2017 Emerging Georgia Tech

This illuminating text/reference presents a review of the key aspects of the modeling and simulation (M&S) life cycle, and examines the challenges of M&S in different application areas. The authoritative work offers valuable perspectives on the future of research in M&S, and its role in engineering complex systems. Topics and features: reviews the challenges of M&S for urban infrastructure, healthcare delivery, automated vehicle manufacturing, deep space missions, and acquisitions enterprise; outlines research issues relating to conceptual modeling, covering the development of explicit and unambiguous models, communication and decision-making, and architecture and services; considers key computational challenges in the execution of simulation models, in order to best exploit emerging computing platforms and technologies; examines efforts to understand and manage uncertainty inherent in M&S processes, and how these can be unified under a consistent theoretical and philosophical foundation; discusses the reuse of models and simulations to accelerate the simulation model development process. This thought-provoking volume offers important insights for all researchers involved in modeling and simulation across the full spectrum of disciplines and applications, defining a common research agenda to support the entire M&S research community.

This global handbook provides an up-to-date and comprehensive overview of shadow banking, or market-based finance as it has been recently coined. Engaging in financial intermediary services outside of normal regulatory parameters, the shadow banking sector was arguably a critical factor in causing the 2007-2009 financial crisis. This volume focuses specifically on shadow banking activities, risk, policy and regulatory issues. It evaluates the nexus between policy design and regulatory output around the world, paying attention to the concept of risk in all its dimensions—the legal, financial, market, economic and monetary perspectives. Particular attention is given to spillover risk, contagion risk and systemic risk and their positioning and relevance in shadow banking activities. Newly introduced and incoming policies are evaluated in detail, as well as how risk is managed, observed and assessed, and how new regulation can potentially create new sources of risk. Volume I concludes with analysis of what will and still needs to happen in the event of another crisis. Proposing innovative suggestions for improvement, including a novel Pigovian tax to tame financial and systemic risks, this handbook is a must-read for professionals and policy-makers within the banking sector, as well as those researching economics and finance.

An unusually multifaceted approach to American higher education that views institutions as complex organisms, Academia Next offers a fresh perspective on the emerging colleges and universities of today and tomorrow.

The Manufacturing USA initiative seeks to reinforce U.S.-based advanced manufacturing through partnerships among industry, academia, and government. Started in 2012 and established with bipartisan support by the Revitalize American Manufacturing and Innovation Act of 2014, the initiative envisages a nationwide network of research centers for manufacturing innovation. As of May 2017, 14 manufacturing innovation institutes had been established to facilitate the movement of early-stage research into proven capabilities ready for adoption by U.S. manufacturers. To better understand the role and experiences of the Manufacturing USA institutes to date, a committee of the Innovation Policy Forum of the National Academies of Sciences, Engineering, and Medicine convened a workshop on May 23, 2017 drawing together institute directors and manufacturing policy experts along with leaders from industry, academia, and government. Participants addressed the role of the manufacturing institutes in increasing advanced manufacturing in the United States, examined selected foreign programs designed to support advanced manufacturing, and reviewed recent assessments of existing institutes. This publication summarizes the presentations and

discussions from the workshop.

Electronic Enclosures, Housings and Packages considers the problem of heat management for electronics from an encasement perspective. It addresses enclosures and their applications for industrial electronics, as well as LED lighting solutions for stationary and mobile markets. The book introduces fundamental concepts and defines dimensions of success in electrical enclosures. Other chapters discuss environmental considerations, shielding, standardization, materials selection, thermal management, product design principles, manufacturing techniques and sustainability. Final chapters focus on business fundamentals by outlining successful technical propositions and potential future directions. Introduces the concepts of materials recycling and sustainability to electronic enclosures Provides thorough coverage of all technical aspects relating to the design and manufacturing of electronic packaging Includes practical information on environmental considerations, shielding, standardization, materials selection, and more

