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Makers - Chris Anderson 2012-10-02
3D Robotics co-founder and bestselling author Chris Anderson takes you to the front lines of a new industrial revolution as today's entrepreneurs, using open source design and 3-D printing, bring manufacturing to the desktop. In an age of custom-fabricated, do-it-yourself product design and creation, the collective potential of a

million garage tinkerers and enthusiasts is about to be unleashed, driving a resurgence of American manufacturing. A generation of "Makers" using the Web's innovation model will help drive the next big wave in the global economy, as the new technologies of digital design and rapid prototyping gives everyone the power to invent--creating "the long tail of things".

The Turn to Infrastructure in Internet Governance - Francesca Musiani 2016-03-02 This edited volume brings together experts from around the world to provide coverage and analysis of infrastructure's role in Internet governance, both now and in the future. Never in history have conflicts over Internet governance attracted such widespread attention. High-profile controversies include the disclosures about NSA surveillance by intelligence analyst Edward Snowden, controversy over a decision by the US government to relinquish its historic oversight of Internet names and numbers, and countless cybersecurity breaches involving unauthorized access to Internet users' personal data. Much of the Internet governance ecosystem—both technical architecture and coordinating institutions—is behind the scenes but increasingly carries significant public interest implications. An area once concealed in institutional and technological complexity is now rightly bracketed among other shared global issues—such as environmental protection and human rights—that have considerable global implications but are simply incongruous with national borders. This transformation into an era of global governance by Internet infrastructure presents a moment of opportunity for scholars to bring these politicized infrastructures to the foreground.

Watch Me Play - T.L. Taylor 2018-10-16 A look at the revolution in game live streaming and

esports broadcasting Every day thousands of people broadcast their gaming live to audiences over the internet using popular sites such as Twitch, which reaches more than one hundred million viewers a month. In these new platforms for interactive entertainment, big esports events featuring digital game competitors live stream globally, and audiences can interact with broadcasters—and each other—through chat in real time. What are the ramifications of this exploding online industry? Taking readers inside home studios and backstage at large esports events, Watch Me Play investigates the rise of game live streaming and how it is poised to alter how we understand media and audiences. Through extensive interviews and immersion in this gaming scene, T. L. Taylor delves into the inner workings of the live streaming platform Twitch. From branding to business practices, she shows the pleasures and work involved in this broadcasting activity, as well as the management and governance of game live streaming and its hosting communities. At a time when gaming is being reinvented through social media, the potential of an ever-growing audience is transforming user-generated content and alternative distribution methods. These changes will challenge the meaning of ownership and intellectual property and open the way to new forms of creativity. The first book to explore the online phenomenon Twitch and live streaming games, Watch Me Play offers a vibrant look at the melding of private play and public entertainment.

Introduction to Information Systems - R. Kelly Rainer 2008-01-09
WHATS IN IT FOR ME? Information technology lives all around us-in how we communicate, how we do business, how we shop, and how we learn. Smart phones, iPods, PDAs, and wireless devices dominate our lives, and yet it's all too easy for students

to take information technology for granted. Rainer and Turban's Introduction to Information Systems, 2nd edition helps make Information Technology come alive in the classroom. This text takes students where IT lives-in today's businesses and in our daily lives while helping students understand how valuable information technology is to their future careers. The new edition provides concise and accessible coverage of core IT topics while connecting these topics to Accounting, Finance, Marketing, Management, Human resources, and Operations, so students can discover how critical IT is to each functional area and every business. Also available with this edition is WileyPLUS - a powerful online tool that provides instructors and students with an integrated suite of teaching and learning resources in one easy-to-use website. The WileyPLUS course for Introduction to Information Systems, 2nd edition includes animated tutorials in Microsoft Office 2007, with iPod content and podcasts of chapter summaries provided by author Kelly Rainer.

Transforming Global Information and Communication Markets - Peter F. Cowhey 2012-01-13 Innovation in information and communication technology (ICT) fuels the growth of the global economy. How ICT markets evolve depends on politics and policy, and since the 1950s periodic overhauls of ICT policy have transformed competition and innovation. For example, in the 1980s and the 1990s a revolution in communication policy (the introduction of sweeping competition) also transformed the information market. Today, the diffusion of Internet, wireless, and broadband technology, growing modularity in the design of technologies, distributed computing infrastructures, and rapidly changing business models signal another shift. This pathbreaking examination of ICT from a political economy perspective argues that

continued rapid innovation and economic growth require new approaches in global governance that will reconcile diverse interests and enable competition to flourish. The authors (two of whom were architects of international ICT policy reforms in the 1990s) discuss this crucial turning point in both theoretical and practical terms.

