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The Great Convergence - Richard Baldwin - 2016-11-14
From 1820 to 1990 the share of world income going to today's wealthy nations soared from 20% to 70%. That share has recently plummeted. Richard Baldwin shows how the combination of high tech with low wages propelled industrialization in developing nations, deindustrialization in developed nations, and a commodity supercycle that is petering out.

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The Great Convergence - Richard Baldwin - 2016-11-05
Between 1820 and 1990, the share of world income going to today's wealthy nations soared from twenty percent to almost seventy. Since then, that share has plummeted to where it was in 1900. As Richard Baldwin explains, this reversal of fortune reflects a new age of globalization that is drastically different from the old. In the 1800s, globalization leaped forward when steam power and international peace lowered the costs of moving goods across borders. This triggered a self-fueling cycle of industrial agglomeration and growth that propelled today's rich nations to dominance. That was the Great Divergence. The new globalization is driven by information technology, which has radically reduced the cost of moving ideas across borders. This has made it practical for multinational firms to move labor-intensive work to developing nations. But to keep the whole manufacturing process in sync, the firms also shipped their marketing, managerial, and technical know-how abroad along with the offshored jobs. The new possibility of combining high tech with low wages propelled the rapid industrialization of a handful of developing nations, the simultaneous deindustrialization of developed nations, and a commodity super-cycle that is only now petering out. The result is today's Great Convergence. Because globalization is now driven by fast-paced technological change and the fragmentation of production, its impact is more sudden, more selective, more unpredictable, and more uncontrollable. As The Great Convergence shows, the new globalization presents rich and developing nations alike with unprecedented policy challenges in their efforts to maintain reliable growth and social cohesion.--

The Great Convergence - Kishore Mahbubani - 2013
Examines the rise in the global middle class, which brings an unprecedented convergence of perceptions, cultures and values, and warns that a new global order needs new policies and attitudes, a balance of global interests and power, and the integration of China, India, Africa and the Islamic world. 30,000 first printing.

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Security Technology Convergence Insights - Ray Bernard - 2015-04-02
Security technology convergence, which refers to the incorporation of computing, networking, and communications technologies into electronic physical security systems, was first introduced in the 1970s with the advent of computer-based access control and alarm systems. As the pace of information technology (IT) advances continued to accelerate, the physical security industry continued to lag behind IT advances by at least two to three years. Security Technology Convergence Insights explores this sometimes problematic convergence of physical security technology and information technology and its impact on security departments, IT departments, vendors, and management. Includes material culled directly from author's column in Security Technology Executive Easy-to-read question and answer format Includes real-world examples to enhance key lessons learned

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Cloud Computing and SOA Convergence in Your Enterprise - David S. Limthicum - 2009-09-29
Massive, disruptive change is coming to IT as software as a service (SaaS), SOA, mashups, Web 2.0, and cloud computing truly come of age. Now, one of the world's leading IT innovators explains what it all means—coherently, thoroughly, and authoritatively. Writing for IT executives, architects, and developers alike, world-renowned expert David S. Limthicum explains why the days of managing IT organizations as private fortresses will rapidly disappear as IT inevitably becomes a global community. He demonstrates
beliefs about markets and globalization. How integrated should economies really be? How much regulation is right? Many people fuse these two dimensions of choice into one, either favoring both globalization and deregulation—or opposing both of them. It doesn’t have to be that way. In World 3.0, award-winning author and economist Pankaj Ghemawat reveals the folly in both of these responses. He calls for a third worldview—one in which both regulation and cross-border integration coexist and complement one another. Ghemawat starts by exposing common assumptions about globalization to bring driving real competitive advantage from cloud computing, this book is the start-to-finish roadmap you need to make it happen.