This book discusses the latest advances in research and development, design, operation and analysis of transportation systems and their complementary infrastructures. It reports on both theories and case studies on road and rail, aviation and maritime transportation. Further, it covers a wealth of topics, from accident analysis, vehicle intelligent control, and human-error and safety issues to next-generation transportation systems, model-based design methods, simulation and training techniques, and many more. A special emphasis is placed on smart technologies and automation in transport, and on the user-centered, ergonomic and sustainable design of transport systems. The book, which is based on the AHFE 2019 International Conference on Human Factors in Transportation, held on July 24-28, 2019, in Washington D.C., USA, mainly addresses the needs of transportation system designers, industrial designers, human–computer interaction researchers, civil and control engineers, as well as vehicle system engineers. Moreover, it represents a timely source of information for transportation policy-makers and social scientists whose work involves traffic safety, management, and sustainability issues in transport.

Modern Sentimentalism examines how American female novelists reinvented sentimentalism in the modernist period. Just as the birth of the modern woman has long been imagined as the death of sentimental feeling, modernist literary innovation has been understood to reject sentimental aesthetics. Modern Sentimentalism reframes these perceptions of cultural evolution. Taking up icons such as the New Woman, the flapper, the free lover, the New Negro woman, and the divorcee, this book argues that these figures embody aspects of a traditional sentimentality while also recognizing sentiment as incompatible with ideals of modern selfhood. These double binds equally beleaguer the protagonists and shape the styles of writers like Willa Cather, Edith Wharton, Anita Loos, and Jessie Fauset. 'Modern sentimentalism' thus translates nineteenth-century conventions of sincerity and emotional fulfillment into the skeptical, self-conscious modes of interwar cultural production. Reading canonical and under-examined novels in concert with legal briefs, scientific treatises, and other transatlantic period discourse, and combining traditional and quantitative methods of archival research, Modern Sentimentalism demonstrates that feminine feeling, far from being peripheral to twentieth-century modernism, animates its central principles and preoccupations.

An updated edition of the classic book on digital storytelling, with a new introduction and expansive chapter commentaries. I want to say to all the hacker-bards from every field—gamers, researchers, journalists, artists, programmers, scriptwriters, creators of authoring systems... please know that I wrote this book for you." —Hamlet on the Holodeck, from the author's introduction to the updated edition Janet Murray's Hamlet on the Holodeck was instantly influential and controversial when it was first published in 1997. Ahead of its time, it accurately predicted the rise of new genres of storytelling from the convergence of traditional media forms and computing. Taking the long view of artistic innovation over decades and even

centuries, it remains forward-looking in its description of the development of new artistic traditions of practice, the growth of participatory audiences, and the realization of still-emerging technologies as consumer products. This updated edition of a book the New Yorker calls a "cult classic" offers a new introduction by Murray and chapter-by-chapter commentary relating Murray's predictions and enduring design insights to the most significant storytelling innovations of the past twenty years, from long-form television to artificial intelligence to virtual reality. Murray identifies the powerful new set of expressive affordances that computing offers for the ancient human activity of storytelling and considers what would be necessary for interactive narrative to become a mature and compelling art form. Her argument met with some resistance from print loyalists and postmodern hypertext enthusiasts, and it provoked a foundational debate in the emerging field of game studies on the relationship between narrative and videogames. But since Hamlet on the Holodeck's publication, a practice that was largely speculative has been validated by academia, artistic practice, and the marketplace. In this substantially updated edition, Murray provides fresh examples of expressive digital storytelling and identifies new directions for narrative innovation.

The book provides insight into the current development of ten 21st century technologies that will impact community colleges and universities in the next 5-30 years.

Countries are increasingly introducing data localization laws, threatening digital globalization and inhibiting cloud computing adoption despite its acknowledged benefits. This multi-disciplinary book analyzes the EU restriction (including the Privacy Shield and General Data Protection Regulation) through a cloud computing lens, covering historical objectives and practical problems, showing why the focus should move from physical data location to effective jurisdiction over those controlling access to intelligible data, and control of access to data through security.

