The Next Generation Operating Model For The Digital World

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The Real-Time Revolution - Jerry Power 2019-09-03
Time has become a precious commodity, so business leaders who can save their customers' time more effectively than competitors do will win their loyalty. This book shows how it's done. Business survival requires valuing what customers value—and in our overworked and distraction-rich era, customers value their time above all else. Real-time companies beat their rivals by being faster and more responsive in meeting customer needs. To become a real-time company, as top scholars Jerry Power and Tom Ferratt explain, you need a real-time monitoring and response system. They offer detailed advice on how to put procedures in place that will collect data on how well products or services are saving customer time; identify strengths, weaknesses, threats, and opportunities; and specify innovations needed to save even more customer time. Where should leaders look to innovate? Powers and Ferratt say to search every step in the life of a product or service, from development to production to usage. And for each step, they identify four possible levers for innovation: the design of the products or services themselves, the process used to produce them, the data that can be gathered on their use, and the people who make or provide the product or service. The book features dozens of examples of companies that are getting it right and the innovations they used to help their customers

save time, all while helping themselves to a hefty slice of market share. This is a comprehensive, authoritative guide to thriving in a revolution that is sweeping every industry and sector.

Next Generation Business Strategies for the Base of the Pyramid - Ted London 2011
This book shares proven, "on-the-ground" insights for building "Base of the Pyramid" businesses that really are sustainable and green, will help alleviate social ills, and can scale to significant size and profitability. Its "second-generation" techniques reflect crucial lessons learned by "BoP" pioneers: lessons that dramatically increase the likelihood of success.

Strategy in Action - Angel Gavieiro Besteiro 2022-04-27
How to develop best-practice strategy in a business or a multinational organization? Putting in value the strategy function and embracing a Holistic Management Strategy (HMS) framework would unleash performance for any business or organization. This book illustrates with real examples the HMS, a set of 10 frameworks that provide best-practice to design and develop strategy. The HMS approach is differentiated between business unit and divisional/group level, and adapted to situations of existing versus new markets and organic versus inorganic growth. The book introduces new topics such as integrated business model and strategy & financial plan at business unit level,

attractiveness and opportunities framework for new markets linked with inorganic growth, portfolio horizons connected with the company's market valuation gap, leadership & management excellence programme (e.g. THICOSIV), company excellence based on a balanced designed and considered decision-making, the future of the strategy function, and seven meta-architectural levers to successfully address digital disruption.

Business Model Generation - Alexander Osterwalder 2013-02-01
Business Model Generation is a handbook for visionaries, game changers, and challengers striving to defy outmoded business models and design tomorrow's enterprises. If your organization needs to adapt to harsh new realities, but you don't yet have a strategy that will get you out in front of your competitors, you need Business Model Generation. Co-created by 470 "Business Model Canvas" practitioners from 45 countries, the book features a beautiful, highly visual, 4-color design that takes powerful strategic ideas and tools, and makes them easy to implement in your organization. It explains the most common Business Model patterns, based on concepts from leading business thinkers, and helps you reinterpret them for your own context. You will learn how to systematically understand, design, and implement a game-changing business model--or analyze and renovate an old one. Along the way, you'll understand at a much deeper level your customers, distribution channels, partners, revenue streams, costs, and your core value proposition. Business Model Generation features practical innovation techniques used today by leading consultants and companies worldwide, including 3M, Ericsson, Capgemini, Deloitte, and others. Designed for doers, it is for those ready to abandon outmoded thinking and embrace new models of value creation: for executives, consultants, entrepreneurs, and leaders of all organizations. If you're ready to change the rules, you belong to "the business model generation!"

Essential Topics Of Managing Information Systems - Jun Xu 2019-11-05
This comprehensive compendium is about managing information systems and focuses on relationships between information, information systems, people and business. The impacts, roles, risks, challenges as well as emerging trends of information systems are an important element of the book.Essential and critical information systems management skills including using information systems for competitive advantages, planning and evaluating information systems, developing and implementing information systems, and managing information systems operation form a critical part of this unique reference text.Current topics like digital platforms, agile organization, DevOps, blockchain, 5G, data center and quantum computing prove indispensable for readers who want to stay in the forefront of today's complex information systems.

21st Century Manufacturing - National Research Council 2013-09-27
The Manufacturing Extension Partnership (MEP) - a program of the U.S. Department of Commerce's National Institute of Standards and Technology - has sought for more than two decades to strengthen American manufacturing. It is a national network of affiliated manufacturing extension centers and field offices located throughout all fifty states and Puerto Rico. Funding for MEP Centers comes from a combination of federal, state, local and private resources. Centers work directly with manufacturing firms in their state or sub-state region. MEP Centers provide expertise, services and assistance directed toward improving growth, supply chain positioning, leveraging emerging technologies, improving manufacturing processes, work force training, and the application and implementation of information in client companies through direct assistance provided by Center staff and from partner organizations and third party consultants. 21st Century Manufacturing seeks to generate a better understanding of the operation, achievements, and challenges of the MEP program in its mission to support, strengthen, and grow U.S. manufacturing. This report identifies and reviews similar national programs from abroad in order to draw on foreign practices, funding levels, and accomplishments as a point of reference and discusses current needs and initiatives in light of the global focus on advanced manufacturing,

