This book was created in the spirit of learning from nature in the field of professional purchasing. It describes real-world purchasing problems faced by companies as well as individuals and presents natural hands-on solutions that apply scientific approaches. The book answers what the core of purchasing could be, the inner structure of it or in other words the natural way. Nature masters effectiveness based on immanent laws and ensures efficiency by best results for minimal invest. Especially in complex and ambiguous situations, purchasers benefit from this book by understanding the broader context with the help of recent scientific research. Focusing on the problems that purchasers face in managerial practice rather than oversimplified generalizations, the book features step-by-step explanations, allowing readers to find tailored solutions to address challenges in key purchasing areas. The book was written in collaboration and with the help of experts in purchasing and logistics, biology, law and economics, human resource development, media and sports, and merges perspectives from theory and practice to provide natural strategies for purchasers.

The Just-in-time (JIT) manufacturing system is an internal system in use by its founder, Toyota Motor Corporation, but it has taken on a new look. Toyota Production System, Second Edition systematically describes the changes that have occurred to the most efficient production system in use today. Since the publication of the first edition of this book in 1983, Toyota has integrated JIT with computer integrated manufacturing technology and a strategic information system. The JIT goal of producing the necessary items in the necessary quantity at the necessary time is an internal driver of production and operations management. The addition of computer integrated technology (including expert systems by artificial intelligence) and information systems technology serve to further reduce costs, increase quality, and improve lead time. The new Toyota production system considers how to adapt production schedules to the
demand changes in the marketplace while satisfying the goals of low cost, high quality, and timely delivery. The first edition of this book, Toyota Production System, published in 1983, is the basis for this book. It was translated into many languages including Spanish, Russian, Italian, Japanese, etc., and has played a definite role in inspiring production management systems throughout the world.

Prepare for the Project Management Institute’s (PMI®) Agile Certified Practitioner (ACP®) exam. Augment your professional experience with the necessary knowledge of the skills, tools, and techniques that are required for passing the examination. This is a comprehensive and one-stop guide with 100% coverage of the exam topics detailed in the PMI-ACP® Exam content outline. Rehearse and test your knowledge and understanding of the subject using the practice quizzes after each chapter, three full-length mock exams, and practical tips and advice. You will be able to understand the Agile manifesto, its principles and many facets of Agile project management such as planning, prioritization, estimation, releases, retrospectives, risk management, and continuous improvement. The book covers Agile metrics and means of demonstrating progress. People management aspects such as behavioral traits, servant leadership, negotiation, conflict management, team building, and Agile coaching are explained. Whether you are a beginner or a seasoned practitioner, this book also serves as a practical reference for key concepts in Agile and Agile methodologies such as Scrum, XP, Lean, and Kanban. What you will learn: •The necessary knowledge of the skills, tools, and techniques that are required for passing the PMI-ACP examination•To understand the scope and objectives of the PMI-ACP exam, and gain confidence by taking practice quizzes provided in each chapter and three full-length mock exams•To gain exposure to Agile methodologies such as Scrum, XP, Lean, and Kanban plus various tools and techniques required to conduct Agile projects•The focus is to "Be Agile", rather than "Do Agile" Who this book is for: The audience for this book primarily includes IT professionals who wish to prepare for and pass the Agile Certified Professional (ACP) exam from the Project Management Institute (PMI). The book also is a practical reference book for Agile Practitioners.

Examines Japan's innovative, highly successful production methods

Toyota Kaizen Methods: Six Steps to Improvement focuses on the skills and techniques practiced inside Toyota Motor Corporation during the past decades. This workbook focuses on the actual training course concepts and methods used by Toyota to develop employee skill level, a core element of Toyota’s success. It is not a book about holding Western-st

A quick introduction on how to use Lean Six Sigma to improve your workplace, meet your goals, and better serve your customers. Lean Six Sigma combines the two most important improvement trends of our time: making work better (using Six Sigma) and making work faster (using Lean principles). In this plain-English guide, you’ll discover how this remarkable quality improvement method can give you the tools to identify and eliminate waste and quality problems in your own work area. Packed with diagrams, cartoons, and real-life examples, What is Lean Six Sigma? reveals the “four keys” of Lean Six Sigma and how they apply to your own job: Delight your customers with speed and quality Improve your processes Work together for maximum gain Base decisions on data and facts You’ll see the big picture of what your company hopes to gain with Lean Six Sigma, how it may affect your work area, and what it can mean to you personally.