How the best companies prepare for and manage modern vulnerabilities—from cybersecurity risks to climate change: new tools, processes and organizations for developing corporate resilience. A catastrophic earthquake is followed by a tsunami that inundates the coastline, and around the globe manufacturing comes to a standstill. State-of-the-art passenger jets are grounded because of a malfunctioning part. A strike halts shipments through a major port. A new digital device decimates the sales of other brands and sends established firms to the brink of bankruptcy. The interconnectedness of the global economy today means that unexpected events in one corner of the globe can ripple through the world's supply chain and affect customers everywhere. In this book, Yossi Sheffi shows why modern vulnerabilities call for innovative processes and tools for creating and embedding corporate resilience and risk management. Sheffi offers fascinating case studies that illustrate how companies have prepared for, coped with, and come out stronger following disruption—from the actions of Intel after the 2011 Japanese tsunami to the disruption in the "money supply chain" caused by the 2008 financial crisis. Sheffi, author of the widely read The Resilient Enterprise, focuses here on deep tier risks as well as corporate responsibility, cybersecurity, long-term disruptions, business continuity planning, emergency operations centers, detection, and systemic disruptions. Supply chain risk management, Sheffi shows, is a balancing act between taking on the risks involved in new products, new markets, and new processes—all crucial for growth—and the resilience created by advanced risk management.

Based on quantitative comparisons of colleges since the 1970s, Charles Clotfelter reveals that despite the civil rights revolution, billions spent on financial aid, and the

commitment of colleges to greater equality, stratification in higher education has grown starker. He explains why undergraduate education--unequal in 1970--is even more so today.

Augmented Reality: Innovative Perspectives Across Art, Industry, and Academia includes a mix of critical/theoretical essays from humanities scholars, augmented reality (AR) artwork (with accompanying reflections) by leading digital artists, and interviews with AR software developers and other industry insiders. Augmented Reality is used in the design of the printed book, effectively linking appropriate pages to relevant digital materials on the Web or physical spaces. Contributors bring critical reflection and artistic ingenuity into conversation with current design thinking and project development across the AR industry.

Concept mapping has often been acknowledged as an efficient instrument for aiding students in learning new information. Examining the impact this tool provides in STEM fields can help to create more effective teaching methods. Advanced Concept Maps in STEM Education: Emerging Research and Opportunities highlights both the history and recent innovations of concept maps in learning environments. Featuring extensive coverage of relevant topics including object maps, verbal maps, and spatial maps, this publication is ideal for educators, academicians, students, professionals, and researchers interested in discovering new perspectives on the impact of concept mapping in educational settings.

Forecasting the future with advanced data models and visualizations. To envision and create the futures we want, society needs an appropriate understanding of the likely impact of alternative actions. Data models and visualizations offer a way to understand and intelligently manage complex, interlinked systems in science and technology, education, and policymaking. Atlas of Forecasts, from the creator of Atlas of Science and Atlas of Knowledge, shows how we can use data to predict, communicate, and ultimately attain desirable futures. Using advanced data visualizations to introduce different types of computational models, Atlas of Forecasts demonstrates how models can inform effective decision-making in education, science, technology, and policymaking. The models and maps presented aim to help anyone understand key processes and outcomes of complex systems dynamics, including which human skills are needed in an artificial intelligence-empowered economy; what progress in science and technology is likely to be made; and how policymakers can future-proof regions or nations. This Atlas offers a driver's seat-perspective for a test-drive of the future.