Operating Model Canvas - Andrew Campbell 2017-03-16
The journey from strategy to operating success depends on creating an organization that can deliver the chosen strategy. This book, explaining

the Operating Model Canvas, shows you how to do this. It teaches you how to define the main work processes, choose an organization structure, develop a high-level blueprint of the IT systems, decide where to locate and how to lay out floor plans, set up relationships with suppliers and design a management system and scorecard with which to run the new organization. The Operating Model Canvas helps you to create a target operating model aligned to your strategy. The book contains more than 20 examples ranging from large multi-nationals to government departments to small charities and from an operating model for a business to an operating model for a department of five people. The book describes more than 15 tools, including new tools such as the value chain map, the organization model and the high-level IT blueprint. Most importantly, the book contains two fully worked examples showing how the tools can be used to develop a new operating model. This book should be on the desk of every consultant, every strategist, every leader of transformation, every functional business partner, every business or enterprise architect, every Lean expert or business improvement champion, in fact everyone who wants to help their organization be successful. Additional content can be found on the website for the Operational Model Canvas: Www.operatingmodelcanvas.com

Digital @ Scale - Anand Swaminathan 2017-06-02
A blueprint for reinventing the core of your business Value in the next phase of the digital era will go to those companies that don't just try digital but also scale it. Digital@Scale examines what it takes for companies to break through the gravitational pull of their legacy organizations and capture the full value of digital. Digging into more than fifty detailed case studies and years of McKinsey experience and data, the authors, along with a group of expert contributors, show how companies can move beyond incremental change to transform the business where the greatest value is generated—at its core. The authors provide practical insights into the three pillars of digital transformations that successfully scale: reinventing the business model, building out a business architecture from the customer back into the organization, and establishing an 'amoeba' IT and organizational foundation that learns and evolves. This is the ideal guide for all leaders who recognize the power and promise of a digital transformation.

Research Anthology on Cross-Disciplinary Designs and Applications of Automation - Management Association, Information Resources 2021-10-29
Throughout human history, technological advancements have been made for the ease of human labor. With our most recent advancements, it has been the work of scholars to discover ways for machines to take over a large part of this labor and reduce human intervention. These advancements may become essential processes to nearly every industry. It is essential to be knowledgeable about automation so that it may be applied. Research Anthology on Cross-Disciplinary Designs and Applications of Automation is a comprehensive resource on the emerging designs and application of automation. This collection features a number of authors spanning multiple disciplines such as home automation, healthcare automation, government automation, and more. Covering topics such as human-machine interaction, trust calibration, and sensors, this research anthology is an excellent resource for technologists, IT specialists, computer engineers, systems and software engineers, manufacturers, engineers, government officials, professors, students, healthcare administration, managers, CEOs, researchers, and academicians.

Handbook Of Digital Enterprise Systems: Digital Twins, Simulation And Ai - Wolfgang Kuhn 2019-06-04
Digitalization is changing nearly everything. This compendium highlights a comprehensive understanding of the concepts and technologies about digitalization in industrial environments, using the Industrial Internet of Things, Digital Twins and data-driven decision-making approaches including Artificial Intelligence.The overview of industrial enterprise platforms and the consideration of future trends gives a fundamental idea of concepts and strategies, how to get started and about the required changes of business models.

Next Generation Business Handbook - Subir Chowdhury 2004-10-04
Coverage of topics like career imprinting and operating in a virtual

workspace that are receiving increased attention in organizations.
Digital Entrepreneurship - Mariusz Soltanifar 2020-11-13
This open access book explores the global challenges and experiences related to digital entrepreneurial activities, using carefully selected examples from leading companies and economies that shape world business today and tomorrow. Digital entrepreneurship and the companies steering it have an enormous global impact; they promise to transform the business world and change the way we communicate with each other. These companies use digitalization and artificial intelligence to enhance the quality of decisions and augment their business and customer operations. This book demonstrates how cloud services are continuing to evolve; how cryptocurrencies are traded in the banking industry; how platforms are created to commercialize business, and how, taken together, these developments provide new opportunities in the digitalized era. Further, it discusses a wide range of digital factors changing the way businesses operate, including artificial intelligence, chatbots, voice search, augmented and virtual reality, as well as cyber threats and data privacy management. "Digitalization mirrors the Industrial Revolution's impact. This book provides a complement of perspectives on the opportunities emanating from such a deep seated change in our economy. It is a comprehensive collection of thought leadership mapped into a very useful framework. Scholars, digital entrepreneurs and practitioners will benefit from this timely work." Gina O'Connor, Professor of Innovation Management at Babson College, USA "This book defines and delineates the requirements for companies to enable their businesses to succeed in a post-COVID19 world. This book deftly examines how to accomplish and achieve digital entrepreneurship by leveraging cloud computing, AI, IoT and other critical technologies. This is truly a unique "must-read" book because it goes beyond theory and provides practical examples." Charlie Isaacs, CTO of Customer Connection at Salesforce.com, USA "This book provides digital entrepreneurs useful guidance identifying, validating and building their venture. The international authors developed new perspectives on digital entrepreneurship that can support to create impact ventures." Felix

