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The AI-Powered Enterprise
Digital Business Leadership
Tropical Cyclone Activity over the North Indian Ocean
The Vortex State
Indian Summer Monsoon Variability
The End of Competitive Advantage
Digitalization Cases Vol. 2
7th International Conference on the Development of Biomedical Engineering in Vietnam (BME7)

ASIA CARLEE

Tropical Cyclone Intensity Analysis Using Satellite Data Springer Nature

The proliferation of entrepreneurship, technological and business innovations, emerging social trends and lifestyles, employment patterns, and other developments in the global context involve creative destruction that transcends geographic and political boundaries and economic sectors and industries. This creates a need for an interdisciplinary exploration of disruptive technologies, their impacts, and their implications for various stakeholders widely ranging from government agencies to major corporations to consumer groups and individuals. *Disruptive Technology: Concepts, Methodologies, Tools, and Applications* is a vital reference source that examines innovation, imitation, and creative destruction as critical factors and agents of socio-economic growth and progress in the context of emerging challenges and opportunities for business development and strategic advantage. Highlighting a range of topics such as IT innovation, business strategy, and sustainability, this multi-volume book is ideally designed for entrepreneurs, business executives, business professionals, academicians, and researchers interested in strategic decision making using innovations and competitiveness.

Cisco Digital Network Architecture
Harvard Business Press

One of the most spectacular consequences of the description of the superfluid condensate in superfluid He or in superconductors as a single macroscopic quantum state is the

quantization of circulation, resulting in quantized vortex lines. This book draws no distinction between superfluid He3 and He4 and superconductors. The reader will find the essential introductory chapters and the most recent theoretical and experimental progress in our understanding of the vortex state in both superconductors and superfluids, from lectures given by leading experts in the field, both experimentalists and theoreticians, who gathered in Cargèse for a NATO ASI. The peculiar features related to short coherence lengths, 2D geometry, high temperatures, disorder, and pinning are thoroughly discussed.

Revolution of Innovation

Management Springer Science & Business Media

This volume presents the proceedings of the 7th International Conference on the Development of Biomedical Engineering in Vietnam which was held from June 27-29, 2018 in Ho Chi Minh City. The volume reflects the progress of Biomedical Engineering and discusses problems and solutions. It aims to identify new challenges, and shaping future directions for research in biomedical engineering fields including medical instrumentation, bioinformatics, biomechanics, medical imaging, drug delivery therapy, regenerative medicine and entrepreneurship in medical devices.

Digital Business Models Networking
Technology

This book presents a rich compilation of real-world cases on digitalization, aiming to share first-hand insights from renowned organizations and to make digitalization tangible. With all economic and societal sectors being challenged by emerging technologies, the digital economy is highly volatile, uncertain, complex, and ambiguous. It confronts

established organizations with substantial challenges and opportunities. Against this backdrop, this book reports on best practices and lessons learned from organizations that succeeded in tackling the challenges and seizing the opportunities of the digital economy. It illustrates how twenty organizations leveraged their capabilities to create disruptive innovation, to develop digital business models, and to digitally transform themselves. These cases stem from various industries (e.g. automotive, insurance, consulting, and public services) and countries, covering the many facets that digitalization may have. As all case descriptions follow a unified template, they are easily accessible for readers and provide insightful examples for practitioners as well as interesting cases for researchers, teachers, and students. Almost every organization is trying to figure out how best to respond to the opportunities and threats posed by digitalization. This book provides valuable lessons from those organizations that have already begun their digital transformation journey.

Michael D. Myers, Professor of Information Systems, University of Auckland Digitalization Cases provides firsthand insights into the efforts of renowned companies. The presented actions, results, and lessons learned are a great inspiration for managers, students, and academics. This book gives real pointers on the how and where to start.

Anna Kopp, Head of IT Germany, Microsoft The cases compiled in the second volume of Digitalization Cases show how disruption can actively be managed. Further, long-term insights from extended success stories of the first edition highlight that courage to change pays off well. This book represents a motivation for organizations

to drive their digital transformation journeys actively.

