed to improve the learning process and the experience of the students as well as to develop key competences.

InfoWorld - 1988-12-19
InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

Imaging in Oncology - Michael A. Blake 2008-03-23
This pertinently illustrated and well referenced text serves as an up-to-date, attractive book of oncologic imaging for radiologists, oncologists, radiation therapists and others involved in oncologic care. This volume, with chapter contributions from world-renowned experts, provides clinical and research information that underpins accurate interpretation and sensible use of cancer imaging. The book also highlights new developments and advances in oncologic imaging.

The New Grand Strategy - Mark Mykleby 2016-06-14
"Reimagines the American dream and provides a bipartisan plan to recapture the greatness of the past through addressing important economic, social and environmental issues by making sustainability our country's new strategic imperative, "--NoveList.

Hybrid Learning and Continuing Education - Simon K.S. Cheung 2013-08-13

This book constitutes the refereed proceedings of the 6th International Conference on Hybrid Learning, ICHL 2013, held in Toronto, ON, Canada, in August 2013. The 35 papers presented in this volume were carefully reviewed and selected from numerous submissions. The selected articles broadly cover topics on hybrid learning and continuing education, including computer supported collaborative learning, experiences in hybrid learning, pedagogical and psychological issues, e-learning and mobile learning, open education resources and open online courses, and issues in hybrid learning and continuing education.

Mind Technologies - Raymond George Siemens 2006
The computer-assisted tools, methodologies and structures through which those in the arts and humanities pursue their disciplines - the humanities 'mind technologies' - have come increasingly to the forefront in recent years. Arising in part from recent meetings between the Consortium for Computing in the Humanities (COCH/COSH) and the Social Sciences and Humanities Research Council of Canada (SSHRC), the volume is the first to document the internationally significant work of the Canadian academic community in this area. Addressing issues of funding, research and innovation, these articles foc.

e-Design - Kuang-Hua Chang 2016-02-23
e-Design: Computer-Aided Engineering Design, Revised First Edition is the first book to integrate a discussion of computer design tools throughout the design process. Through the use of this book, the reader will understand basic design principles and all-digital design paradigms, the CAD/CAE/CAM tools available for various design related tasks, how to put an integrated system together to conduct All-Digital Design (ADD), industrial practices in employing ADD, and tools for product development. Comprehensive coverage of essential elements for understanding and practicing the e-Design paradigm in support of product design, including design method and process, and computer based tools and technology Part I: Product Design Modeling discusses virtual mockup of the product created in the CAD environment, including not only solid modeling and assembly theories, but also the critical design parameterization that converts the product solid model into parametric representation, enabling the search for better design alternatives Part II: Product Performance Evaluation focuses on applying CAE technologies and software tools to support evaluation of product performance, including structural analysis, fatigue and fracture, rigid body kinematics and dynamics, and failure probability prediction and reliability analysis Part III: Product Manufacturing and Cost Estimating introduces CAM technology to support manufacturing simulations and process planning, sheet forming simulation, RP technology and computer numerical control (CNC) machining for fast product prototyping, as well as manufacturing cost estimate that can be incorporated into product cost calculations Part IV: Design Theory and Methods discusses modern decision-making theory and the application of the theory to engineering design, introduces the mainstream design optimization methods for both single and multi-objectives problems through both batch and interactive design modes, and provides a brief discussion on sensitivity analysis, which is essential for designs using gradient-based approaches Tutorial lessons and case studies are offered for readers to gain hands-on experiences in practicing e-Design paradigm using two suites of engineering software: Pro/ENGINEER-based, including Pro/MECHANICA Structure, Pro/ENGINEER Mechanism Design, and Pro/MFG; and SolidWorks-based, including SolidWorks Simulation, SolidWorks Motion, and CAMWorks. Available on the companion website http://booksite.elsevier.com/9780123820389

Management Information Systems - Kenneth C. Laudon 2004
Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases.