Staeritz, CEO FoundersLane, Member of the World Economic Forum Digital Leaders Board and bestselling author of FightBack, Germany
What's Your Digital Business Model? - Peter Weill 2018-04-17
Digital transformation is not about technology--it's about change. In the rapidly changing digital economy, you can't succeed by merely tweaking management practices that led to past success. And yet, while many leaders and managers recognize the threat from digital--and the potential opportunity--they lack a common language and compelling framework to help them assess it and guide them in responding. They don't know how to think about their digital business model. In this concise, practical book, MIT digital research leaders Peter Weill and Stephanie Woerner provide a powerful yet straightforward framework that has been field-tested globally with dozens of senior management teams. Based on years of study at the MIT Center for Information Systems Research (CISR), the authors find that digitization is moving companies' business models on two dimensions: from value chains to digital ecosystems, and from a fuzzy understanding of the needs of end customers to a sharper one. Looking at these dimensions in combination results in four distinct business models, each with different capabilities. The book then sets out six driving questions, in separate chapters, that help managers and executives clarify where they are currently in an increasingly digital business landscape and highlight what's needed to move toward a higher-value digital business model. Filled with straightforward self-assessments, motivating examples, and sharp financial analyses of where profits are made, this smart book will help you tackle the threats, leverage the opportunities, and create winning digital strategies.
Digital HR Strategy - Soumyasanto Sen 2020-02-03
We are living in an uncertain world that is rapidly changing with an overload of information and a continual rise of technologies. Automation, the gig economy, digital platforms and other innovations are changing the fundamental nature of work and are having a significant impact on the workforce, workplace and the HR function. Digital HR Strategy is crucial reading for all HR practitioners and leaders wanting to ensure

that their organization adapts to this changing and increasingly competitive environment by creating a strategic approach for sustainable transformation which goes beyond conventional digital HR propositions. Featuring case studies from organizations including Airbnb and PepsiCo, it covers areas such as the importance of cultural change and creating a human-centric employee experience, leveraging value propositions, and harnessing data insights and analytics to improve performance. Digital HR Strategy also explores frameworks, strategies and opportunities for wellbeing initiatives, upskilling and reskilling workforces to respond to and establishing a culture of collaboration and innovation. Featuring tips, tools, and key questions to consider, it is an indispensable resource for all HR practitioners and leaders looking to build, develop and execute a digital HR strategy in order to achieve and sustain competitive advantage in this fast-changing digital age.

The Digital Supply Chain - Bart L. MacCarthy 2022-06-24
The Digital Supply Chain is a thorough investigation of the underpinning technologies, systems, platforms and models that enable the design, management, and control of digitally connected supply chains. The book examines the origin, emergence and building blocks of the Digital Supply Chain, showing how and where the virtual and physical supply chain worlds interact. It reviews the enabling technologies that underpin digitally controlled supply chains and examines how the discipline of supply chain management is affected by enhanced digital connectivity, discussing purchasing and procurement, supply chain traceability, performance management, and supply chain cyber security. The book provides a rich set of cases on current digital practices and challenges across a range of industrial and business sectors including the retail, textiles and clothing, the automotive industry, food, shipping and international logistics, and SMEs. It concludes with research frontiers, discussing network science for supply chain analysis, challenges in Blockchain applications and in digital supply chain surveillance, as well as the need to re-conceptualize supply chain strategies for digitally transformed supply chains. Covers both theoretical and practical points-of-view Contains material that readers from different backgrounds and disciplines will find informative Examines digital practices and challenges in-depth across a wide range of sectors Provides up-to-date, critical insights on the design, management and control of digitally connected supply chains Written by experts with strong backgrounds in the field

Advances in Materials Research - G. Kumaresan 2021-02-04
This book comprises select peer-reviewed proceedings of the International Conference on Advances in Materials Research (ICAMR 2019). The contents cover latest research in materials and their applications relevant to composites, metals, alloys, polymers, energy and phase change. The indigenous properties of materials including mechanical, electrical, thermal, optical, chemical and biological functions are discussed. The book also elaborates the properties and performance enhancement and/or deterioration in order of the modifications in atomic particles and structure. This book will be useful for both students and professionals interested in the development and applications of advanced materials.

Team Topologies - Matthew Skelton 2019-09-17
In Team Topologies DevOps consultants Matthew Skelton and Manuel Pais share secrets of successful team patterns and interactions to help readers choose and evolve the right team patterns for their organization, making sure to keep the software healthy and optimize value streams. Team Topologies will help readers discover: • Team patterns used by successful organizations. • Common team patterns to avoid with modern software systems. • When and why to use different team patterns • How to evolve teams effectively. • How to split software and align to teams.