Markus Richter, State Secretary at the Federal Ministry of the Interior, Building and Community and Federal Government Commissioner for Information Technology, Germany

Radar Meteorology Springer

Why an organization's response to digital disruption should focus on people and processes and not necessarily on technology. Digital technologies are disrupting organizations of every size and shape, leaving managers scrambling to find a technology fix that will help their organizations compete. This book offers managers and business leaders a guide for surviving digital disruptions—but it is not a book about technology. It is about the organizational changes required to harness the power of technology. The authors argue that digital disruption is primarily about people and that effective digital transformation involves changes to organizational dynamics and how work gets done. A focus only on selecting and implementing the right digital technologies is not likely to lead to success. The best way to respond to digital disruption is by changing the company culture to be more agile, risk tolerant, and experimental. The authors draw on four years of research, conducted in partnership with MIT Sloan Management Review and Deloitte, surveying more than 16,000 people and conducting interviews with managers at such companies as Walmart, Google, and Salesforce. They introduce the concept of digital maturity—the ability to take advantage of opportunities offered by the new technology—and address the specifics of digital transformation, including cultivating a digital environment, enabling intentional collaboration, and fostering an

experimental mindset. Every organization needs to understand its “digital DNA” in order to stop “doing digital” and start “being digital.” Digital disruption won't end anytime soon; the average worker will probably experience numerous waves of disruption during the course of a career. The insights offered by *The Technology Fallacy* will hold true through them all. A book in the *Management on the Cutting Edge* series, published in cooperation with MIT Sloan Management Review.

Global Innovation Index 2016 Springer Nature

Includes bibliographical references and index.

Disruptive Technology: Concepts, Methodologies, Tools, and Applications Springer

This Dictionary covers information and communication technology (ICT), including hardware and software; information networks, including the Internet and the World Wide Web; automatic control; and ICT-related computer-aided fields. The Dictionary also lists abbreviated names of relevant organizations, conferences, symposia and workshops. This reference is important for all practitioners and users in the areas mentioned above, and those who consult or write technical material. This Second Edition contains 10,000 new entries, for a total of 33,000.

Climate Change and Island and Coastal Vulnerability Food & Agriculture Org.

Learn how to develop and employ an ontology, the secret weapon for successfully using artificial intelligence to create a powerful competitive advantage in your business. *The AI-Powered Enterprise* examines two fundamental questions: First, how will the future be different as a result of artificial intelligence? And second, what

must companies do to stake their claim on that future? When the Web came along in the mid-90s, it transformed the behavior of customers and remade whole industries. Now, as part of its promise to bring revolutionary change in untold ways to human activity, artificial intelligence—AI—is about to create another complete transformation in how companies create and deliver value to customers. But despite the billions spent so far on bots and other tools, AI continues to stumble. Why can't it magically use all the data organizations generate to make them run faster and better? Because something is missing. AI works only when it understands the soul of the business. An ontology is a holistic digital model of every piece of information that matters to the business, from processes to products to people, and it's what makes the difference between the promise of AI and delivering on that promise. Business leaders who want to catch the AI wave—rather than be crushed by it—need to read *The AI-Powered Enterprise*. The book is the first to combine a sophisticated explanation of how AI works with a practical approach to applying AI to the problems of business, from customer experience to business operations to product development.

The Technology Fallacy Elsevier

This book explains to governments, decision makers and disaster professionals the potential uses of recent technologies for disaster monitoring and risk reduction based on the knowledge and experience of prominent experts/researchers in the relevant fields. It discusses the application of recent technological developments for emerging disaster risks in today's societies and deliberates on the various aspects of disaster risk reduction

strategies, especially through sustainable community resilience and responses. This book consists of selected invited papers on disaster management, which focus on community resilience and responses towards disaster risk reduction based on experiences, and closely examines the coordinated research activities involving all stakeholders, especially the communities at risk. Many regions of the world and aspects of disaster risk and its management are covered. It is described how recent technologies will support better understanding and action to reduce the number and impact of disasters in future. The principal audience for this book is researchers, urban planners, policy makers, as well as students.