Cloud Computing and SOA Convergence in Your Enterprise - David S. Linthicum - 2009-09-29

Since the financial crisis of 2008, many of us have had to reexamine our data and processes extend far beyond the firewall—and how to use all that information to answer everything from an individual customer’s credit to the location of a specific cargo container. Cloud Computing and SOA Convergence in Your Enterprise offers a clear-eyed assessment of the challenges associated with this new world—and offers a step-by-step program for getting there with maximum return on investment and minimum risk. Using multiple examples, Linthicum Reviews the powerful cost, value, and risk-related drivers behind the move to cloud computing—and explains why the shift will accelerate. Explains the technical underpinnings, supporting technologies, and best-practice methods you’ll need to make the transition. Helps you objectively assess the promise of cloud computing and SOA for your organization, quantity value, and make the business case. Walks you through evaluating your existing IT infrastructure and finding your most cost-effective, safest path to the “cloud.” Shows how to choose the right candidate data, services, and processes for your cloud computing initiatives. Guides you through building disruptive infrastructure and next-generation process platforms. Helps you bring effective, high-value governance to the clouds. If you’re ready to begin discussing real competitive advantage from cloud computing, this book is the start-to-finish roadmap you need to make it happen.

World 3.0 - Pankaj Ghemawat - 2011-04-26

Since the financial crisis of 2008, many of us have had to reexamine our beliefs about markets and globalization. How integrated should economies really be? How much regulation is right? Many people fuse these two dimensions of choice into one, either favoring both globalization and deregulation—or opposing both of them. It doesn’t have to be that way. In World 3.0, award-winning author and economist Pankaj Ghemawat reveals the folly in both of these responses. He calls for a third worldview—one in which both regulation and cross-border integration coexist and complement one another. Ghemawat starts by exposing common assumptions about globalization to bring driving real competitive advantage from cloud computing, this book is the start-to-finish roadmap you need to make it happen.

It’s Alive - Chris Meyer - 2003-05-13

Why we are on the cusp of a new economic era that will make the changes and challenges of the Information Era seem like child’s play. From the bestselling authors of Blur—a defining book of the Information Age—comes a startling glimpse into the future and the emerging economy that awaits us. It’s Alive foretells the jolt the world is about to receive as the science of molecular evolution races out of the laboratories and into the business world. Think back to the early 1970s. Imagine the opportunities for your business, career choice, and investments had you received an advance report on the ways in which computer and information technology would revolutionize the world. It’s Alive provides that opportunity today: a realistic and persuasive look into the future—the molecular economy—and how it is starting to overtake and reshape the Information Age. Today’s gene mapping and molecular engineering are equivalent to the introduction of transistor radios at the advent of the information economy. Solid-state technology moved from the business of the future into the basic operation of the corporation itself. Chris Meyer and Stan Davis are our guides in understanding this new future. They show that not only biological systems evolve. The rules of evolution help explain the process of change in biology, business, and the economy, thereby providing a management guide to the business world around the corner. It’s Alive is not science fiction or futurology. It bases its insights and predictions on the impact the molecular economy is already having in such diverse businesses as manufacturing, financial services, and energy. Through in-depth case studies of Capital One Financial, the U.S. Marine Corps, British Petroleum, and the biotech firm Maxygen, Meyer, and Davis show how adaptive behavior works in the real world. As the rules of evolution combine with the connected economy, our business world will become unpredictable, volatile, and continually adaptive—in other words, alive. Also available as an eBook.

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Digital technology will bring globalisation and robotics (globotics) to the next long boom starts now. In technology's three core spheres—information, materials, and machines. It always takes convergent revolutions that drove the great economic expansion of the twentieth century. We've seen this pattern before. The technological revolution in information infrastructure (telephony), new machines (cars and power plants), and new materials (plastics and pharmaceuticals). Single inventions don’t drive great, long-cycle booms. It always takes convergent revolutions in technology’s three core spheres—information, materials, and machines.

Microprocessors are increasingly embedded in everything. Materials, from which everything is built, are emerging with novel, almost magical capabilities. And machines, which make and move all manner of stuff, are undergoing a complementary transformation. Accelerating and enabling all of this is the Cloud, history’s biggest infrastructure, which is itself based on the building blocks—microprocessors and artificial intelligence. We’ve seen this pattern before. The technological revolution that drove the great economic expansion of the twentieth century can be traced to a similar confluence, one that was first visible in the 1920s: a new information infrastructure (telephony), new machines (cars and power plants), and new materials (plastics and pharmaceuticals). Single inventions don’t drive great, long-cycle booms. It always takes convergent revolutions in technology’s three core spheres—information, materials, and machines.