Competing for the Future - Henry Kressel 2007-04-16 Everybody knows that digital technology has revolutionised our economy and our lifestyles. But how many of us really understand the drivers behind the technology - the significance of going digital; the miniaturization of circuit boards; the role of venture capital in financing the revolution; the importance of research and development? How many of us understand what it takes to make money from innovative technologies? Should we worry about manufacturing going offshore? What is the role of India and China in the digital economy? Drawing on a lifetime's

experience in the industry, as an engineer, a senior manager and as a partner in a venture capital firm, Henry Kressel offers an expert personalized answer to all these questions. He explains how the technology works, why it matters, how it is financed and what the key lessons are for public policy.

Social Content Marketing for Entrepreneurs - James M. Barry 2014-12-30 This book will provide a practical overview of how digital content, social media, and search engine optimization work together in driving website traf c and sales leads. The goal is to educate readers on the new mindset and social tech-nologies required to drive this traffic in a timely and non-intrusive way. Readers will benefit from a comprehensive but succinct overview of how social networking, search friendly blogging, trustworthy content, contextually-targeted online campaigns, and mobile marketing techniques are trans-forming companies that embrace inbound marketing.

Unlike books that cover social media one platform or technology at a time, Social Content Marketing for Entrepreneurs is organized for readers to master elements of strategy in the order of their implementation. In so doing, it will help order the steps of professionals in the midst of launching new digital marketing initiatives as well as students tasked with completing social media marketing plans.

Global Entertainment Media
- Tanner Mirrlees 2013
A critical cultural materialist introduction to the study of global entertainment media. In Global Entertainment Media, Tanner Mirrlees undertakes an analysis of the ownership, production, distribution, marketing, exhibition and consumption of global films and television shows, with an eye to political economy and cultural studies. Among other topics, Mirrlees examines: Paradigms of global entertainment media such as cultural imperialism and cultural globalization. The business of entertainment media: the structure of capitalist culture/creative industries (financers, producers, distributors and exhibitors) and trends in the global political economy of entertainment media. The "governance" of global entertainment media: state and inter-state media and cultural policies and regulations that govern the production, distribution and exhibition of entertainment media and enable or impede its cross-border flow. The new international division of cultural labor (NICL): the cross-border production of entertainment by cultural workers in asymmetrically interdependent media capitals, and economic and cultural concerns surrounding runaway productions and co-productions. The economic motivations and textual design features of globally popular entertainment forms such as blockbuster event films, TV formats, glocalized lifestyle brands and synergistic media. The cross-cultural reception

and effects of TV shows and films. The World Wide Web, digitization and convergence culture.

Combating Terrorism - Shruti Pandalai 2019

Law and the "Sharing Economy" - Derek McKee 2018-11-27
Controversy shrouds sharing economy platforms. It stems partially from the platforms' economic impact, which is felt most acutely in certain sectors: Uber drivers compete with taxi drivers; Airbnb hosts compete with hotels. Other consequences lie elsewhere: Uber is associated with a trend toward low-paying, precarious work, whereas Airbnb is accused of exacerbating real estate speculation and raising the cost of long-term rental housing. While governments in some jurisdictions have attempted to rein in the platforms, technology has enabled such companies to bypass conventional regulatory categories, generating accusations of "unfair competition" as well as debates about the merits of existing regulatory regimes. Indeed, the platforms blur a number of familiar distinctions, including personal versus commercial activity; infrastructure versus content; contractual autonomy versus hierarchical control. These ambiguities can stymie legal regimes that rely on these distinctions as organizing principles, including those relating to labour, competition, tax, insurance, information, the prohibition of discrimination, as well as specialized sectoral regulation. This book is organized around five themes: technologies of regulation; regulating technology; the sites of regulation (local to global); regulating markets; and regulating labour. Together, the chapters offer a rich variety of insights on the regulation of the sharing economy, both in terms of the traditional areas of law they bring to bear, and the theoretical perspectives that inform their analysis. This book is published in English. - La controverse entoure les plateformes d'économie de partage, partiellement en