How is Digitalization Affecting Agriculture? IGI Global

Are you at risk of being trapped in an uncompetitive business? Chances are the strategies that worked well for you even a few years ago no longer deliver the results you need. Dramatic changes in business have unearthed a major gap between traditional approaches to strategy and the way the real world works now. In short, strategy is stuck. Most leaders are using frameworks that were designed for a different era of business and based on a single dominant idea—that the purpose of strategy is to achieve a sustainable competitive advantage. Once the premise on which all strategies were built, this idea is increasingly irrelevant. Now, Columbia Business School professor and globally recognized strategy expert Rita Gunther McGrath argues that it's time to go beyond the very concept of sustainable competitive advantage. Instead, organizations need to forge a new path to winning: capturing opportunities fast,

exploiting them decisively, and moving on even before they are exhausted. She shows how to do this with a new set of practices based on the notion of transient competitive advantage. This book serves as a new playbook for strategy, one based on updated assumptions about how the world works, and shows how some of the world's most successful companies use this method to compete and win today. Filled with compelling examples from "growth outlier" firms such as Fujifilm, Cognizant Technology Solutions, Infosys, Yahoo! Japan, and Atmos Energy, *The End of Competitive Advantage* is your guide to renewed success and profitable growth in an economy increasingly defined by transient advantage.

Innovations and Traditions for Sustainable Development Berrett-Koehler Publishers

Indian Summer Monsoon Variability: El Niño-Teleconnections and Beyond presents the improved understanding of Indian Monsoon teleconnections (ENSO and Non-ENSO), new advances, and preferred future steps. Special emphasis is given to non-ENSO teleconnections which have been poorly understood for decades. With growing monsoon rainfall extremes across the Indian Subcontinent, a new understanding of monsoon environmental factors that are driven remotely through teleconnections is a trending topic. Finally, the book reviews current understanding of the observational and modeling aspects of Indian monsoon teleconnections. This is a must-read for researchers and graduate students in atmospheric science and meteorology. Presents teleconnections associated with the Indian summer monsoon from a global perspective. Discusses new pathways that connect the remote drivers to Indian

summer monsoon variability Covers a wide range of mechanisms, processes, and science questions in relation to monsoon variability from interannual, decadal to climate change time scales

Innovative Business Practices Penguin
This book will broaden readers' understanding of the links between the music and fashion industries. It highlights the challenges currently facing the fashion industry in terms of hyper-competition, definition of ever-faster trends, changing consumer demands etc. In fact, the fashion industry is heavily influenced by the digital revolution in the music industry, which has changed the face of individual music consumption and social reference, and therefore, also has impacts on fashion consumption and social reference. This understanding is crucial in order to realign any fashion company's strategies to the demands of modern fashion consumers. In terms of content, the book first discusses the social perspective of fashion and music. This includes an analysis of music as a key influencer of fashion trends, both theoretically and on the basis of a case study on grunge music. Then the role of music in the fashion business is addressed, and covers in-store music and the role of music in fashion communication. Following up, the role of fashion in the music business is analyzed. This includes the trend of co-design of fashion collections, music artists' role of differentiation by style, and the market for music fashion merchandise articles (both theoretically and drawing on a case study). In closing, potential lessons learned from the music industry are developed for the fashion industry. This includes an analysis of the digital revolution and the advent of the crowdfunding idea (both theoretically

and in a case study).

NASA Historical Data Book Springer
This second decade of the millennium finds the world changing at a once unimaginable pace. Businesses, tangled in the interwoven threads of galloping globalization, technological advances, cultural diversity, economic recession and deep-rooted human social evolution, struggle to keep up with incessant changes; consequently and inexorably experiencing severe difficulties and disorientation. Executives, much bewildered, habitually turn to conventional, time-honoured strategies and practices, which increasingly fail to offer the much-sought answers and means to survival, competitiveness and growth. We are currently experiencing a business era of turbulence and dynamic change – an era that inherently rejects conventionality and orthodox business theory to reward businesses embracing agility, reflex-style adaptability, innovation and creativity. This turbulence is, however, not a parenthesis or even a pattern, but the new reality in which each business must reinvent and redefine itself. This is a new reality of stakeholders that shift focus from the external to the internal, from the tangible to the intangible, and from fact to perception. This book presents research and paradigms that transcend classical theory in order to examine how business practice is positively affected by these conditions. Across a multitude of sectors and organisational types, scholars of different business specialisations set the theoretical foundations of contemporary thinking and present their practical implementations.