Emerging Technologies in Computing - Mahdi H. Miraz 2021-11-03
This book constitutes the refereed conference proceedings of the 4th International Conference on Emerging Technologies in Computing, iCETiC 2021, held in August 2021. Due to VOVID-19 pandemic the conference was helt virtually. The 15 revised full papers were reviewed and selected from 44 submissions and are organized in topical sections covering Information and Network Security; Cloud, IoT and Distributed Computing; AI, Expert Systems and Big Data Analytics

eWork and eBusiness in Architecture, Engineering and Construction - Gudni Gudnason 2012-07-06
Since 1994, the European Conferences of Product and Process Modelling (www.ecppm.org) have provided a review of research, development and industrial implementation of product and process model technology in the Architecture, Engineering, Construction and Facilities Management (AEC/FM) industry. Product/Building Information Modelling has matured sig

Ending Status Quo: The Path and Process of Disruptive Marketing - Neeraj Singh Rathore

Strategic Management: Concepts and Cases: Competitiveness and Globalization - Michael A. Hitt 2019-02-28
Examine strategic management with the market-leading book that sets the standard as today's most intellectually rich, practical analysis of strategic management. Written by prominent management scholars and award-winning instructors, Hitt/Ireland/Hoskisson's STRATEGIC MANAGEMENT: COMPETITIVENESS AND GLOBALIZATION, 13E incorporates cutting-edge research and new examples from more than 600 companies to reveal how firms effectively use the strategic management process. This edition combines a classic industrial organization model with a resource-based view of the firm to demonstrate how businesses establish competitive advantages and create value for stakeholders in the global marketplace. You study how firms govern themselves, the value of strategic alliances to global companies and the value firms create by melding strategic management and entrepreneurial behaviors when competing. Also included at no additional charge are 20 leading business cases, carefully selected by the authors, which cover several US and international businesses across many industries.With STRATEGIC MANAGEMENT you gain the insights and understanding you need to outperform competitors and excel as a strategic leader. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Advanced Digital Architectures for Model-Driven Adaptive Enterprises - Kulkarni, Vinay 2020-04-03
The five digital forces (mobility and pervasive computing, cloud, big data, artificial intelligence and robotics, and social media) are poised to bring great academic and industrial breakthroughs. All stakeholders want to understand how to best harness these forces to their advantage. While literature exists for understanding each force independently, there is a lack of knowledge on how to utilize all the forces together to realize future enterprises. Advanced Digital Architectures for Model-Driven Adaptive Enterprises is an essential reference source that explores the potential in unifying the five digital forces to achieve increased levels of agility, efficiency, and scale. Featuring coverage on a wide range of topics including socio-technical systems, adaptive architectures, and enterprise modeling, this book is ideally designed for managers, executives, programmers, designers, computer engineers, entrepreneurs, tool builders, digital practitioners, researchers, academicians, ands students at the graduate level.

Research Anthology on Advancements in Cybersecurity Education - Management Association, Information Resources 2021-08-27
Modern society has become dependent on technology, allowing personal information to be input and used across a variety of personal and professional systems. From banking to medical records to e-commerce, sensitive data has never before been at such a high risk of misuse. As such, organizations now have a greater responsibility than ever to ensure that their stakeholder data is secured, leading to the increased need for cybersecurity specialists and the development of more secure software and systems. To avoid issues such as hacking and create a safer online space, cybersecurity education is vital and not only for those seeking to make a career out of cybersecurity, but also for the general public who must become more aware of the information they are sharing and how they are using it. It is crucial people learn about cybersecurity in a comprehensive and accessible way in order to use the skills to better protect all data. The Research Anthology on Advancements in Cybersecurity Education discusses innovative concepts, theories, and

developments for not only teaching cybersecurity, but also for driving awareness of efforts that can be achieved to further secure sensitive data. Providing information on a range of topics from cybersecurity education requirements, cyberspace security talents training systems, and insider threats, it is ideal for educators, IT developers, education professionals, education administrators, researchers, security analysts, systems engineers, software security engineers, security professionals, policymakers, and students.

EDGE - Jim Highsmith 2019-08-02
EDGE: The Agile Operating Model That Will Help You Successfully Execute Your Digital Transformation "[The authors'] passion for technology allows them to recognize that for most enterprises in the 21st century, technology is THE business. This is what really separates the EDGE approach. It is a comprehensive operating model with technology at its core." —From the Foreword by Heidi Musser, Executive Vice President and Principal Consultant, Leading Agile; retired, Vice President and CIO, USAA Maximum innovation happens at the edge of chaos: the messy, risky, and uncertain threshold between randomness and structure. Operating there is uncomfortable but it's where organizations "invent the future." EDGE is a set of fast, iterative, adaptive, lightweight, and value-driven tools to achieve digital transformation, and EDGE: Value-Driven Digital Transformation is your guide to using this operating model for innovation. Jim Highsmith is one of the world's leading agile pioneers and a coauthor of the Agile Manifesto. He, Linda Luu, and David Robinson know from their vast in-the-trenches experience that sustainable digital transformation requires far more than adopting isolated agile practices or conventional portfolio management. This hard, indispensable work involves changing culture and mindset, and going beyond transforming the IT department. EDGE embraces an adaptive mindset in the face of market uncertainty, a visible, value-centered portfolio approach that encourages continual value linkages from vision to detailed initiatives, incremental funding that shifts as strategies evolve, collaborative decision-making, and better risk mitigation. This guide shows leaders how to use the breakthrough EDGE approach to go beyond incremental improvement in a world of exponential opportunities. Build an organization that adapts fast enough to thrive Clear away unnecessary governance processes, obsolete "command and control" leadership approaches, and slow budgeting/planning cycles Improve collaboration when major, fast-paced responses are necessary Continually optimize investment allocation and monitoring based on your vision and goals Register your product for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