The conventional wisdom on how technology will change the future is wrong. Mark Mills lays out a radically different and optimistic vision for what’s really coming. The mainstream forecasts fall into three camps. One considers today as the “new normal,” where ordering a ride or food on a smartphone or trading in bitcoins is as good as it’s going to get. Another foresees a dystopian era of widespread, digitally driven job- and business-destruction. A third sees that the only technological revolution that matters will be found with renewable energy and electric cars. But according to Mills, a convergence of technologies will instead drive an economic boom over the coming decade, one that historians will characterize as the “Roaring 2020s.” It will come not from any single big invention, but from the confluence of radical advances in three primary technology domains: microprocessors, materials, and machines.

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The Cloud Revolution - Mark P. Mills - 2021-10-19

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The Fourth Industrial Revolution - Klaus Schwab - 2017

World-renowned economist Klaus Schwab, Founder and Executive Chairman of the World Economic Forum, explains that we have an opportunity to shape the future of this revolution and determine whether it will advance business goals, addresses customer needs, or both. Beyond that, he tells the story of what went wrong and how to correct the course. Original published on the eve of the 2016 presidential election, Alden’s book captured the zeitgeist that would propel Donald J. Trump to the presidency. In a new introduction to the paperback edition, Alden addresses the economic challenges now facing the Trump administration, and warns that economic disruption will continue to be among the most pressing issues facing the United States. If the failure to adjust continues, Alden predicts, the political disruptions of the future will be larger still.

Failure to Adjust - Edward Alden - 2017-09-15

*Updated edition with a new foreword on the Trump administration’s trade policy* The vast benefits promised by the supporters of globalization, and by their own government, have never materialized for many Americans. In Failure to Adjust Edward Alden provides a compelling history of the last four decades of US economic and trade policies that have left too many Americans unable to adapt to or compete in the current global marketplace. He tells the story of what went wrong and how to correct the course. Originally published on the eve of the 2016 presidential election, Alden’s book captured the zeitgeist that would propel Donald J. Trump to the presidency. In a new introduction to the paperback edition, Alden addresses the economic challenges now facing the Trump administration, and warns that economic disruption will continue to be among the most pressing issues facing the United States. If the failure to adjust continues, Alden predicts, the political disruptions of the future will be larger still.

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Great Divergence and Great Convergence - Leonid Grinin - 2015-05-09

This new monograph provides a stimulating new take on hotly contested topics in world modernization and the globalizing economy. It begins by situating what is called Great Divergence—the virtual or sociotechnological revolution that led European nations to outpace the early dominance of
Commercials, evidence of this transformation is ubiquitous in today's sports. Whether you play Madden NFL on the Wii, use Nike+ along with your iPod to monitor your workouts, or channel surf and take note of the number of athlete-driven commercials, evidence of this transformation is ubiquitous in today's sports.

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Globalization of Technology

Proceedings of the Sixth Convocation of The Council of Academies of Engineering and Technological Sciences - 1988-02-01

The technological revolution has reached around the world, with important consequences for business, government, and the labor market. Computer-aided design, telecommunications, and other developments are allowing small players to compete with traditional giants in manufacturing and other fields. In this volume, 16 engineering and industrial experts representing eight countries discuss the growth of technological advances and their impact on specific industries and regions of the world. From various perspectives, these distinguished commentators describe the practical aspects of technology's reach into business and trade.

Great Convergence

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Money Games

David Carter - 2010-11-09

The businesses behind Dubai Sports City, the branding of David Beckham, and the presence and popularity of fantasy sports leagues on the internet are unmistakable indicators that the sports and the entertainment industries are quickly becoming one. Money Games provides readers with answers to this core question: how can the sports business continue to profit from the blurring of sports and entertainment? Author David M. Carter considers a wide array of implications for television content, video gaming, athlete branding, the Internet, mobile technology, gambling, sports-anchored real estate development, venue technology, and corporate marketing—in short, those areas where business opportunities exist now that sports and entertainment have become one. Money Games is a must-read for professionals and future leaders of sport II, and entertainment industries, and sports fans will also find an intriguing story about the evolution of the games that they cherish and follow.