Although in recent years some emerging economies have improved their performance in terms of R&D investment, outputs and innovative capacity, these countries are still blighted by extreme poverty, inequality and social exclusion. Hence, emerging countries are exposed to conditions which differ quite substantially from the dominant OECD model of innovation policy for development and welfare. This Research Handbook contributes to the debate by looking at how innovation theory, policy and practice interact, and explains different types of configurations in countries that are characterized by two contrasting but mutually reinforcing features: systemic failure and resourcefulness. Focusing on innovation governance and public policies, it aims to understand related governance failures and to explore options for alternative, more efficient approaches.

This volume describes the most salient changes faced by key Chinese industry

sectors as defining components of global and domestic macroeconomic performance. Set within the context of the Global China 2049 initiative, which aims to transform the country into a fully advanced and developed nation, chapters focus specifically on industrial policies that are considered to be one of the main determinants of Chinese growth. Covering sectors such as healthcare, aerospace, microprocessors and other data driven industries, chapters highlight the pitfalls and anticipated successes of Chinese firms operating in the global competitive market. Importantly, the book fosters debate on how Chinese industries will achieve competitive growth in the post-pandemic era. Ultimately the book discusses the likelihood of China achieving a leading position in terms of processes and innovation and suggests a road to future research on China's industrial trajectory. Francesca Spigarelli is Associate Professor of Applied Economics, at the University of Macerata and Director of the China Center. She is Vice Rector for Entrepreneurship and Technological Transfer and for European research policy and is member of the board of Chinese Globalization Association (www.chinagoesglobal.org). John McIntyre has been Director of the Georgia Tech Center for International Business Education and Research (CIBER), a national center of excellence, since 1993 and a full Professor of International Business Management and International Relations with joint appointments in the College of Management and the Sam Nunn School of International Affairs of the Georgia Institute of Technology, Atlanta, Georgia.

This book examines emerging theories, frameworks, and applications of global marketing for the 21st century. It highlights how global marketing is changing in a globalized and digital economy that is fast increasing in complexity and uncertainty. The traditional approach to global marketing is no longer sufficient to address the emerging issues in global markets. Global companies need to challenge traditional assumptions in global marketing in an era of shifting political, cultural, economic, and technological changes. They need to take a fresh look at the contemporary threats and opportunities in markets, institutions, and technology and how they affect entry and expansion strategies through careful re-calibration of the marketing-mix. This book offers new insights for global marketing that addresses these issues. This book should be an ideal resource to both academic scholars and reflective practitioners globally such as CEOs and chief marketing officers as well as government officials and policy makers interested in formulating strategies/policies for global marketing activities in the face of a globalized and digitized economy. This well-crafted research volume is an excellent addition to the growing literature on new trends in international marketing. The authors present the latest insight on the impact of phenomena such as cross-border e-commerce and digital markets, and they discuss new tools for political risk assessment, international branding and more broadly the reconfiguring of marketing-mix strategies – A powerful reminder that the new global market remains a rugged landscape. - Alain Verbeke, McCaig Research Chair in Management and Editor-in-Chief Journal of International

Business Studies, University of Calgary, Canada. Emerging trends in institutions, markets, and societies, along with new technological advances, are redefining the scope and strategy in global marketing. Professors Agarwal and Wu have assembled a remarkable collection of cutting-edge topics and issues that capture the shifting paradigm and contemporary developments in the global marketing field. This is an informative and timely resource that makes a valuable contribution, useful for both scholars and business practitioners of global marketing. - Constantine S. Katsikeas, Arnold Ziff Endowed Research Chair in Marketing & International Management, Editor-in-Chief Journal of International Marketing, University of Leeds, UK. This book presents new and cutting-edge thinking at a time when the traditional views of international marketing need to be scrapped. Convergence forces are creating new opportunities as well as threats on a daily basis, and marketing practitioners as well as scholars must be forewarned as well as forearmed on how to deal with these changes. The real growth is coming from the emerging nations, and the theories that provided sufficient insights ten years ago have been completely outmoded by the ever-accelerating rate of innovation and technological change as well as the pressures to address the needs of all of the firm's relevant stakeholders. The strategic insights provided here are absolutely invaluable. Don't miss an opportunity to read this book!! - John B. Ford, Professor of Marketing & International Business, Eminent Scholar & Haislip-Rohrer Fellow, Editor-in-Chief, Journal of Advertising Research, Old Dominion University, USA.