raison de leur impact économique. Certains secteurs subissent des contrecoups de manière plus aigüe : les chauffeurs d'Uber font concurrence aux chauffeurs de taxi, ou les hôtes Airbnb rivalisent avec les hôtels. Par ailleurs, Uber exacerberait l'emploi précaire et mal rémunéré tandis qu'Airbnb amplifierait la spéculation immobilière et entraînerait, à terme, une hausse du coût de location. On a tenté de réglementer ce type de plateformes, mais la technologie est telle qu'elle permet aux entreprises d'aisément contourner la réglementation conventionnelle, si bien que les accusations de « concurrence déloyale » fusent de toutes parts, provoquant une remise en question du cadre réglementaire. En effet, de telles plateformes viennent brouiller les cartes, confondant les distinctions convenues entre personnel et commercial, infrastructure et contenu, autonomie contractuelle et contrôle hiérarchique. Cette ambiguïté peut avoir d'importantes répercussions sur le bon fonctionnement de l'appareil réglementaire qui encadre les principes organisateurs du travail, de la concurrence, de l'impôt, de l'assurance, de l'information et de de l'interdiction de la discrimination, sans parler de la réglementation sectorielle spécialisée. Cinq thématiques sont abordées dans cet ouvrage : les technologies de la réglementation; la réglementation de la technologie; les lieux de la réglementation (du local au mondial); la réglementation des marchés; et la réglementation du travail. Les chapitres se conjuguent pour offrir une réflexion d'une gamme d'experts sur la jurisprudence traditionnelle que sur les approches théoriques qui informent et façonnent la réglementation de l'économie du partage. Ce livre est publié en anglais.
US-China Strategic Competition - S. Mahmud Ali 2015-05-14
This book examines the nature

and consequences of strategic competition between the US and China, which affects the global security landscape and the emerging security architecture across the broader Asia-Pacific region. The author illustrates the evolution of Sino-US security interactions from the anti-Soviet alliance, to temporary marginalization, to eventual strategic competition and examines cases that could potentially escalate into greater conflicts. The analysis offers tantalizing glimpses into both the dangers and promising opportunities presented by this strategic fork in the road, making it of great interest to researchers and scholars in the fields of international relations and security studies.

Strategic Decisions - Vassilis Papadakis 2012-12-06 Over the past ten years, there has been growing interest in the process of strategic decision-making among both managers and researchers. Strategic decisions are important for five main reasons: They are large-scale, risky and hard to reverse; they are a bridge between deliberate and emerging strategies; they can be a major source of organizational learning; they play an important part in the development of individual managers and they cut accross functions and academic disciplines. Strategic Decisions summarizes the current state of the art in research on strategic decision-making, with chapters prepared by leading strategy researchers. The editors also present implications for current application and proposed directions for future research.

Reinventing the Company for the Digital Age - Francisco Gonzalez 2015-04-28 The seventh edition of Spanish banking group BBVA's annual series is dedicated to unveiling the new digital business models for twenty-first century companies. Esteemed experts from BBVA, "The Economist," Harvard University, Columbia Business School, Geoffrey Moore Consulting and more, contribute texts in accessible

language.

Wikinomics - Don Tapscott 2008-04-17
The acclaimed bestseller that's teaching the world about the power of mass collaboration. Translated into more than twenty languages and named one of the best business books of the year by reviewers around the world, Wikinomics has become essential reading for business people everywhere. It explains how mass collaboration is happening not just at Web sites like Wikipedia and YouTube, but at traditional companies that have embraced technology to breathe new life into their enterprises. This national bestseller reveals the nuances that drive wikinomics, and share fascinating stories of how masses of people (both paid and volunteer) are now creating TV news stories, sequencing the human gnome, remixing their favorite music, designing software, finding cures for diseases, editing school texts, inventing new cosmetics, and even building motorcycles.

E-Sports Competitions - Meg Marquardt 2017-07
Anyone can play a video game. But what does it take to participate in an E-Sports competition? Find out more about how to find competitions, how to enter them, how the competitions are structured, and the rules competitors are expected to follow. Learning the basics of E-Sports competitions can help readers quickly climb to the top of the heap. Includes a glossary, index, and bibliography for further reading.

Connectography - Parag Khanna 2016-04-19
From the visionary bestselling author of The Second World and How to Run the World comes a bracing and authoritative guide to a future shaped less by national borders than by global supply chains, a world in which the most connected powers—and people—will win. Connectivity is the most revolutionary force of the twenty-first century. Mankind is reengineering the planet, investing up to ten trillion dollars per year in