"Toyota Kata gets to the essence of how Toyota manages continuous improvement and human ingenuity, through its improvement
Toyota Kata is one of the stepping stones that will usher in a new era of management thinking. —The Systems Thinker

How any organization in any industry can progress from old-fashioned management by results to a strikingly different and better way. —James P. Womack, Chairman and Founder, Lean Enterprise Institute

Practicing the improvement kata is perhaps the best way we’ve found so far for actualizing PDCA in an organization. —John Shook, Chairman and CEO, Lean Enterprise Institute

This game-changing book puts you behind the curtain at Toyota, providing new insight into the legendary automaker's management practices and offering practical guidance for leading and developing people in a way that makes the best use of their brainpower. Drawing on six years of research into Toyota's employee-management routines, Toyota Kata examines and elucidates, for the first time, the company's organizational routines—called kata—that power its success with continuous improvement and adaptation. The book also reaches beyond Toyota to explain issues of human behavior in organizations and provide specific answers to questions such as: How can we make improvement and adaptation part of everyday work throughout the organization? How can we develop and utilize the capability of everyone in the organization to repeatedly work toward and achieve new levels of performance? How can we give an organization the power to handle dynamic, unpredictable situations and keep satisfying customers? Mike Rother explains how to improve our prevailing management approach through the use of two kata: Improvement Kata—a repeating routine of establishing challenging target conditions, working step-by-step through obstacles, and always learning from the problems we encounter; and Coaching Kata: a pattern of teaching the improvement kata to employees at every level to ensure it motivates their ways of thinking and acting. With clear detail, an abundance of practical examples, and a cohesive explanation from start to finish, Toyota Kata gives executives and managers at any level actionable routines of thought and behavior that produce superior results and sustained competitive advantage.

Discover BIM: A better way to build better buildings

Building Information Modeling (BIM) offers a novel approach to design, construction, and facility management in which a digital representation of the building product and process is used to facilitate the exchange and interoperability of information in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. The BIM Handbook, Third Edition provides an in-depth understanding of BIM technologies, the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team. Updates to this edition include: Information on the ways in which professionals should use BIM to gain maximum value New topics such as collaborative working, national and major construction clients, BIM standards and guides A discussion on how various professional roles have expanded through the widespread use and the new avenues of BIM practices and services A wealth of new case studies that clearly illustrate exactly how BIM is applied in a wide variety of conditions Painting a colorful and thorough picture of the state of the art in building information modeling, the BIM Handbook, Third Edition guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.

Let us shatter any Toyota Camry myths. There has never been a Toyota Camry Guide like this. It contains 70 answers, much more than you can imagine; comprehensive answers and extensive details and references, with insights that have never before been offered in print. Get the information you need--fast! This all-embracing guide offers a thorough view of key knowledge and detailed insight. This

Winner of a 2009 Shingo Research and Professional Publication Prize. Notably flexible and brief, the A3 report has proven to be a key tool in Toyota’s successful move toward organizational efficiency, effectiveness, and improvement, especially within its engineering and R&D organizations. The power of the A3 report, however, derives not from the report itself, but rather from the development of the culture and mindset required for the implementation of the A3 system. In Understanding A3 Thinking, the authors first show that the A3 report is an effective tool when it is implemented in conjunction with a PDCA-based management philosophy. Toyota views A3 Reports as just one piece in their PDCA management approach. Second, the authors show that the process leading to the development and management of A3 reports is at least as important as the reports themselves, because of the deep learning and professional development that occurs in the process. And finally, the authors provide a number of examples as well as some very practical advice on how to write and review A3 reports.

Thinking strategically is what separates managers and leaders. Learn the fundamentals about how to create winning strategy and lead your team to deliver it. From understanding what strategy can do for you, through to creating a strategy and engaging others with strategy, this book offers practical guidance and expert tips. It is peppered with punchy, memorable examples from real leaders winning (and losing) with real world strategies. It can be read as a whole or you can dip into the easy-to-read, bite-size sections as and when you need to deal with a particular issue. The structure has been specially designed to make sections quick and easy to use – you’ll find yourself referring back to them again and again.

Providing relevant statistical concepts in a comprehendible style, this text is accessibly designed to assist researchers in applying the proper statistical procedure to their data and reporting results in a professional manner consistent with commonly accepted practice.