Computer Supported Cooperative Work in Design II - Weiming Shen 2006-02-26
This book constitutes the thoroughly refereed post-proceedings of the

9th International Conference on Computer Supported Cooperative Work in Design, CSCWD 2005, held in Coventry, UK, in May 2005. The 65 revised full papers presented were carefully reviewed and selected from numerous submissions during at least two rounds of reviewing and improvement.

Plant Hazard Analysis and Safety Instrumentation Systems - Swapan Basu 2016-10-21
Plant Hazard Analysis and Safety Instrumentation Systems is the first book to combine coverage of these two integral aspects of running a chemical processing plant. It helps engineers from various disciplines learn how various analysis techniques, international standards, and instrumentation and controls provide layers of protection for basic process control systems, and how, as a result, overall system reliability, availability, dependability, and maintainability can be increased. This step-by-step guide takes readers through the development of safety instrumented systems, also including discussions on cost impact, basics of statistics, and reliability. Swapan Basu brings more than 35 years of industrial experience to this book, using practical examples to demonstrate concepts. Basu links between the SIS requirements and process hazard analysis in order to complete SIS lifecycle implementation and covers safety analysis and realization in control systems, with up-to-date descriptions of modern concepts, such as SIL, SIS, and Fault Tolerance to name a few. In addition, the book addresses security issues that are particularly important for the programmable systems in modern plants, and discusses, at length, hazardous atmospheres and their impact on electrical enclosures and the use of IS circuits. Helps the reader identify which hazard analysis method is the most appropriate (covers ALARP, HAZOP, FMEA, LOPA) Provides tactics on how to implement standards, such as IEC 61508/61511 and ANSI/ISA 84 Presents information on how to conduct safety analysis and realization in control systems and safety instrumentation

Springer Handbook of Automation - Shimon Y. Nof 2009-07-16
This handbook incorporates new developments in automation. It also presents a widespread and well-structured conglomeration of new emerging application areas, such as medical systems and health, transportation, security and maintenance, service, construction and retail as well as production or logistics. The handbook is not only an ideal resource for automation experts but also for people new to this expanding field.

Sustainable Railway Engineering and Operations - Simon Blainey 2022-08-08
Railways are frequently promoted as one of the most sustainable modes of transport. However, their impact will in practice be significantly affected by the ways in which they are designed, constructed, and used. This book provides a comprehensive overview of the issues involved in planning, engineering and operating sustainable railway systems.

Global Business Regulation - John Braithwaite 2000-02-13
Across an amazing sweep of the critical areas of business regulation - from contract, intellectual property and corporations law, to trade, telecommunications, labour standards, drugs, food, transport and environment - this book confronts the question of how the regulation of business has shifted from national to global institutions. Based on interviews with 500 international leaders in business and government, this book examines the role played by global institutions such as the WTO, the OECD, IMF, Moody's and the World Bank, as well as various NGOs and significant individuals. The authors argue that effective and decent global regulation depends on the determination of individuals to engage with powerful agendas and decision-making bodies that would otherwise be dominated by concentrated economic interests. This book will become a standard reference for readers in business, law, politics and international relations.

Computed Tomography Technology - Euclid Seeram 1982

Routledge Handbook of International Cybersecurity - Eneken Tikk 2020-01-28
The Routledge Handbook of International Cybersecurity examines the development and use of information and communication technologies (ICTs) from the perspective of international peace and security.

Acknowledging that the very notion of peace and security has become more complex, the volume seeks to determine which questions of cybersecurity are indeed of relevance for international peace and security and which, while requiring international attention, are simply issues of contemporary governance or development. The Handbook offers a variety of thematic, regional and disciplinary perspectives on the question of international cybersecurity, and the chapters contextualize cybersecurity in the broader contestation over the world order, international law, conflict, human rights, governance and development. The volume is split into four thematic sections: Concepts and frameworks; Challenges to secure and peaceful cyberspace; National and regional perspectives on cybersecurity; Global approaches to cybersecurity. This book will be of much interest to students of cybersecurity, computer science, sociology, international law, defence studies and International Relations in general.