The Next Convergence

Michael Spence - 2011-05-10

A Washington Post Notable Nonfiction Book for 2011 With the British Industrial Revolution, part of the world's population started to experience extraordinary economic growth—leading to enormous gaps in wealth and living standards between the industrialized West and the rest of the world. This pattern of divergence reversed after World War II, and now we are midway through a century of high and accelerating growth in the developing world and a new convergence with the advanced countries—a trend that is set to reshape the world. Michael Spence, winner of the Nobel Prize in Economic Sciences, explains what happened to cause this dramatic shift in the prospects of the five billion people who live in developing countries. The growth rates are extraordinary, and continuing them presents unprecedented challenges in governance, international coordination, and ecological sustainability. The implications for those living in the advanced countries are great but little understood. Spence clearly and boldly describes what's at stake for all of us as he looks ahead to how the global economy will develop over the next fifty years. The Next Convergence is certain to spark a heated debate about how best to move forward in the post-crisis period and reset the balance between national and international economic interests, and short-term fixes and long-term sustainability.

Digital Convergence

Andy Covell - 2003

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Feminism, Capitalism, and Critique - Banu Burgu - 2017-07-24

This edited collection examines the relationship between three central terms—capitalism, feminism, and critique—while critically celebrating the work and life of a thinker who has done the most to address this nexus: Nancy Fraser. In honor of her seventieth birthday, and in the spirit of her work in the tradition of critical theory, this collection brings together scholars from different disciplines and theoretical approaches to address this conjunction and evaluate Fraser’s lifelong contributions to theorizing it. Scholars from philosophy, political science, sociology, gender studies, race theory and economics come together to think through the vicissitudes of capitalism and feminism while also responding to different elements of Nancy Fraser’s work, which weaves together a strong feminist standpoint with a vibrant and complex critique of capitalism. Going beyond conventional disciplinary distinctions and narrow debates, all the contributors to this project share a commitment to critically understanding the connection between capitalism, exploitation, and the viable roads for emancipation. They recover insights provided by classical traditions of political and social thought, but they also open new research directions adapted to the global challenges of our time.

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Bound Together - Nayan Chanda - 2008-10-01

Since humans migrated from Africa and dispersed throughout the world, they have found countless ways and reasons to connect with each other. In this entertaining book, Nayan Chanda follows the exploits of traders, preachers, adventurers, and warriors throughout history as they have shaped and reshaped the world. For Chanda, globalization is a process of ever-growing interconnectedness and interdependence that began thousands of years ago and continues to this day in an increasingly abstract manner, everyday realities--stock markets in New York, a computer in Bangalore, a car in Tokyo. These connections are the product of our age and are woven into the story of human civilization. Chanda examines, in an original and engaging way, the roles of individuals and institutions in creating concrete human actions. Drawing on in-depth field research in southern India and in Australia, and folding an ethnography into a political economy examination, Xiang Biao offers a richly detailed analysis of the India-based information technology (IT) industry and its implications for our understanding of globalization today and concludes with a thought-provoking discussion of how we can and should embrace an inevitably global world.

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Is the Universe a Hologram? - Adolfo Plasencia - 2017-05-04

Questions about the physical world, the mind, and technology in conversations that reveal a rich seam of interacting ideas. Science today is more a process of collaboration than moments of individual “eurekas.” This book recreates that kind of synergy by offering a series of interconnected dialogues with leading scientists who are asked to reflect on key questions and concepts about the physical world, technology, and the mind. These thinkers offer both specific observations and broader comments about the intellectual traditions that inform these questions; doing so, they reveal a rich seam of interacting ideas. The persistent paradox of our era is that in a world of unprecedented access to information, many of the most important questions remain unsolved. These conversations (conducted by a veteran science writer, Adolfo Plasencia), weaves together a strong feminist standpoint with a vibrant and complex critique of capitalism. Going beyond conventional disciplinary distinctions and narrow debates, all the contributors to this project share a commitment to critically understanding the connection between capitalism, exploitation, and the viable roads for emancipation. They recover insights provided by classical traditions of political and social thought, but they also open new research directions adapted to the global challenges of our time.