This book presents the integration of new tools, the modification of existing tools, and the combination of different tools and approaches to create new technical resources for assisting the innovation process. It describes the efforts deployed for assisting the transformation of Product-Services Systems and explains the main key success factors or drivers for success of each tool or approach applied to solve an innovation problems. The book presents a set of case studies to illustrate the application of several tools and
approaches, mainly in developing countries.

User experience design is the discipline of creating a useful and usable Web site or application that's easily navigated and meets the needs of the site owner and its users. There's a lot more to successful UX design than knowing the latest Web technologies or design trends: It takes diplomacy, management skills, and business savvy. That's where the updated edition of this important book comes in. With new information on design principles, mobile and gestural interactions, content strategy, remote research tools and more, you'll learn to: Recognize the various roles in UX design, identify stakeholders, and enlist their support Obtain consensus from your team on project objectives Understand approaches such as Waterfall, Agile, and Lean UX Define the scope of your project and avoid mission creep Conduct user research in person or remotely, and document your findings Understand and communicate user behavior with personas Design and prototype your application or site Plan for development, product rollout, and ongoing quality assurance

Modern cars are more computerized than ever. Infotainment and navigation systems, Wi-Fi, automatic software updates, and other innovations aim to make driving more convenient. But vehicle technologies haven’t kept pace with today’s more hostile security environment, leaving millions vulnerable to attack. The Car Hacker’s Handbook will give you a deeper understanding of the computer systems and embedded software in modern vehicles. It begins by examining vulnerabilities and providing detailed explanations of communications over the CAN bus and between devices and systems. Then, once you have an understanding of a vehicle’s communication network, you’ll learn how to intercept data and perform specific hacks to track vehicles, unlock doors, glitch engines, flood communication, and more. With a focus on low-cost, open source hacking tools such as Metasploit, Wireshark, Kayak, can-utils, and ChipWhisperer, The Car Hacker’s Handbook will show you how to: –Build an accurate threat model for your vehicle –Reverse engineer the CAN bus to fake engine signals –Exploit vulnerabilities in diagnostic and data-logging systems –Hack the ECU and other firmware and embedded systems –Feed exploits through infotainment and vehicle-to-vehicle communication systems –Override factory settings with performance-tuning techniques –Build physical and virtual test benches to try out exploits safely If you’re curious about automotive security and have the urge to hack a two-ton computer, make The Car Hacker’s Handbook your first stop.

Lean Thinking was launched in the fall of 1996, just in time for the recession of 1997. It told the story of how American, European, and Japanese firms applied a simple set of principles called 'lean thinking' to survive the recession of 1991 and grow steadily in sales and profits through 1996. Even though the recession of 1997 never happened, companies were starving for information on how to make themselves leaner and more efficient. Now we are dealing with the recession of 2001 and the financial meltdown of 2002. So what happened to the exemplar firms profiled in Lean Thinking? In the new fully revised edition of this bestselling book those pioneering lean thinkers are brought up to date. Authors James Womack and Daniel Jones offer new guidelines for lean thinking firms and bring their groundbreaking practices to a brand new generation of companies that are looking to stay one step ahead of the competition.