As the use of remote work has recently skyrocketed, digital transformation within the workplace has gone under a microscope, and it has become abundantly clear that the incorporation of new technologies in the workplace is the future of business. These technologies keep businesses up to date with their capabilities to perform remote work and make processes more efficient and effective than ever before. In understanding digital transformation in the workplace there needs to be advanced research on technology, organizational change, and the impacts of remote work on the business, the employees, and day-to-day work practices. This advancement to a digital work culture and remote work is rapidly undergoing major advancements, and research is needed to keep up with both the positives and negatives to this transformation. The Research Anthology on Digital Transformation, Organizational Change, and the Impact of Remote Work contains hand-selected, previously published research that explores the impacts of remote work on business workplaces while also focusing on digital transformation for improving the efficiency of work. While highlighting work technologies, digital practices, business management, organizational change, and the effects of remote work on employees, this book is an all-encompassing research work intended for managers, business owners, IT specialists, executives, practitioners, stakeholders, researchers, academicians, and students interested in how digital transformation and remote work is affecting workplaces. This book situates Massive Open Online Courses and open learning within a

broader educational, economic and social context. It raises questions regarding whether Massive Open Online Courses effectively address demands to open up access to education by triggering a new education order, or merely represent reactionary and unimaginative responses to those demands. It offers a fresh perspective on how we conceptualise learners and learning, teachers and teaching, accreditation and quality, and how these dimensions fit within the emerging landscape of new forms of open learning.

Cyber Security on AzureAn IT Professional's Guide to Microsoft Azure Security CenterApress

Providing a practical review of the latest technology in the field, Ultrawideband Radar Applications and Design presents cutting-edge advances in theory, design, and practical applications of ultrawideband (UWB) radar. This book features contributions from an international team of experts to help readers learn about a wide range of UWB topics, including: History of the technology American and European governmental regulations and key definitions Nonsinusoidal wave propagation theory Random signal radar Object detection by ground permittivity measurements Large-target backscattering effects Medical applications Large current radiator antenna design Materials-penetrating theory Radar signal processing Weak-signal detection methods Holographic and real time radar imaging This book's contributors use practical information to illustrate the latest theoretical developments and demonstrate UWB radar principles through case studies. Radar system engineers will find ideas for precision electronic sensing systems for use in medical, security, industrial, construction, and geophysical applications, as well as those used in archeological, forensic and transportation operations.

This open access book analyzes the main drivers that are influencing the dramatic evolution of work in Asia and the Pacific and identifies the implications for education and training in the region. It also assesses how education and training philosophies, curricula, and pedagogy can be reshaped to produce workers with the skills required to meet the emerging demands of the Fourth Industrial Revolution. The book's 40 articles cover a wide range of topics and reflect the diverse perspectives of the eminent policy makers, practitioners, and researchers who authored them. To maximize its potential impact, this Springer-Asian Development Bank co-publication has been made available as open access.

This book focuses on emerging wireless power/data and energy harvesting technologies, and highlights their fundamental requirements, followed by recent advancements. It provides a various technical overview and analysis of key techniques for wireless power/data and energy harvesting system design. The state-of-the-art system introduced in this book will benefit designers looking to develop wireless power transfer and energy harvesting technologies in a variety of fields, such as wearable, implantable devices, home appliances, and electric vehicles.

The five volume set LNCS 10960 until 10964 constitutes the refereed proceedings of the 18th International Conference on Computational Science and Its Applications, ICCSA 2018, held in Melbourne, Australia, in July 2018. Apart from the general tracks, ICCSA 2018 also includes 34 international workshops in various areas of computational sciences, ranging from computational science technologies, to specific areas of computational sciences, such as computer graphics and virtual reality.