transportation, energy, and communications infrastructure linking the world's burgeoning megacities together. This has profound consequences for geopolitics, economics, demographics, the environment, and social identity. Connectivity, not geography, is our destiny. In Connectography, visionary strategist Parag Khanna travels from Ukraine to Iran, Mongolia to North Korea, Pakistan to Nigeria, and across the Arctic Circle and the South China Sea to explain the rapid and unprecedented changes affecting every part of the planet. He shows how militaries are deployed to protect supply chains as much as borders, and how nations are less at war over territory than engaged in tugs-of-war over pipelines, railways, shipping lanes, and Internet cables. The new arms race is to connect to the most markets—a race China is now winning, having launched a wave of infrastructure investments to unite Eurasia around its new Silk Roads. The United States can only regain ground by fusing with its neighbors into a super-continental North American Union of shared resources and prosperity. Connectography offers a unique and hopeful vision for the future. Khanna argues that new energy discoveries and technologies have eliminated the need for resource wars; ambitious transport corridors and power grids are unscrambling Africa's fraught colonial borders; even the Arab world is evolving a more peaceful map as it builds resource and trade routes across its war-torn landscape. At the same time, thriving hubs such as Singapore and Dubai are injecting dynamism into young and heavily populated regions, cyber-communities empower commerce across vast distances, and the world's ballooning financial assets are being wisely invested into building an inclusive global society. Beneath the chaos of a world that appears to be falling apart is a new foundation of connectivity pulling it together. Praise for Connectography

"Incredible . . . With the world rapidly changing and urbanizing, [Khanna's] proposals might be the best way to confront a radically different future."—The Washington Post "Clear and coherent . . . a well-researched account of how companies are weaving ever more complicated supply chains that pull the world together even as they squeeze out inefficiencies. . . . [He] has succeeded in demonstrating that the forces of globalization are winning."—Adrian Woolridge, The Wall Street Journal "Bold . . . With an eye for vivid details, Khanna has . . . produced an engaging geopolitical travelogue."—Foreign Affairs "For those who fear that the world is becoming too inward-looking, Connectography is a refreshing, optimistic vision."—The Economist "Connectivity has become a basic human right, and gives everyone on the planet the opportunity to provide for their family and contribute to our shared future. Connectography charts the future of this connected world."—Marc Andreessen, general partner, Andreessen Horowitz "Khanna's scholarship and foresight are world-class. A must-read for the next president."—Chuck Hagel, former U.S. secretary of defense This title has complex layouts that may take longer to download.

Networked Public - Wei He 2016-10-18 This book coins the term "Networked Public" to describe the active social actors in new media ecology. The author argues that, in today's network society, Networked Public Communication is different than, yet has similarities with, mass communication and interpersonal communication. As such it is the emergent paradigm for research. The book reviews the historical, technological and social context for the rising of Networked Public, analyzes its constituents and characteristics, and discusses the categories and features of social media in China. By analyzing abundant cases from

recent years, the book provides answers to the key questions at micro, meso and macro-levels, including how information flows under regulation in the process of Networked Public Communication; what its features and models are; what collective action strategies and"resistance culture"have been developed as a result of Internet regulate; the nature of power games among Networked Public, mass media, political forces and capital, and the links with the development of Chinese civil society.

Trust in Cyberspace - National Research Council 1999-02-08 Whether or not you use a computer, you probably use a telephone, electric power, and a bank. Although you may not be aware of their presence, networked computer systems are increasingly becoming an integral part of your daily life. Yet, if such systems perform poorly or don't work at all, then they can put life, liberty, and property at tremendous risk. Is the trust that weâ€"as individuals and as a societyâ€"are placing in networked computer systems justified? And if it isn't, what can we do to make such systems more trustworthy? This book provides an assessment of the current state of the art procedures for building trustworthy networked information systems. It proposes directions for research in computer and network security, software technology, and system architecture. In addition, the book assesses current technical and market trends in order to better inform public policy as to where progress is likely and where incentives could help. Trust in Cyberspace offers insights into: The strengths and vulnerabilities of the telephone network and Internet, the two likely building blocks of any networked information system. The interplay between various dimensions of trustworthiness: environmental disruption, operator error, "buggy" software, and hostile attack. The implications for trustworthiness of anticipated developments in hardware and software technology, including

the consequences of mobile code. The shifts in security technology and research resulting from replacing centralized mainframes with networks of computers. The heightened concern for integrity and availability where once only secrecy mattered. The way in which federal research funding levels and practices have affected the evolution and current state of the science and technology base in this area. You will want to read this book if your life is touched in any way by computers or telecommunications. But then, whose life isn't?