Robotic Process Automation (RPA) in the Financial Sector - Mario Smeets 2021-07-29
Dieses Buch bringt Ihnen die Robotic Process Automation in der Finanzwirtschaft näher In der Finanzbranche ist das Thema Prozessautomatisierung seit Jahren nicht mehr wegzudenken. Doch wie setzt man solche Veränderungen im Rahmen des Changemanagements erfolgreich und effizient um? Das Buch „Robotic Process Automation in der Finanzwirtschaft" zeigt es Ihnen. Im Fokus steht der recht junge RPA-Ansatz aus der Intelligent Automation. Dabei imitieren Roboter das menschliche Handeln. Die Eingabe von Befehlen erfolgt direkt über die Oberfläche. So gehören tiefgreifende Softwareveränderungen der Vergangenheit an. Im Zuge dessen klärt dieses Buch u. a. folgende Fragen bezüglich der Robotic Process Automation in der Finanzwirtschaft: • Was ist RPA überhaupt? • Welche Vorteile bringt diese Technologie mit sich? • Welche Erfolgsfaktoren tragen zu einer optimalen RPA-Implementierung bei? • Wie sieht ein mögliches RPA-Kompetenzcenter aus? • Welche Anwendungsbereiche für RPA gibt es? Eine Leseempfehlung für ein breites Zielpublikum Daneben beschäftigen sich die Autoren nicht nur mit dem Ist-Zustand der Robotic Process Automation. Zudem erhalten Sie einen Ausblick auf die zukünftige Entwicklung dieser Software-Lösung. Durch den hohen Praxisbezug ist das Buch speziell für folgende Zielgruppen eine lesenswerte Empfehlung: • Verantwortliche für die Implementierung von Prozessen oder Technologien im IT-Bereich • RPA-Anwender und Personen, die sich dafür interessieren • Erfahrene Experten und Praktiker, die

branchenübergreifend mit RPA vertraut sind

Target Operating Model A Complete Guide - 2020 Edition - Gerardus Blokdyk 2019-09-06
What technologies can improve customer sales? Have any weaknesses, not yet remediated, related to any of the systems part of or supporting your organization been identified by your organization? What are the most relevant metrics for measuring the effectiveness of your operating model? What partnership opportunities have been presented to you or exist in your area? How are you securing new technology adoption and managing vulnerability with your legacy technology? Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... - they are the people who rule the future. They are the person who asks the right questions to make Target Operating Model investments work better. This Target Operating Model All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Target Operating Model Self-Assessment. Featuring 947 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Target Operating Model improvements can be made. In using the questions you will be better able to: - diagnose Target Operating Model projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Target Operating Model and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Target Operating Model Scorecard, you will develop a clear picture of which Target Operating Model areas need attention. Your purchase includes access details to the Target Operating Model self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Target Operating Model Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

Enterprise Architecture as Strategy - Jeanne W. Ross 2006
Enterprise architecture defines a firm's needs for standardized tasks, job roles, systems, infrastructure, and data in core business processes. This book explains enterprise architecture's vital role in enabling - or constraining - the execution of business strategy. It provides frameworks, case examples, and more.

Responsible AI and Ethical Issues for Businesses and Governments - Vassileva, Bistra 2020-10-16
The research surrounding artificial intelligence (AI) is vast and quite diverse in both its applied and theoretical fields. AI tools and techniques, such as machine learning, data mining, neural networks, and advanced analytics, are evolving at a high speed, creating a consistent need for updated research. This is especially relevant with frequent developments for the application of AI technology in many science and industry sectors. This rapid expansion created a need for research that focuses on the questions surrounding the development of AI such as ethical issues,

responsible AI methods and applications, and its widespread implementation. Within the answers to these questions is the prevailing notion that AI should be accountable, explainable, transparent, and fair for all organizations and individuals. Responsible AI and Ethical Issues for Businesses and Governments widens the understanding of AI outside of the "narrow" technical perspective to a broader viewpoint that embraces the links between AI theory, practice, and policy. The chapters in this book discuss the basic philosophical and conceptual foundations of AI and explores the responsible application of AI tools and methods, the moral aspects of AI, practical issues, and responsible AI implementation across a range of industries. While highlighting topics that include digital transformation, ethical competence, information literacy in AI, and the interaction between AI and humans, this book is ideally designed for IT specialists, technology developers, technologists, ethicists, practitioners, stakeholders, academicians, students, and researchers who are interested in learning more about the ethical and responsible use of AI.