The heart of the contemporary argument on climate change and energy transition focuses on how energy supply should be decarbonized to mitigate greenhouse gas emissions.This book proposes an alternative approach.The Age of Fire Is Over: A New Approach to the Energy Transition finds that energy transitions are not driven by supply-side driven transformations but rather by evolutions in demand patterns.Exploring the potential of recently emerged key technologies, The Age of Fire Is Over argues that the so-called Energy Transition has not yet started. In the future, key technologies will significantly transform demand and provide services at a fraction of today's cost or offer new services not yet imagined. To a large extent, energy paradigm shifts are driven by such evolutions, largely inevitable and often unanticipated, because they provide societies with greater benefits: lower costs, more jobs, and rapid adaptation.This book closes with key novel recommendations for government institutions to accelerate the energy transition, which — instead of replicating an approach from the past — should focus on these demand transformations to both advance civilization and mitigate climate change.With Foreword by Jean-Pascal Tricoire, Schneider Electric Chief Executive Officer.

At the heart of any discussion about the future of libraries is the future of librarians—and how well our instructional programs, especially the Master of Library Science (MLS) degree, prepare them for their careers. This book continues the critical conversations around preparing future librarians.

The future security, economic growth, and competitiveness of the United States depend on its capacity to innovate. Major sources of innovative capacity are the new knowledge and trained students generated by U.S. research universities. However, many of the complex technical and societal problems the United States faces cannot be addressed by the traditional model of individual university research groups headed by a single principal investigator. Instead, they can only be solved if researchers from multiple institutions and with diverse expertise combine their efforts. The National Science Foundation (NSF), among other federal agencies, began to explore the potential of such center-scale research programs in the 1970s and 1980s; in many ways, the NSF Engineering Research Center (ERC) program is its flagship program in this regard. The ERCs are "interdisciplinary, multi-institutional centers that join academia, industry, and government in partnership to produce transformational engineered systems and engineering graduates who are adept at innovation and primed for leadership in the global economy. To ensure that the ERCs continue to be a source of

innovation, economic development, and educational excellence, A New Vision for Center-Based Engineering Research explores the future of center-based engineering research, the skills needed for effective center leadership, and opportunities to enhance engineering education through the centers.

With contributions from worldwide leaders in the field, Power System Stability and Control, Third Edition (part of the five-volume set, The Electric Power Engineering Handbook) updates coverage of recent developments and rapid technological growth in essential aspects of power systems. Edited by L.L. Grigsby, a respected and accomplished authority in power engineering, and section editors Miroslav Begovic, Prabha Kundur, and Bruce Wollenberg, this reference presents substantially new and revised content. Topics covered include: Power System Protection Power System Dynamics and Stability Power System Operation and Control This book provides a simplified overview of advances in international standards, practices, and technologies, such as small signal stability and power system oscillations, power system stability controls, and dynamic modeling of power systems. This resource will help readers achieve safe, economical, high-quality power delivery in a dynamic and demanding environment. With five new and 10 fully revised chapters, the book supplies a high level of detail and, more importantly, a tutorial style of writing and use of photographs and graphics to help the reader understand the material. New Chapters Cover: Systems Aspects of Large Blackouts Wide-Area Monitoring and Situational Awareness Assessment of Power System Stability and Dynamic Security Performance Wind Power Integration in Power Systems FACTS Devices A volume in the Electric Power Engineering Handbook, Third Edition. Other volumes in the set: K12642 Electric Power Generation, Transmission, and Distribution, Third Edition (ISBN: 9781439856284) K12648 Power Systems, Third Edition (ISBN: 9781439856338) K12650 Electric Power Substations Engineering, Third Edition (9781439856383) K12643 Electric Power Transformer Engineering, Third Edition (9781439856291)