Applications of Artificial Intelligence in Business, Education and Healthcare - Allam Hamdan 2021-07-12 This book focuses on the implementation of Artificial Intelligence in Business, Education and Healthcare, It includes research articles and expository papers on the applications of Artificial Intelligence on Decision Making, Entrepreneurship, Social Media, Healthcare, Education, Public Sector, FinTech, and RegTech. It also discusses the role of Artificial Intelligence in the current COVID-19 pandemic, in the health sector, education, and others. It also discusses the impact of Artificial Intelligence on decision-making in vital sectors of the economy.

Big Data Technologies for Monitoring of Computer Security: A Case Study of the Russian Federation - Sergei Petrenko 2018-05-17 This timely book offers rare insight into the field of cybersecurity in Russia -- a significant player with regard to cyber-attacks and cyber war. Big Data Technologies for Monitoring of Computer Security presents possible solutions to the relatively new scientific/technical problem of developing an early-warning cybersecurity system for critically important governmental information assets. Using the work being done in Russia on new information security systems as a case study, the book shares valuable insights gained during

the process of designing and constructing open segment prototypes of this system. Most books on cybersecurity focus solely on the technical aspects. But Big Data Technologies for Monitoring of Computer Security demonstrates that military and political considerations should be included as well. With a broad market including architects and research engineers in the field of information security, as well as managers of corporate and state structures, including Chief Information Officers of domestic automation services (CIO) and chief information security officers (CISO), this book can also be used as a case study in university courses.

The Homebrew Industrial Revolution - Kevin A. Carson 2010-01-11
A history of the rise and fall of Sloanist mass production, and a survey of the new economy emerging from the ruins: networked local manufacturing, garage industry, household microenterprises and resilient local economies.

Blown to Bits - Harold Abelson 2008
'Blown to Bits' is about how the digital explosion is changing everything. The text explains the technology, why it creates so many surprises and why things often don't work the way we expect them to. It is also about things the information explosion is destroying: old assumptions about who is really in control of our lives.

Twelve Years a Slave - Solomon Northup 2021-01-01
"Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt

Re-imagining Diffusion and Adoption of Information Technology and Systems: A Continuing Conversation - Sujeet K. Sharma 2020-12-16

This two-volume set of IFIP AICT 617 and 618 constitutes the refereed proceedings of the IFIP WG 8.6 International Working Conference "Re-imagining Diffusion and Adoption of Information Technology and Systems: A Continuing Conversation" on Transfer and Diffusion of IT, TDIT 2020, held in Tiruchirappalli, India, in December 2020. The 86 revised full papers and 36 short papers presented were carefully reviewed and selected from 224 submissions. The papers focus on the re-imagination of diffusion and adoption of emerging technologies. They are organized in the following parts: Part I: artificial intelligence and autonomous systems; big data and analytics; blockchain; diffusion and adoption technology; emerging technologies in e-Governance; emerging technologies in consumer decision making and choice; fin-tech applications; healthcare information technology; and Internet of Things Part II: diffusion of information technology and disaster management; adoption of mobile and platform-based applications; smart cities and digital government; social media; and diffusion of information technology and systems

Navigating the Indian Cyberspace Maze - Ashish Chhibbar 2020-10-28 Cyberspace has turned out to be one of the greatest discoveries of mankind. Today, we have more than four-and-a-half billion people connected to the internet and this number is all set to increase dramatically as the next generational Internet of Things (IoT) devices and 5G technology gets fully operational. India has been at the forefront of this amazing digital revolution and is a major stakeholder in the global cyberspace ecosystem. As the world embarks on embracing internet 2.0 characterised by 5G high-speed wireless interconnect, generation of vast quantities of data and domination of transformational technologies of Artificial

Intelligence (AI), block chain and big data, India has been presented with a unique opportunity to leapfrog from a developing country to a developed knowledge-based nation in a matter of years and not decades. This book presents an exciting and fascinating journey into the world of cyberspace with focus on the impactful technologies of AI, block chain and Big Data analysis, coupled with an appraisal of the Indian cyberspace ecosystem. It has been written especially for a policymaker in order to provide a lucid overview of the cyberspace domain in adequate detail.

Education for a Digital World - David G. Harper 2008
This is a comprehensive collection of proven strategies and tools for effective online teaching, based on the principles of learning as a social process. It offers practical, contemporary guidance to support e-learning decision-making, instructional choices, as well as program and course planning, and development.