Healthcare Disrupted - Jeff Elton 2016-02-11
"During a time of tremendous change and uncertainty, Healthcare Disrupted gives executives a framework and language to determine how they will evolve their products, services, and strategies to flourish in a increasingly value-based healthcare system. Using a powerful mix of real world examples and unanswered questions, Elton and O'Riordan lead you to see that 'no action' is not an option—and push you to answer the most important question: 'What is your role in this digitally driven change and how can your firm can gain competitive advantage and lead?'"—David Epstein, Division Head, Novartis Pharmaceuticals "Healthcare Disrupted is an inspirational call-to-action for everyone associated with healthcare, especially the innovators who will develop the next generation of therapeutics, diagnostics, and devices."—Bob Horvitz, Ph.D., David H. Koch Professor of Biology, MIT; Nobel Prize in Physiology or Medicine "In a time of dizzying change across all fronts: from biology, to delivery, to the use of big data, Health Disrupted captures the impact of these forces and thoughtfully develops new approaches to value creation in the healthcare industry. A must-read for those who strive to capitalize on change and reinvent the industry."—Deborah Dunsire, M.D., president and CEO, FORUM Pharmaceuticals Healthcare at a Crossroad: Seismic Shifts, New Business Models for Success Healthcare Disrupted is an in-depth look at the disruptive forces driving change in the the healthcare industry and provides guide for defining new operating and business models in response to these profound changes. Based on original research conducted by Accenture and years of experience working with the most successful companies in the industry, healthcare experts Jeff Elton and Anne O'Riordan provide an informed, insightful view of the state of the industry, what's to come, and new emerging business models for life sciences companies play a different role from the past in to driving superior outcomes for patients and playing a bigger role in creating greater value for healthcare overall. Their book explains how critical global healthcare trends are challenging legacy strategies and business models, and examines why historical leaders in the industy must evolve, to stay relevant and compete with new entrants. Healthcare Disrupted captures this pivotal point in time to give executives and senior managers across pharmaceutical, biopharmaceutical, medical device, medical diagnostics, digital technology, and health services companies an opportunity to step back and consider the changing landscape. This book gives companies options for how to adapt and stay relevant and outlines four new business models that can drive sustainable growth and performance. It demonstrates how real-world data (from Electronic Medical Records, health wearables, Internet of Things, digital media, social media, and other sources) is combining with scalable technologies and advanced analytics to fundamentally change how and where healthcare is delivered, bridging to the health of populations, and broadening the resposibility for both. It reveals how this shift in healthcare delivery will significantly improve patient outcomes and the value health systems realize.

Digital Operating Model - Rajesh Sinha 2022-07-26
Build your company's next-generation growth strategy by using emerging technologies to disrupt your field and energize your business

In Digital Operating Model: The Future of Business, digital strategist and execution expert Rajesh Sinha delivers a robust and practical operating blueprint for digital transformation. Applicable to any industry, any size company, this playbook helps executives, professionals, managers, founders, owners, and other business leaders understand the importance and realize the benefits of a digital future for their companies—all without having to spend massive amounts of money in the process. The author explores effective methods to create multiple digital accelerators, develop cultural alignment that fosters innovation and delivers rapid solutions, and shares insights into the new mantras of our goods-and-services on-demand economy. Readers will also find: Step-by-step guidance to implementing a digital platform strategy that leads to exponential business growth Methods for designing and applying new businesses processes that create better experiences internally for your teams and externally for your customers and customers' customers, which also leads to exponential business growth Real-life examples and case studies of businesses that have achieved successful digital acceleration and grown dramatically in the process Digital Operating Model shows readers how to meet their professional objectives while realizing profound transformation that offers innovative and durable differentiation both in terms of purpose and profits.

Competing in the Age of AI - Marco Iansiti 2020-01-07
"a provocative new book" — The New York Times AI-centric organizations exhibit a new operating architecture, redefining how they create, capture, share, and deliver value. Now with a new preface that explores how the coronavirus crisis compelled organizations such as Massachusetts General Hospital, Verizon, and IKEA to transform themselves with remarkable speed, Marco Iansiti and Karim R. Lakhani show how reinventing the firm around data, analytics, and AI removes traditional constraints on scale, scope, and learning that have restricted business growth for hundreds of years. From Airbnb to Ant Financial, Microsoft to Amazon, research shows how AI-driven processes are vastly more scalable than traditional processes, allow massive scope increase, enabling companies to straddle industry boundaries, and create powerful

opportunities for learning—to drive ever more accurate, complex, and sophisticated predictions. When traditional operating constraints are removed, strategy becomes a whole new game, one whose rules and likely outcomes this book will make clear. Iansiti and Lakhani: Present a framework for rethinking business and operating models Explain how "collisions" between AI-driven/digital and traditional/analog firms are reshaping competition, altering the structure of our economy, and forcing traditional companies to rearchitect their operating models Explain the opportunities and risks created by digital firms Describe the new challenges and responsibilities for the leaders of both digital and traditional firms Packed with examples—including many from the most powerful and innovative global, AI-driven competitors—and based on research in hundreds of firms across many sectors, this is your essential guide for rethinking how your firm competes and operates in the era of AI.

More than Moore Technologies for Next Generation Computer Design - Rasit O. Topaloglu 2015-02-09
This book provides a comprehensive overview of key technologies being used to address challenges raised by continued device scaling and the extending gap between memory and central processing unit performance. Authors discuss in detail what are known commonly as "More than Moore" (MtM), technologies, which add value to devices by incorporating functionalities that do not necessarily scale according to "Moore's Law". Coverage focuses on three key technologies needed for efficient power management and cost per performance: novel memories, 3D integration and photonic on-chip interconnect.