Data Science and Analytics - Usha Batra 2020-05-27
This two-volume set (CCIS 1229 and CCIS 1230) constitutes the refereed proceedings of the 5th International Conference on Recent Developments in Science, Engineering and Technology, REDSET 2019, held in Gurugram, India, in November 2019. The 74 revised full papers presented were carefully reviewed and selected from total 353 submissions. The papers are organized in topical sections on data centric programming; next generation computing; social and web analytics; security in data science analytics; big data analytics.

Managing Organizational Change - Linda C. Mattingly 2018-04-30
Today's business leaders are required to navigate a difficult path between building and maintaining a stable, effective and successful organization, and rolling out a seemingly endless series of complex change initiatives to ensure ongoing relevance in the marketplace. Complex change is costly, difficult, and has a high degree of risk. By definition, complex change requires individuals within the organization to make significant changes in how they fulfill the duties associated with their role. Things like moving to a new technology platform, going through a merger, organizational restructuring, and adding or

eliminating a product or service all involve complex change. In 1990, Peter Senge's book The Fifth Discipline was published, and the concept of organizational change management was introduced into the business world. Since then, analysis of data from thousands of change implementations point to the same conclusion – approximately 70% of change projects fail to achieve their defined goals. This data also shows that the 30% of projects that do meet expected ROI all found a way to effectively address the people side of change. This book introduces the concept of integrated organizational change methodology (iOCMTM), which provides a framework for integrating best practice organizational change management principles into all facets of a change plan, resulting in significantly improved project outcomes and maximum return on investment.

UX Best Practices How to Achieve More Impact with User Experience - Helmut Degen 2011-12-06
Evolve to a user-centered product development philosophy Deliver superior products and escalate your market share by employing real-world user experience success strategies from global corporations. Featuring in-depth case studies from Yahoo!, Siemens, SAP, Haier, Intuit, Tencent, and more, UX Best Practices: How to Achieve More Impact with User Experience offers proven methods for instituting user-centered design in industrial environments. Discover how to integrate user experience activities into product development processes for investment and consumer goods in different regions, reduce product complexity, increase product quality, and boost the bottom line. This comprehensive guide covers a variety of user experience techniques, such as analyzing user needs and expectations, creating design concepts, prototyping, using agile development, conducting usability testing, developing user interface guidelines, defining user interface patterns, and specifying metrics. Communicate objectives and user requirements in design briefs Establish end-to-end UX-centered development policies Foster collaboration between managers, designers, and engineers Integrate user experience metrics into business target frameworks and the product development process Employ agile development and design thinking

methods Collect, measure, and analyze usability data Employ a User Experience Evaluation System to identify problems Convey and assess design ideas quickly using prototypes Achieve consistency across products with UI patterns and libraries

The Product Manager's Desk Reference - Steven Haines 2008-07-31 Grab the all-you-need reference and manage your products effectively and efficiently Now, product managers at every level can have an authoritative, one-stop reference to strategizing, introducing, and managing products at their fingertips. The Product Manager's Desk Reference uses the progression of the practitioner across the career cycle as well as the progression of the product across its life cycle to establish clear guidelines as to what must be done, when, by whom, and with what level of expertise.

Climate Change and Cities - Cynthia Rosenzweig 2018-03-29 The Urban Climate Change Research Network's Second Assessment Report on Climate Change in Cities (ARC3.2) is the second in a series of global, science-based reports to examine climate risk, adaptation, and mitigation efforts in cities. The book explicitly seeks to explore the implications of changing climatic conditions on critical urban physical and social infrastructure sectors and intersectoral concerns. The primary purpose of ARC3.2 is to inform the development and implementation of effective urban climate change policies, leveraging ongoing and planned investments for populations in cities of developing, emerging, and developed countries. This volume, like its predecessor, will be invaluable for a range of audiences involved with climate change and cities: mayors, city officials and policymakers; urban planners; policymakers charged with developing climate change mitigation and adaptation programs; and a broad spectrum of researchers and advanced students in the environmental sciences.