Industry 4.0 - Alasdair Gilchrist 2016-06-28
Explore the current state of the production, processing, and manufacturing industries and discover what it will take to achieve re-industrialization of the former industrial powerhouses that can counterbalance the benefits of cheap labor providers dominating the industrial sector. This book explores the potential for the Internet of Things (IoT), Big Data, Cyber-Physical Systems (CPS), and Smart Factory technologies to replace the still largely mechanical, people-based systems of offshore locations. Industry 4.0: The Industrial Internet of Things covers Industry 4.0, a term that encapsulates trends and technologies that could rewrite the rules of manufacturing and production. What You'll Learn: Discover the Industrial Internet and Industrial Internet of Things See the technologies that must advance to enable Industry 4.0 and learn what is happening today to make that

happen Observe examples of the implementation of Industry 4.0 Apply some of these case studies Discover the potential to take back the lead in manufacturing, and the potential fallout that could result Who This Book is For: Business futurists, business strategists, CEOs and CTOs, and anyone with an interest and an IT or business background; or anyone who may have a keen interest in how the future of IT, industry and production will develop over the next two decades.
Rules for Growth - 2011 "Looks at the ways in which the legal system, the contents of specific laws, judicial doctrines, and regulation, as well as the legal processes - affects innovation and growth." - preface.
Cyberspace - J. Martín Ramírez 2017-05-11 This book covers many aspects of cyberspace, emphasizing not only its possible 'negative' challenge as a threat to security, but also its positive influence as an efficient tool for defense as well as a welcome new factor for economic and industrial production. Cyberspace is analyzed from quite different and interdisciplinary perspectives, such as: conceptual and legal, military and socio-civil, psychological, commercial, cyber delinquency, cyber intelligence applied to public and private institutions, as well as the nuclear governance.
Bastard Culture! - Mirko Tobias Schäfer 2011 The computer and particularly the Internet have been represented as enabling technologies, turning consumers into users and users into producers. The unfolding online cultural production by users has been framed enthusiastically as participatory culture. But while many studies of user activities and the use of the Internet tend to romanticize emerging media practices, this book steps beyond the usual framework and analyzes user participation in the context of accompanying popular and scholarly discourse, as well as the material aspects of design,

and their relation to the practices of design and appropriation.

Sustainability in a Digital World - Thomas Osburg 2017-05-17 This book offers a comprehensive introduction to the different emerging concepts in the innovative area of sustainability and digital technology. More than 20 leading thinkers from the fields of digitalization, strategic management, sustainability and organizational development share clearly structured insights on the latest developments, advances and remaining challenges concerning the role of sustainability in an increasingly digital world. The authors not only introduce a profound and unique analysis on the state-of-the art of sustainability and digital transformation, but also provide business leaders with practical advice on how to apply the latest management thinking to their daily business decisions. Further, a number of significant case studies exemplify the issues discussed and serve as valuable blueprints for decision makers. The Future of Technology - Tom Standage 2005-08-01 From the industrial revolution to the railway age, through the era of electrification, the advent of mass production, and finally to the information age, the same pattern keeps repeating itself. An exciting, vibrant phase of innovation and financial speculation is followed by a crash, after which begins a longer, more stately period during which the technology is actually deployed properly. This collection of surveys and articles from The Economist examines how far technology has come and where it is heading. Part one looks at topics such as the "greying" (maturing) of IT, the growing importance of security, the rise of outsourcing, and the challenge of complexity, all of which have more to do with implementation than innovation. Part two looks at the shift from corporate computing towards consumer technology, whereby new

technologies now appear first in consumer gadgets such as mobile phones. Topics covered will include the emergence of the mobile phone as the "digital Swiss Army knife"; the rise of digital cameras, which now outsell film-based ones; the growing size and importance of the games industry and its ever-closer links with other more traditional parts of the entertainment industry; and the social impact of technologies such as text messaging, Wi-Fi, and camera phones. Part three considers which technology will lead the next great phase of technological disruption and focuses on biotechnology, energy technology, and nanotechnology.

The Googlization of Everything - Siva Vaidhyanathan 2012-03-13 In the beginning, the World Wide Web was exciting and open to the point of anarchy, a vast and intimidating repository of unindexed confusion. Into this creative chaos came Google with its dazzling mission—"To organize the world's information and make it universally accessible"—and its much-quoted motto, "Don't be evil." In this provocative book, Siva Vaidhyanathan examines the ways we have used and embraced Google—and the growing resistance to its expansion across the globe. He exposes the dark side of our Google fantasies, raising red flags about issues of intellectual property and the much-touted Google Book Search. He assesses Google's global impact, particularly in China, and explains the insidious effect of Googlization on the way we think. Finally, Vaidhyanathan proposes the construction of an Internet ecosystem designed to benefit the whole world and keep one brilliant and powerful company from falling into the "evil" it pledged to avoid.