The Invincible Company - Alexander Osterwalder 2020-04-06
The long-awaited follow-up to the international bestsellers, Business Model Generation and Value Proposition Design Alex Osterwalder and Yves Pigneurs' Business Model Canvas changed the way the world creates and plans new business models. It has been used by corporations and startups and consultants around the world and is taught in hundreds of universities. After years of researching how the world's best companies develop, test, and scale new business models, the authors

have produced their definitive work. The Invincible Company explains what every organization can learn from the business models of the world's most exciting companies. The book explains how companies such as Amazon, IKEA, Airbnb, Microsoft, and Logitech, have been able to create immensely successful businesses and disrupt entire industries. At the core of these successes are not just great products and services, but profitable, innovative business models--and the ability to improve existing business models while consistently launching new ones. The Invincible Company presents practical new tools for measuring, managing, and accelerating innovation, and strategies for reducing risk when launching new business models. Serving as a blueprint for your growth strategy, The Invincible Company explains how to constantly stay ahead of your competition. In-depth chapters explain how to create new growth engines, change how products and services are created and delivered, extract maximum profit from each type of business model, and much more. New tools—such as the Business Model Portfolio Map, Innovation Metrics, Innovation Strategy Framework, and the Culture Map—enable readers to understand how to design invincible companies. The Invincible Company: ● Helps large and small companies build their growth strategy and manage their core simultaneously ● Explains the world's best modern and historic business models ● Provides tools to assess your business model, innovation readiness, and all of your innovation projects Presented in striking 4-color, and packed with practical visuals and tools, The Invincible Company is a must-have book for business leaders, entrepreneurs, and innovation professionals.
Leading Organizational Development and Change - Riann Singh 2020-07-08
This textbook covers the fundamentals of organizational development and change (ODC) theory while offering a comprehensive, structured, and systematic approach to guide change management strategies at the organization level. It provides an in-depth understanding of and the tools necessary for designing, diagnosing, implementing and evaluating organizational change interventions. Students will be exposed to case studies in ODC from selected international and Caribbean/Latin American organizations, demonstrating ODC in practice across a broad geographical context. This textbook, the first to offer a macro-level perspective of ODC, provides students with the tools needed to be successful in implementing change into today's organizations.

New Suits - Michele DeStefano 2019-06-15
"Time to get out of Law Law Land and back into the Jungle" Fuelled by advancing technology, new business models, and altered client expectations, the legal industry faces unprecedented change across its entire value chain. Unfortunately, many legal professionals fear the technology train and the convergence of other fields with law. They see legaltech, AI, and bots like "lions and tigers and bears oh my." We (the editors and authors of this book) see opportunity. Although the future may require us to put on "new suits"—it represents an enormous opportunity for lawyers to reinvent ourselves for our own and our clients' benefit. Filled with chapters written by experts in the intersection of law, innovation, and technology, this book provides a global perspective on the diverse legal service delivery ecosystem that will be our future. It provides chapter upon chapter (reason upon reason) explaining why lawyers can and should increase their appetite for disruption in the legal world. So welcome to the jungle and enjoy the ride as we attempt to systematically map the uncharted waters of the future legal realm and simultaneously inspire you to build a new future in law.

Management Models of Digital Transformation - Katja Wenzel 2021-12-12
The success of a digital transformation is not a foregone conclusion. A digital transformation, as a highly complex process impacting major areas of an organization, requires a systematic approach that goes beyond individual transformation initiatives. This work analyses and integrates existing approaches to managing and coordinating a digital transformation in order to identify relevant success factors of a digital transformation, serving as a basis for the development of a systematic framework for a management model of digital transformation. The analysis reveals ten success-critical focus areas of a digital transformation, which comprise numerous success factors: 'Vision, goals,

and strategies', 'Leadership', 'Communication', 'Digital culture and mindset', 'Digital platform', 'Partnership network', 'Capabilities, talents, and skills', 'Organization, coordination, and roles', 'Management methodologies', and 'Governance'. A systematic framework is proposed that serves as a foundation for the future development of a management model, addressed to executives and experts who are tasked with launching, driving, and sustaining a digital transformation.