Global “Body Shopping” - Biao Xiang - 2011-05-21

How can America’s information technology (IT) industry predict serious labor shortages while at the same time laying off tens of thousands of employees annually? The answer is the industry’s flexible labor management system—a flexibility widely regarded as the modus operandi of global capitalism today. Global “Body Shopping” explores how flexibility and uncertainty in the IT labor market are constructed and sustained through concrete human actions. Drawing on in-depth field research in southern India and in Australia, and folding an ethnography into a political economy examination, Xiang Biao offers a richly detailed analysis of the India-based global labor management practice known as “body shopping.” In this practice, a group of consultants—body shops—in different countries works together to recruit IT workers. Body shops then farm out workers to clients as project-based labor, and as projects’ completion they either place the workers with a different client or “bench” them to await the next placement. Thus, labor is managed globally to serve volatile capital movement. Underpinning this practice are unequal socioeconomic relations on multiple levels. While wealth in the New Economy is created in an increasingly abstract manner, everyday realities—stock markets in New


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surveillance. Lastly, he addresses the social impact of surveillance on children in Indian villages—sustain this flexibility.

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**Exploring the Convergence of Big Data and the Internet of Things** - Prasad, A.V. Krishna - 2017-08-11

The growth of Internet use and technologies has increased exponentially within the business sector. When utilized properly, these applications can enhance business functions and make them easier to perform. Exploring the Convergence of Big Data and the Internet of Things is a pivotal reference source featuring the latest empirical research on the business use of computing devices to send and receive data in conjunction with analytic applications to reduce maintenance costs, avoid equipment failures, and improve business operations. Including research on a broad range of topics such as supply chain, aquaculture, and speech recognition systems, this book is ideally designed for researchers, academicians, and practitioners seeking current research on various technology uses in business.

**Cellular Convergence and the Death of Privacy** - Professor Stephen B. Wicker - 2013-08-21

Cellular technology has always been a surveillance technology, but “cellular convergence” — the growing trend for all forms of communication to consolidate onto the cellular handset — has dramatically increased the impact of that surveillance. In Cellular Convergence and the Death of Privacy, Stephen Wicker explores this unprecedented threat to privacy from three distinct but overlapping perspectives: the technical, the legal, and the social. Professor Wicker first describes cellular technology and cellular surveillance using language accessible to non-specialists. He then examines current legislation and Supreme Court jurisprudence that form the framework for discussions about rights in the context of cellular individual users. The story he tells is one of a technology that is changing the face of politics and economics, but in ways that remain highly uncertain.


A pair of technology experts describe how humans will have to keep pace with machines in order to become prosperous in the future and identify strategies and policies for business and individuals to use to combine digital processing power with human ingenuity.

**Telecommunications Convergence** - Steven Shepard - 2000

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One of the first books on telecom convergence shows the advantages of a service-oriented (not just technological) approach for telecom industry professionals. Shepard offers a blueprint for how to survive and thrive in the convergence market and provides a companion Website for constant updates. 75 illustrations.

The Future of Television - Ioannis Deliyannis - 2019-03-13
This book presents a collection of chapters that focus on the convergence of television today, approached using an interdisciplinary perspective. Clearly, the importance of technological advances describes only one aspect of this evolutionary process. In this book, convergence is also examined from other equally important perspectives, which include a historical case study on convergence and culture-viewer evolution and the changes that interactivity has introduced as opposed to static content. Because this publication focuses on all aspects that transform the medium, users, content, broadcasting, and interactive technology, it becomes evident that convergence is a highly interdisciplinary subject that must always be addressed from various perspectives.

Media and Convergence Management - Sandra Diehl - 2013-05-24
Convergence has gained an enormous amount of attention in media studies within the last several years. It is used to describe the merging of former distinct functions, markets and fields of application, which has changed the way companies operate and consumers perceive and process media content. These transformations have not only led business practices to change and required companies to adapt to new conditions, they also continue to have a lasting impact on research in this area. This book’s main purpose is to shed some light on crucial phenomena of media and convergence management, while also addressing more specific issues brought about by innovations related to media, technologies, industries, business models, consumer behavior and content management. This book gathers insights from renowned academic researchers and pursues a highly interdisciplinary approach. It will serve as a valuable reference guide for students, practitioners and researchers interested in media convergence processes.

Encyclopedia of Information Technology Curriculum Integration - Tomei, Lawrence A. - 2008-02-28
As more and more universities, schools, and corporate training organizations develop technology plans to ensure technology will directly benefit learning and achievement, the demand is increasing for an all-inclusive, authoritative reference source on the infusion of technology into curriculums worldwide. The Encyclopedia of Information Technology Curriculum Integration amasses a comprehensive resource of concepts, methodologies, models, architectures, applications, enabling technologies, and best practices for integrating technology into the curriculum at all levels of education. Compiling 154 articles from over 125 of the world’s leading experts on information technology, this authoritative reference strives to supply innovative research aimed at improving academic achievement, teaching and learning, and the application of technology in schools and training environments.