The New Digital Age - Eric Schmidt 2013-04-25 'This is the most important - and fascinating - book yet written about how the digital age will affect our world'

Walter Isaacson, author of Steve Jobs From two leading thinkers, the widely anticipated book that describes a new, hugely connected world of the future, full of challenges and benefits which are ours to meet and harness. The New Digital Age is the product of an unparalleled collaboration: full of the brilliant insights of one of Silicon Valley's great innovators - what Bill Gates was to Microsoft and Steve Jobs was to Apple, Schmidt (along with Larry Page and Sergey Brin) was to Google - and the Director of Google Ideas, Jared Cohen, formerly an advisor to both Secretaries of State Condoleezza Rice and Hillary Clinton. Never before has the future been so vividly and transparently imagined. From technologies that will change lives (information systems that greatly increase productivity, safety and our quality of life, thought-controlled motion technology that can revolutionise medical procedures, and near-perfect translation technology that allows us to have more diversified interactions) to our most important future considerations (curating our online identity and fighting those who would do harm with it) to the widespread political change that will transform the globe (through transformations in conflict, increasingly active and global citizenries, a new wave of cyber-terrorism and states operating simultaneously in the physical and virtual realms) to the ever present threats to our privacy and security, Schmidt and Cohen outline in great detail and scope all the promise and peril awaiting us in the coming decades. A breakthrough book - pragmatic, inspirational and totally fascinating. Whether a government, a business or an individual, we must understand technology if we want to understand the future. 'A brilliant guidebook for the next century . . . Schmidt and Cohen offer a dazzling glimpse into how the new digital revolution is changing our lives' Richard Branson

Resistance, Liberation Technology and Human

Rights in the Digital Age - Giovanni Ziccardi 2012-09-29 This book explains strategies, techniques, legal issues and the relationships between digital resistance activities, information warfare actions, liberation technology and human rights. It studies the concept of authority in the digital era and focuses in particular on the actions of so-called digital dissidents. Moving from the difference between hacking and computer crimes, the book explains concepts of hacktivism, the information war between states, a new form of politics (such as open data movements, radical transparency, crowd sourcing and "Twitter Revolutions"), and the hacking of political systems and of state technologies. The book focuses on the protection of human rights in countries with oppressive regimes.

Machine Learning for Decision Makers - Patanjali Kashyap 2018-01-04 Take a deep dive into the concepts of machine learning as they apply to contemporary business and management. You will learn how machine learning techniques are used to solve fundamental and complex problems in society and industry. Machine Learning for Decision Makers serves as an excellent resource for establishing the relationship of machine learning with IoT, big data, and cognitive and cloud computing to give you an overview of how these modern areas of computing relate to each other. This book introduces a collection of the most important concepts of machine learning and sets them in context with other vital technologies that decision makers need to know about. These concepts span the process from envisioning the problem to applying machine-learning techniques to your particular situation. This discussion also provides an insight to help deploy the results to improve decision-making. The book uses case studies and jargon busting to help you grasp the theory of machine learning quickly. You'll soon gain the big picture

of machine learning and how it fits with other cutting-edge IT services. This knowledge will give you confidence in your decisions for the future of your business. What You Will Learn Discover the machine learning, big data, and cloud and cognitive computing technology stack Gain insights into machine learning concepts and practices Understand business and enterprise decision-making using machine learning Absorb machine-learning best practices Who This Book Is For Managers tasked with making key decisions who want to learn how and when machine learning and related technologies can help them.

Lean CX - Robert Dew 2021-04-06
In recent years, many companies have realised customer experience (CX) is the new marketing battle ground. Substantial investments have been made to map customer journeys, identify pain points and improve CX to try and create cut-through. Using real world applications to introduce next generation design tools based on proven concepts from strategy, marketing, psychology and creative problem solving, Lean CX: How to Differentiate at Low Cost and Least Risk discusses how to use Lean Management approaches to innovate your customer experience. This practical book describes how the tools from Lean Management can be applied to the CX innovation problem. The authors draw on hundreds of CX design and strategic innovation projects across a range of industries, both B2B and B2C, from primary research through client work and secondary case studies available in the public domain. The examples include many different vertical industry sectors, including those involving hybrid business models. The cases included share what worked really well and where CX failed. The content goes beyond what actually happened to present an idea of what might be possible with the right design

approach and committed resources.