INTELLIGENT AUTOMATION - Pascal Bornet 2020-10-14 TESTIMONIALS "One of the most important books of our times!" – Bernard Marr "An essential reading for anybody who cares about the future of work" – Arianna Huffington "This insightful and practical guidebook is instrumental for success in the Fourth Industrial Revolution" – Klaus Schwab, founder of the World Economic Forum "An insightful exploration of Intelligent Automation" – Dr. Kai-Fu Lee, Author of NYT Bestseller "AI Superpowers" "This field guide is essential reading" – Gartner "Masterful insight, this book is more relevant than ever" – HFS "This book needed to be written" – Forrester ABOUT THE BOOK This is the first book on Intelligent Automation (IA). Also called Hyperautomation, it is one of the most recent trends in the field of artificial intelligence. IA is a cutting-edge combination of methods and technologies, involving people, organizations, machine learning, low-code platforms, robotic process automation (RPA), and more. This book is for everyone – whether you are an experienced practitioner, new to the topic, or simply interested in what the future holds for enterprises, work, life, and society as a whole. Key content of the book: > What is Intelligent Automation (IA)? Why has the use of IA been expanding so rapidly? What are the benefits it unleashes for employees, companies, customers, and society? > How have leading organizations been able to harness the full potential of IA, at scale, and generate massive efficiency gains in the range of 20 to 60%? > How can IA save 10+ million lives per year, triple our global budget for education, eliminate hunger, help protect our planet, or increase the resilience of society to pandemics and crises? What you will get from this book: > Get the lessons learned from 100+ IA transformation successes (and failures) > Benefit from the largest publicly available library of 500+ IA use cases by industry and by business function > Gain access to insights garnered from 200+ IA industry experts Read more about this book: www.intelligentautomationbook.com and get it on Amazon: https://www.amazon.fr/dp/B08KFLY51Y WHY THIS BOOK? While many books have been published on AI, machine learning, or robotics, a comprehensive reference guidebook had never yet been written on the topic of IA. Also, it seemed essential to us to work towards establishing IA as a field, with its own frameworks, use cases, methods, and critical success factors. ABOUT THE AUTHORS Pascal Bornet is a recognized global expert, thought leader, and pioneer in the field of intelligent automation (IA). He founded and led the IA practices for Mckinsey & Company and Ernst & Young (EY), where he drove hundreds of IA transformations across industries. Bornet is a member of the Forbes Technology Council, and he was awarded Global Top Voice in Technology 2019. lan Barkin is Chief Strategy & Marketing Officer at SYKES. He is a globally recognized thought leader and veteran in the IA space. Barkin co-founded Symphony Ventures, a pure-play IA consulting company providing cutting-edge services across all sectors. In 2018, the company was acquired for US$69 million by SYKES, a NASDAQ-listed global leader. Dr. Jochen Wirtz is Vice-Dean MBA Programmes at the National University of Singapore Business School, and Professor of Marketing. He is a well-known and highly acclaimed author with more than 20 books published, including "Services Marketing - People, Technology, Strategy". His research has been published in over 100 academic journal articles, and he received over 40 awards.

Handbook of Research on Smart Management for Digital Transformation - Barbosa, Belem 2022-03-11
In a global and digital society, businesses are constantly being challenged by innovative and disruptive management strategies. The dramatic changes that took place in all corners of the world during the COVID-19 pandemic confirmed that companies need to update their resources and anticipate trends. The current changes introduced by digitalization offer endless innovation scenarios and strategic

opportunities to companies but also demand an accurate and structured analysis of drivers, motivations, and determinants for success in this transformation. The Handbook of Research on Smart Management for Digital Transformation analyzes the drivers of digital transformation in businesses and assesses digital transformation success factors in the short, medium, and long run. This critical reference source is comprised of theoretical and empirical chapters as well as case studies on digital adoption by companies in different business sectors. Covering topics such as brand messaging, digital media platforms, and success determinants, this book is an essential resource for managers, researchers, educators of higher education, business students, digital strategists, business associations, communication and marketing agencies, entrepreneurs, and academicians.

The Complete Business Process Handbook - Mark von Rosing 2014-12-06 The Complete Business Process Handbook is the most comprehensive body of knowledge on business processes with revealing new research. Written as a practical guide for Executives, Practitioners, Managers and Students by the authorities that have shaped the way we think and work with process today. It stands out as a masterpiece, being part of the BPM bachelor and master degree curriculum at universities around the world, with revealing academic research and insight from the leaders in the market. This book provides everything you need to know about the processes and frameworks, methods, and approaches to implement BPM. Through real-world examples, best practices, LEADing practices and advice from experts, readers will understand how BPM works and how to best use it to their advantage. Cases from industry leaders and innovators show how early adopters of LEADing Practices improved their

businesses by using BPM technology and methodology. As the first of three volumes, this book represents the most comprehensive body of knowledge published on business process. Following closely behind, the second volume uniquely bridges theory with how BPM is applied today with the most extensive information on extended BPM. The third volume will explore award winning real-life examples of leading business process practices and how it can be replaced to your advantage. Learn what Business Process is and how to get started Comprehensive historical process evolution In-depth look at the Process Anatomy, Semantics and Ontology Find out how to link Strategy to Operation with value driven BPM Uncover how to establish a way of Thinking, Working, Modelling and Implementation Explore comprehensive Frameworks, Methods and Approaches How to build BPM competencies and establish a Center of Excellence Discover how to apply Social BPM, Sustainable and Evidence based BPM Learn how Value & Performance Measurement and Management Learn how to roll-out and deploy process Explore how to enable Process Owners, Roles and Knowledge Workers Discover how to Process and Application Modelling Uncover Process Lifecycle, Maturity, Alignment and Continuous Improvement Practical continuous improvement with the way of Governance Future BPM trends that will affect business Explore the BPM Body of Knowledge

Next Generation Talent Management - A. Hatum 2016-01-18 In the past talent was largely an issue for Human Resources personnel. Now, in an era characterized by workforce heterogeneity and changing environments, talent is an important issue for managers themselves. This book explains the organizational transformations that have occurred and the new talent challenges managers have to confront.