Laying the Foundation - John W. White 2016-03-15 Laying the Foundation: Digital Humanities in Academic Libraries examines the library's role in the development, implementation, and instruction of successful digital humanities projects. It pays special attention to the critical role of librarians in building sustainable

programs. It also examines how libraries can support the use of digital scholarship tools and techniques in undergraduate education.Academic libraries are nexuses of research and technology; as such, they provide fertile ground for cultivating and curating digital scholarship. However, adding digital humanities to library service models requires a clear understanding of the resources and skills required. Integrating digital scholarship into existing models calls for a reimagining of the roles of libraries and librarians. In many cases, these reimagined roles call for expanded responsibilities, often in the areas of collaborative instruction and digital asset management, and in turn these expanded responsibilities can strain already stretched resources.Laying the Foundation provides practical solutions to the challenges of successfully incorporating digital humanities programs into existing library services. Collectively, its authors argue that librarians are critical resources for teaching digital humanities to undergraduate students and that libraries are essential for publishing, preserving, and making accessible digital scholarship.

AC/DC - Tom McNichol 2011-01-06 AC/DC tells the little-known story of how Thomas Edison wrongly bet in the fierce war between supporters of alternating current and direct current. The savagery of this electrical battle can hardly be imagined today. The showdown between AC and DC began as a rather straightforward conflict between technical standards, a battle of competing methods to deliver essentially the same product, electricity. But the skirmish soon metastasized into something bigger and darker. In the AC/DC battle, the worst aspects of human nature somehow got caught up in the wires; a silent, deadly flow of arrogance, vanity, and cruelty. Following the path of least resistance, the war of currents soon settled around that most primal of human emotions: fear. AC/DC serves as an object lesson in bad business strategy and poor decision making. Edison's inability to see his mistake was a key factor in his loss of control over the ?operating system? for his future inventions?not to mention the company he founded, General Electric.

Conservation Research in Libraries - David Howell 2020-06-08

Conservation research in libraries is a rapidly growing field. This book places analysis within its context in conservation and provides examples of how this expensive resource can be used. Through a series of case studies, it describes major analytical procedures, including visualization, molecular, elemental and separation techniques as well as chemical tests. It is thus a suitable reference work for library conservators and curators.

Industrial Network Security - Eric D. Knapp 2014-12-09
As the sophistication of cyber-attacks increases, understanding how to defend critical infrastructure systems—energy production, water, gas, and other vital systems—becomes more important, and heavily mandated. Industrial Network Security, Second Edition arms you with the knowledge you need to understand the vulnerabilities of these distributed supervisory and control systems. The book examines the unique protocols and applications that are the foundation of industrial control systems, and provides clear guidelines for their protection. This how-to guide gives you thorough understanding of the unique challenges facing critical infrastructures, new guidelines and security measures for critical infrastructure protection, knowledge of new and evolving security tools, and pointers on SCADA protocols and security implementation. All-new real-world examples of attacks against control systems, and more diagrams of systems Expanded coverage of protocols such as 61850, Ethernet/IP, CIP, ISA-99, and the evolution to IEC62443 Expanded coverage of Smart Grid security New coverage of signature-based detection, exploit-based vs. vulnerability-based detection, and signature reverse engineering

Proceedings of the 2nd International Workshop on Software Configuration Management, Princeton, New Jersey, October 24, 1989 - 1989

Getting Started With SharePoint 2013 - Mr Robert Crane 2012-12-30
This book helps novice users understand the basic usage and operation of SharePoint 2013. It examines the following basic components of a SharePoint: Documents, Calendars, Tasks, Picture Libraries, Recycle Bin and Search. The reader will be taken through a tutorial process on how to use each item. Much has changed since previous versions of SharePoint, however there are still some similarities. As such, this book may still provide some insight into the basics of older versions of SharePoint. It will show you how to start interacting with SharePoint 2013 so it can be put to use in your business as well as provide a number of resources for continuing familiarity with SharePoint 2013. This booked is aimed at users who have never used SharePoint.