CISSP For Dummies - Lawrence C. Miller 2009-11-12 The bestselling guide to CISSP certification – now fully updated for the latest exam! There are currently over 75,000 CISSP certified people out there and thousands take this exam each year. The topics covered in the exam include: network security, security management, systems development, cryptography, disaster recovery, law, and physical security. CISSP For Dummies, 3rd Edition is the bestselling guide that covers the CISSP exam and helps prepare those wanting to take this security exam. The 3rd Edition features 200 additional pages of new content to provide thorough coverage and reflect changes to the exam. Written by security experts and well-known Dummies authors, Peter Gregory and Larry Miller, this book is the perfect, no-nonsense guide to the CISSP certification, offering test-taking tips, resources, and self-assessment tools. Fully updated with 200 pages of new content for more thorough coverage and to reflect all exam changes Security experts Peter Gregory and Larry Miller bring practical real-world security expertise CD-ROM includes hundreds of randomly generated test questions for readers to practice taking the test with both timed and untimed versions CISSP For Dummies, 3rd Edition can lead you down the rough road to certification success! Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Cisco TelePresence Fundamentals - Tim Szigeti 2009-05-26 Cisco TelePresence™ Systems (CTS) create live, face-to-face meeting experiences, providing a breakthrough virtual conferencing and collaboration experience that transcends anything previously achievable by videoconferencing. Although the business case for deploying CTS is compelling, implementing it requires advanced knowledge of the

latest networking technologies, an attention to detail, and thorough planning. In this book, four leading CTS technical experts cover everything you need to know to successfully design and deploy CTS in your environment. The authors cover every element of a working CTS solution: video, audio, signaling protocols and call processing, LAN and WAN design, multipoint, security, inter-company connectivity, and much more. They deliver start-to-finish coverage of CTS design for superior availability, QoS support, and security in converged networks. They also present the first chapter-length design guide of it's kind detailing the room requirements and recommendations for lighting, acoustics, and ambience within various types of TelePresence rooms. Cisco Telepresence Fundamentals is an indispensable resource for all technical professionals tasked with deploying CTS, including netadmins, sysadmins, audio/video specialists, VoIP specialists, and operations staff. This is the only book that: Introduces every component of a complete CTS solution and shows how they work together Walks through connecting CTS in real-world environments Demonstrates how to secure virtual meetings using Cisco firewalls and security protocols Includes a full chapter on effective TelePresence room design Walks through every aspect of SIP call signaling design, including both single-cluster and intercluster examples for use in a TelePresence environment Provides prequalification, room, and network path assessment considerations to help you anticipate and avoid problems Tim Szigeti, CCIE® No. 9794, technical leader within the Cisco® Enterprise Systems Engineering team, is responsible for defining Cisco TelePresence network deployment best practices. He also coauthored the Cisco Press book End-to-End QoS Network Design. Kevin McMenamy, senior manager of technical marketing in the Cisco TelePresence Systems

Business Unit, has spent the past nine years at Cisco supporting IP videoconferencing, video telephony, and unified communications. Roland Saville, technical leader for the Cisco Enterprise Systems Engineering team, tests and develops best-practice design guides for Cisco TelePresence enterprise deployments. Alan Glowacki is a Cisco technical marketing engineer responsible for supporting Cisco TelePresence customers and sales teams. Use Cisco TelePresence Systems (CTS) to enhance global teamwork and collaboration, both within your own enterprise and with your customers, partners, and vendors Understand how the various components of the Cisco TelePresence Solution connect and work together Integrate CTS into existing LAN, enterprise, and service provider networks Successfully design and deploy a global TelePresence network Understand the importance of room dimensions, acoustics, lighting, and ambience and how to properly design the physical room environment Provide the high levels of network availability CTS requires Leverage the Cisco quality of service (QoS) tools most relevant to CTS network provisioning and deployment Systematically secure CTS using TLS, dTLS, sRTP, SSH, and Cisco firewalls This book is part of the Cisco Press® Fundamentals Series. Books in this series introduce networking professionals to new networking technologies, covering network topologies, sample deployment concepts, protocols, and management techniques. Category: IP Communications Covers: Cisco TelePresence Systems
Introduction to e-Business - Colin Combe 2012-07-26 An Introduction to e-Business provides the contemporary knowledge of the key issues affecting the modern e-business environment and links theory and practice of management strategies relating to e-business. This book brings together the most cogent themes for an

introduction to e-business and constitutes a valuable contribution to formalising common themes for teaching the subject in higher education. It brings together theoretical perspectives based on academic research and the application of e-business strategies. These concepts are further explored in the six case studies that follow the set chapters. This new textbook integrates the main themes to provide a complete picture of the key elements relevant to an introductory text in e-business. To fully appreciate the e-business environment it is necessary to understand the links between the different disciplines that come together to form