This book addresses the latest approaches to holistic Cyber-Physical System (CPS) resilience in real-world industrial applications. Ensuring the resilience of CPSs requires cross-discipline analysis and involves many challenges and open issues, including how to address evolving cyber-security threats. The book describes emerging paradigms and techniques from two main viewpoints: CPSs' exposure to new threats, and CPSs' potential to counteract them. Further, the chapters address topics ranging from risk modeling to threat management and mitigation. The book offers a clearly structured, highly accessible resource for a diverse readership, including graduate students, researchers and industry practitioners who are interested in evaluating and ensuring the resilience of CPSs in both the development and assessment stages.

This two-volume set LNCS 11592 and 11593 constitutes the refereed proceedings of the 5th International Conference on Human Aspects of IT for the Aged Population, ITAP 2019, held in July 2019 as part of HCI International 2019

in Orlando, FL, USA. HCII 2019 received a total of 5029 submissions, of which 1275 papers and 209 posters were accepted for publication after a careful reviewing process. The 86 papers presented in these two volumes are organized in topical sections named: Design with and for the Elderly, Aging and Technology Acceptance, Aging and the User Experience, Elderly-Specific Web Design, Aging and Social Media, Games and Exergames for the Elderly, Ambient Assisted Living, Aging, Motion, Cognition, Emotion and Learning.

With the current advances in technology innovation, the field of medicine and healthcare is rapidly expanding and, as a result, many different areas of human health diagnostics, treatment and care are emerging. Wireless technology is getting faster and 5G mobile technology allows the Internet of Medical Things (IoMT) to greatly improve patient care and more effectively prevent illness from developing. This book provides an overview and review of the current and anticipated changes in medicine and healthcare due to new technologies and faster communication between users and devices. This groundbreaking book presents state-of-the-art chapters on many subjects including: A review of the implications of VR and AR healthcare applications A review of current augmenting dental care An overview of typical human-computer interaction (HCI) that can help inform the development of user interface designs and novel ways to evaluate human behavior to responses in virtual reality (VR) and other new technologies A review of telemedicine technologies Building empathy in young children using augmented reality AI technologies for mobile health of stroke monitoring & rehabilitation robotics control Mobile doctor brain AI App An artificial intelligence mobile cloud computing tool Development of a robotic teaching aid for disabled children Training system design of lower limb rehabilitation robot based on virtual reality

Every Georgia Bulldogs fan has a bucket list of activities to take part in at some point in their lives. But even the most die-hard fans haven't done everything there is to experience in and around Athens, Georgia. From taking part in the Dawg Walk to meeting Uga, author Jason Butt provides ideas, recommendations, and insider tips for must-see places and can't-miss activities near Sanford Stadium. But not every experience requires a trip to campus; long-distance Dawgs fans can cross some items off their list from the comfort of their own homes. Whether you're attending every home game or supporting from afar, there's something for every fan to do in The Georgia Bulldogs Fans' Bucket List.

Offers a wide-ranging exploration of the implications, challenges, and promises of augmented reality.

Prevent destructive attacks to your Azure public cloud infrastructure, remove vulnerabilities, and instantly report cloud security readiness. This book provides comprehensive guidance from a security insider's perspective. Cyber Security on Azure explains how this 'security as a service' (SECaaS) business solution can help you better manage security risk and enable data security control using encryption options such as Advanced Encryption Standard (AES) cryptography. Discover best practices to support network security groups, web application firewalls, and database auditing for threat protection. Configure custom security notifications of potential cyberattack vectors to prevent unauthorized access by hackers, hacktivists, and industrial spies. What You'll Learn This book provides step-by-step guidance on how to: Support enterprise security policies Improve cloud security Configure intrusion detection