Organizational Project Management
Springer

Very Good, No Highlights or Markup, all

pages are intact.

Digital Vortex MIT Press

Using real cases of food firms and agriculture supply chains as a context, *How is Digitalization Affecting Agri-food? New Business Models, Strategies and Organizational Forms* aims to understand the key themes in strategic and organizational research in this area. Despite the importance of food and agriculture in the current political and societal context, analysis of the impact of digitalization and information technologies on the industry is still limited. The objective of this monograph is to understand the direction of this change. With case studies of food firms and agriculture supply chains it sets out to conceptualize food organizing and organizations as a fruitful object of inquiry, both at the intra and interorganizational levels. It aims to understand new business models, strategies, and organizational forms. Contributions in this stream of research have the potential to yield important and relevant insights for both scholars and societies. This book is written primarily for academics engaged in innovation management or strategy, or conducting organizational behavior research. It will also be of relevance to practitioners and managers in the agri-food industry.

Fashion & Music Springer

The complete guide to transforming enterprise networks with Cisco DNA As networks become more complex and dynamic, organizations need better ways to manage and secure them. With the Cisco Digital Network Architecture, network operators can run entire network fabrics as a single, programmable system by defining rules that span their devices and move with their users. Using Cisco intent-based networking, you spend less time

programming devices, managing configurations, and troubleshooting problems so you have more time for driving value from your network, your applications, and most of all, your users. This guide systematically introduces Cisco DNA, highlighting its business value propositions, design philosophy, tenets, blueprints, components, and solutions. Combining insider information with content previously scattered through multiple technical documents, it provides a single source for evaluation, planning, implementation, and operation. The authors bring together authoritative insights for multiple business and technical audiences. Senior executives will learn how DNA can help them drive digital transformation for competitive advantage. Technical decision-makers will discover powerful emerging solutions for their specific needs. Architects will find essential recommendations, interdependencies, and caveats for planning deployments. Finally, network operators will learn how to use DNA Center's modern interface to streamline, automate, and improve virtually any network management task.

- Accelerate the digital transformation of your business by adopting an intent-based network architecture that is open, extensible, and programmable
- Integrate virtualization, automation, analytics, and cloud services to streamline operations and create new business opportunities
- Dive deep into hardware, software, and protocol innovations that lay the programmable infrastructure foundation for DNA
- Virtualize advanced network functions for fast, easy, and flexible deployments
- Translate business intent into device configurations and simplify, scale, and automate network operations using controllers
- Use analytics to tune

performance, plan capacity, prevent threats, and simplify troubleshooting · Learn how Software-Defined Access improves network flexibility, security, mobility, visibility, and performance · Use DNA Assurance to track the health of clients, network devices, and applications to reveal hundreds of actionable insights · See how DNA Applic...

Digital Vortex Routledge

In this Wall Street Journal bestseller, why the future of work requires the deconstruction of jobs and the reconstruction of work. Work is traditionally understood as a “job,” and workers as “jobholders.” Jobs are structured by titles, hierarchies, and qualifications. In *Work without Jobs*, the Wall Street Journal bestseller, Ravin Jesuthasan and John Boudreau propose a radically new way of looking at work. They describe a new “work operating system” that deconstructs jobs into their component parts and reconstructs these components into more optimal combinations that reflect the skills and abilities of individual workers. In a new normal of rapidly accelerating automation, demands for organizational agility, efforts to increase diversity, and the emergence of alternative work arrangements, the old system based on jobs and jobholders is cumbersome and ungainly. Jesuthasan and Boudreau’s new system lays out a roadmap for the future of work. *Work without Jobs* presents real-world cases that show how leading organizations are embracing work deconstruction and reinvention. For example, when a robot, chatbot, or artificial intelligence takes over parts of a job while a human worker continues to do other parts, what is the “job”? DHL found some answers when it deployed social robotics at its distribution centers.