Creating Business Agility - Rodney Heisterberg - 2014-09-15
"Focuses on the technology innovations that may help in building virtual businesses and making existing businesses smarter and efficient in their operations. Intended to help key decision makers understand more about introducing new technologies into businesses"--

The Age of Surveillance Capitalism - Shoshana Zuboff - 2019-01-15
The challenges to humanity posed by the digital future, the first detailed examination of the unprecedented form of power called "surveillance capitalism," and the quest by powerful corporations to predict and control our behavior. In this masterwork of original thinking and research, Shoshana Zuboff provides startling insights into the phenomenon that she has named surveillance capitalism. The stakes could not be higher: a global architecture of behavior modification threatens human nature in the twenty-first century just as industrial capitalism disfigured the natural world in the twentieth. Zuboff vividly brings to life the consequences as surveillance capitalism advances from Silicon Valley into every economic sector. Vast wealth and power are accumulated in ominous new "behavioral futures markets," where predictions about our behavior are bought and sold, and the production of goods and services is subordinated to a new "means of behavioral modification." The threat has shifted from a totalitarian Big Brother state to a ubiquitous digital architecture: a "Big Other" operating in the interests of surveillance capital. Here is the crucible of an unprecedented form of power marked by extreme concentrations of knowledge and free from democratic oversight. Zuboff's comprehensive and moving analysis lays bare the threats to twenty-first century society: a controlled "hive" of total connection that seduces with promises of total certainty for maximum profit -- at the expense of democracy, freedom, and our human future. With little resistance from law or society, surveillance capitalism is on the verge of dominating the social order and shaping the digital future -- if we let it.

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**Smart Technology Applications in Business Environments** - Issa, Tomayess - 2017-03-03
Technology continues to make great strides in society by providing opportunities for advancement, inclusion, and global competency. As new systems and tools arise, novel applications are created as well. Smart Technology Applications in Business Environments is an essential reference source for the latest scholarly research on the risks and opportunities of utilizing the latest technologies in different aspects of society such as education, healthcare systems, and corporations. Featuring extensive coverage on a broad range of topics and perspectives including virtual reality, robotics, and social media, this publication is ideally designed for academicians, researchers, students, and practitioners seeking current research on the improvement and increased productivity from the implementation of smart technologies.

**Information Technology Law** - Ian Lloyd - 2020-04-23
Information technology affects all aspects of modern life. From the information shared on social media such as Facebook, Twitter, and Instagram to online shopping and mobile devices, it is rare that a person is not touched by some form of IT every day. Information Technology Law examines the legal dimensions of these everyday interactions with technology and the impact on privacy and data protection, as well as their relationship to other areas of substantive law, including intellectual property and criminal proceedings. Focusing primarily on developments within the UK and EU, this book provides a broad-ranging introduction and analysis of the increasingly complex relationship between the law and IT. Information Technology Law is essential reading for students of IT law and also appropriate for business and management students, as well as IT and legal professionals. Online resources The accompanying online resources include a catalogue of web links to key readings and updates to the law since publication.

**The Gig Economy** - Brian Dolber - 2021-05-31
This edited collection examines the gig economy in the age of convergence from a critical political economic perspective. Contributions explore how media, technology, and labor are converging to create new modes of production, as well as new modes of resistance. From rideshare drivers in Los Angeles to domestic workers in Delhi, from sex work to podcasting, this book draws together research that examines the gig economy's exploitation of workers and their resistance. Employing critical theoretical perspectives and methodologies in a variety of national contexts, contributors consider the roles that media, policy, culture, and history, as well as gender, race, and ethnicity play in forging working conditions in the 'gig economy'. Contributors examine the complex and historical relationships between media and gig work integral to capitalism with the aim of exposing and, ultimately, ending exploitation. This book will appeal to students and scholars examining questions of technology, media, and labor across media and communication studies, information studies, and labor studies as well as activists, journalists, and policymakers.