Process Analytics - Seyed-Mehdi-Reza Beheshti 2016-03-28
This book starts with an introduction to process modeling and process paradigms, then explains how to query and analyze process models, and how to analyze the process execution data. In this way, readers receive a comprehensive overview of what is needed to identify, understand and improve business processes. The book chiefly focuses on concepts, techniques and methods. It covers a large body of knowledge on process analytics – including process data querying, analysis, matching and correlating process data and models – to help practitioners and researchers understand the underlying concepts, problems, methods, tools and techniques involved in modern process analytics. Following an introduction to basic business process and process analytics concepts, it describes the state of the art in this area before examining different analytics techniques in detail. In this regard, the book covers analytics over different levels of process abstractions, from process execution data and methods for linking and correlating process execution data, to inferring process models, querying process execution data and process models, and scalable process data analytics methods. In addition, it provides a review of commercial process analytics tools and their practical applications. The book is intended for a broad readership interested in business process management and process analytics. It provides researchers with an introduction to these fields by comprehensively classifying the current state of research, by describing in-depth techniques and methods, and by highlighting future research directions. Lecturers will find a wealth of material to choose from for a variety of courses, ranging from undergraduate courses in business

process management to graduate courses in business process analytics. Lastly, it offers professionals a reference guide to the state of the art in commercial tools and techniques, complemented by many real-world use case scenarios.

Dual Source CT Imaging - Peter R. Seidensticker 2008-05-24
This book provides an introduction to Dual Source Computed Tomography (DSCT) technology and to the basics of contrast media administration. This is followed by 25 in-depth clinical scan and contrast media injection protocols.

Cases on Technologies in Education From Classroom 2.0 to Society 5.0 - Bishop, Jonathan 2021-10-08
As the use of technology spreads throughout communities, it is a natural progression that those resources will be given to classrooms. In order to provide the best education possible, all resources must be used. Learning, however, is not only done within the classroom; community learning (such as Society 4.0 and Society 5.0) involves remote learning and learning in the community. Cases on Technologies in Education From Classroom 2.0 to Society 5.0 presents case studies on the best practices from practitioners using future technologies for education beyond the classroom. The content within the book specifically includes Classroom 2.0 (networking of education institutions and learners), School 3.0 (situated learning in community venues beyond the classroom), Society 4.0 (sharing education practice and delivering learning remotely), and Society 5.0 (ubiquitous education in smart cities, towns, and villages). Covering topics such as cross-community education, ed-tech, and innovation paths, this book is an in-depth reference for administrators, schools, colleges, and universities looking to embed technology into the way they deliver education, as well as educational software developers, IT consultants, researchers, students, academicians, and teachers looking to enhance the way they educate their learners through technology.

Product Design Modeling using CAD/CAE - Kuang-Hua Chang 2014-01-20
Product Design Modeling using CAD/CAE is the third part of a four-part series. It is the first book to integrate discussion of computer design tools throughout the design process. Through this book, you will: Understand basic design principles and all digital design paradigms Understand computer-aided design, engineering, and manufacturing (CAD/CAE/CAM) tools available for various design-related tasks Understand how to put an integrated system together to conduct all-digital design (ADD) Provides a comprehensive and thorough coverage of essential elements for product modeling using the virtual engineering paradigm Covers CAD/CAE in product design, including solid modeling, mechanical assembly, parameterization, product data management, and data exchange in CAD Case studies and tutorial examples at the end of each chapter provide hands-on practice in implementing off-the-shelf computer design tools Provides two projects showing the use of Pro/ENGINEER and SolidWorks to implement concepts discussed in the book

Electrified Aircraft Propulsion - Kiruba Haran 2022-05-26
An ideal introduction to advances and outstanding challenges in large electric aircraft design, combining expertise from leading researchers.