Meanwhile, the biotechnology company Genentech deconstructed jobs to increase flexibility, worker engagement, and retention. Other organizations achieved agility with internal talent marketplaces, worker exchanges, freelancers, crowdsourcing, and partnerships. It’s time for organizations to reboot their work operating system, and *Work without Jobs* offers an essential guide for doing so.

Sub-seasonal to Seasonal Prediction
Springer

This book presents strategies and practices to allow everyday companies to cope with the fundamentally changing landscape of business models and to take advantage of the huge business opportunities arising from the advent of big data. It develops several case studies from companies in traditional industries like LEGO, Yamato and Mediq, but also examines small start-ups like Space Tango, which is partnering with major multinationals to develop new business models using big data. The book argues that businesses need to adapt and embark on their big data journey, helps them take the first step, and guides them along their way. It presents successful examples and deducts essential takeaway lessons from them, equipping executives to capitalize on big data and enabling them to make intelligent decisions in the big data transformation, giving their companies an essential competitive edge.

A Prairie Home Companion Springer
Nature

The Gap Between Weather and Climate Forecasting: Sub-seasonal to Seasonal Prediction is an ideal reference for researchers and practitioners across the range of disciplines involved in the science, modeling, forecasting and application of this new frontier in sub-

seasonal to seasonal (S2S) prediction. It provides an accessible, yet rigorous, introduction to the scientific principles and sources of predictability through the unique challenges of numerical simulation and forecasting with state-of-science modeling codes and supercomputers. Additional coverage includes the prospects for developing applications to trigger early action decisions to lessen weather catastrophes, minimize costly damage, and optimize operator decisions. The book consists of a set of contributed chapters solicited from experts and leaders in the fields of S2S predictability science, numerical modeling, operational forecasting, and developing application sectors. The introduction and conclusion, written by the co-editors, provides historical perspective, unique synthesis and prospects, and emerging opportunities in this exciting, complex and interdisciplinary field. Contains contributed chapters from leaders and experts in sub-seasonal to seasonal science, forecasting and applications Provides a one-stop shop for graduate students, academic and applied researchers, and practitioners in an emerging and interdisciplinary field Offers a synthesis of the state of S2S science through the use of concrete examples, enabling potential users of S2S forecasts to quickly grasp the

potential for application in their own decision-making Includes a broad set of topics, illustrated with graphic examples, that highlight interdisciplinary linkages

Dictionary of Acronyms and Technical Abbreviations Springer Science & Business Media

This book explores the Sundarbans eco-region from a trans-boundary perspective, examining the cross-country interaction that helps planners to develop more efficient coastal zone planning for the delta. The dynamic ecosystem of the Sundarbans is considered the largest coastal delta in the world. It is located in the Bay of Bengal and spans across Bangladesh and West Bengal (India). Featuring chapters by experts from a range of fields, it addresses (i) risk factor analyses, and the geohydrological, climatic, natural, socio-economic, and anthropological factors related to the Sundarbans; (ii) strategies for sustainability in natural resource management in trans-boundary Sundarbans, cutting across political boundaries; (iii) improved agriculture, fisheries, and forestry practices and their impacts on the socio-economy for livelihood security; and (iv) a future road map for improvements. This book will be of value to those working in academia, as well as to experts and professionals in coastal zone planning and management.

Best Sellers - Books :

- [It's Not Summer Without You By Jenny Han](#)
- [The Mountain Is You: Transforming Self-sabotage Into Self-mastery By Brianna Wiest](#)
- [If Animals Kissed Good Night By Ann Whitford Paul](#)
- [A Court Of Silver Flames \(a Court Of Thorns And Roses, 5\)](#)
- [American Prometheus: The Triumph And Tragedy Of J. Robert Oppenheimer](#)
- [Twisted Lies \(twisted, 4\) By Ana Huang](#)
- [The Courage To Be Free: Florida's Blueprint For America's Revival By Ron Desantis](#)
- [Playground](#)

- [The Seven Husbands Of Evelyn Hugo: A Novel](#)
- [Hello Beautiful \(oprah's Book Club\): A Novel](#)