Identify potential vulnerabilities Prevent enterprise security failures Who This Book Is For IT, cloud, and security administrators; CEOs, CIOs, and other business professionals
Examines the governance challenges of cybersecurity through twelve, real-world case studies Through twelve detailed case studies, this superb collection provides an overview of the ways in which government officials and corporate leaders across the globe are responding to the challenges of cybersecurity. Drawing perspectives from industry, government, and academia, the book incisively analyzes the actual issues, and provides a guide to the continually evolving cybersecurity ecosystem. It charts the role that corporations, policymakers, and technologists are playing in defining the contours of our digital world. Rewired: Cybersecurity Governance places great emphasis on the interconnection of law, policy, and technology in cyberspace. It examines some of the competing organizational efforts and institutions that are attempting to secure cyberspace and considers the broader implications of the in-place and unfolding efforts—tracing how different notions of cybersecurity are deployed and built into stable routines and practices. Ultimately, the book explores the core tensions that sit at the center of cybersecurity efforts, highlighting the ways in which debates about cybersecurity are often inevitably about much more. Introduces the legal and policy dimensions of cybersecurity Collects contributions from an international collection of scholars and practitioners Provides a detailed "map" of the emerging cybersecurity ecosystem, covering the role that corporations, policymakers, and technologists play Uses accessible case studies to provide a non-technical description of key terms and technologies Rewired: Cybersecurity Governance is an excellent guide for all policymakers, corporate leaders, academics, students, and IT professionals responding to and engaging with ongoing cybersecurity challenges.
The information and digital age is shaped by a small number of multinational enterprises from a limited number of countries. This volume covers the latest insight from the International Business discipline on prevailing trends in business model evolution. It also discusses critical issues of regulation in the new information and digital space.
This book focuses on developing an understanding of the complex interplay of forces acting on individual universities and higher education systems to enable leaders and practitioners to take purposeful and strategic action. It explores the challenging landscape of higher education and the pressures that are reshaping the university as a societal institution, describing the complex interplay of technological, sociological, political and economic forces driving change. The issues analysed are global in scope, reflecting the diversity of contexts, but also the common nature of the challenges facing institutions individually and collectively. The analysis draws on the lessons learnt and evidence from over fifty organisational case studies undertaken by the author over the past decade, exploring organisational change in higher education institutions in New Zealand, Australia, the United States and the United Kingdom, and on his engagement as president of the ACODE organisation with colleagues responsible for learning technological change in Australasia. The book helps institutions respond to technological change purposefully, in ways that build upon a clear understanding of the complex nature of the existing institution, its students and the organisational context.
This book further develops both the traditional and the behavioural approach to competition law, and applies these approaches to a variety of timely issues. It discusses several fundamental questions regarding competition law and economics, and explores the applications of competition law and economics. In turn, the book analyses the interplay of intellectual property rights and patents in various aspects of competition law, and investigates the impacts that developments in information technology, such as big data analytics, have on competition law. The book also discusses the impact of energy law reforms on energy markets from a competition law perspective. Competition law is a classic field of economic analysis. This is largely due to the fact that competition law uses terms such as market, price, and competition and must therefore rely on economic know-how and analyses. In the United

States, economic analysis has greatly influenced not just the scholarship on antitrust law, but also judicial decisions and agency enforcement. Antitrust law and economics are based on the traditional paradigm of neoclassical economics, which relies on the assumption that the market players, i.e. consumers and producers, are rational. This approach to competition law was later received in Europe under the banner of a "more economic approach". For the past two decades, behavioural law and economics, which seeks to generate better insights into legal phenomena by providing more realistic psychological foundations for economic models, and to offer a multitude of applications in legislation and legal adjudication, has challenged the traditional economic approach to law in general and, more recently, to competition law specifically.

"This book draws on case studies that explore the role that technological innovation, guided by entrepreneurialism in higher education, can have on economic development and urban change. This framework of sociological analysis, with illustrative cases of successes and failures, provides insights into the transformational power of higher education in the built environment. The book's target audience includes university administrators, board members and regents, local and state government officials, and entrepreneurs"--

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