The Breakthrough Program for Increasing Quality, Shortening Cycle Times, and Creating Shareholder Value In Every Area of Your Organization Time and quality are the two most important metrics in improving any company's production and profit performance. Lean Six Sigma explains how to impact your company's performance in each, by combining the strength of today's two most important initiativesLean Production and Six Sigmainto one integrated program. The first book to provide a step-by-step roadmap for profiting
from the best elements of Lean and Six Sigma, this breakthrough volume will show you how to: Achieve major cost and lead time reductions this year Compress order-to-delivery cycle times Battle process variation and waste throughout your organization Separately, Lean Production and Six Sigma have changed the face of the manufacturing business. Together, they become an unprecedented tool for improving product and process quality, production efficiency, and across-the-board profitability. Lean Six Sigma introduces you to today's most dynamic program for streamlining the performance of both your production department and your back office, and providing you with the cost reduction and quality improvements you need to stay one step ahead of your competitors. "Lean Six Sigma shows how Lean and Six Sigma methods complement and reinforce each other. If also provides a detailed roadmap of implementation so you can start seeing significant returns in less than a year."--From the Preface Businesses fundamentally exist to provide returns to their stakeholders. Lean Six Sigma outlines a program for combining the synergies of these two initiatives to provide your organization with greater speed, less process variation, and more bottom-line impact than ever before. A hands-on guidebook for integrating the production efficiencies of the Lean Enterprise with the cost and quality tools of Six Sigma, this breakthrough book features detailed insights on: The Lean Six Sigma Value PropositionHow combining Lean and Six Sigma provides unmatched potential for improving shareholder value The Lean Six Sigma Implementation ProcessHow to prepare your organization for a seamless incorporation of Lean Six Sigma tools and techniques Leveraging Lean Six SigmaStrategies for extending Lean Six Sigma's reach within and beyond your corporate walls "Variation is evil."--Jack Welch Six Sigma was the zero-variation quality lynchpin around which Jack Welch transformed GE into one of the world's most efficientand valuablecorporations. Lean Production helped Toyota cut waste, slash costs, and substantially improve resource utilization and cycle times. Yet, as both would admit, there was still room for improvement. Lean Six Sigma takes you to the next level of improvement, one that for the first time unites product and process excellence with the goal of enhancing shareholder value creation. Providing insights into the application of Lean Six Sigma to both the manufacturing processes and the less-data-rich service and transactional processes, it promises to revolutionize the performance efficiencies in virtually every area of your organizationas it positively and dramatically impacts your shareholder value.

This book presents the Cube One framework, which provides a basis for understanding, diagnosing, and improving organizational performance. It is based on the premise that successful organizations enact practices that satisfy three key constituents: the enterprise itself, customers, and employees. This book offers a uniquely empirical approach by examining enterprise-, customer-, and employee-directed practices. Validity evidence is provided by survey research, studies of financial metrics, and the analysis of cases involving well-known organizations (such as Google, Four Seasons, and Mayo Clinic). The Cube One framework is equally applicable to organizations in the for-profit, nonprofit, and government sectors. After reading this book, students and scholars, as well as organizational practitioners in the fields of organizational behavior and management, will find a practical approach to improving organizational performance.

This guidebook provides research professionals with a deeper understanding of strategic planning, financial management, and regulatory implementation. This book demonstrates a strategy for managing your portfolio of clinical trials, provides tactics and real-world examples, and helps the reader adapt them to their own research site.

In the increasingly competitive corporate sector, businesses must examine their current practices to ensure business success. By
examining their social, financial, and environmental risks, obligations, and opportunities, businesses can re-design their operations more effectively to ensure prosperity. Sustainable Business: Concepts, Methodologies, Tools, and Applications is a vital reference source that explores the best practices that promote business sustainability, including examining how economic, social, and environmental aspects are related to each other in the company’s management and performance. Highlighting a range of topics such as lean manufacturing, sustainable business model innovation, and ethical consumerism, this multi-volume book is ideally designed for entrepreneurs, business executives, business professionals, managers, and academics seeking current research on sustainable business practices.

Make today's management theories and applications meaningful, memorable, and engaging for your students with MANAGEMENT. Master storyteller, award-winning educator, and accomplished author Chuck Williams uses a captivating narrative style to illuminate today's most important management concepts and to highlight practices that really work in today's workplace. Because students retain and better understand information that is personally relevant, Dr. Williams weaves more than 50 detailed, unforgettable examples and stories into each chapter in this edition. Proven learning features and self-assessments keep concepts intriguing and applicable to students' daily lives. In addition, fresh scenarios, new cases, and new video cases reflect the latest management innovations at work in well-known organizations throughout the world. The book's comprehensive support package further helps you prepare each student for managerial success. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This book is a reprint of the APA manual originally published in 1957. This APA style manual for writers, editors, students, educators, and professionals across all fields provides clear guidance on grammar, the mechanics of writing, and APA style. It includes examples, new guidelines and advice, and more.

Competitive advantage is a key factor to the success of any business in modern society. To achieve this goal, effective strategies for process improvement must be researched and implemented into an organization. The Handbook of Research on Managerial Strategies for Achieving Optimal Performance in Industrial Processes examines optimization techniques for improved business operations and procedures in the industrial sector. Highlighting management techniques, innovative approaches, and technological tools, this publication is an essential reference source for professionals, researchers, consultants, upper-level students, and academicians interested in the advancement of knowledge in industrial communities.

For decades, the manufacturing industry has employed the Toyota Production System — the most powerful production method in the world — to reduce waste, improve quality, reduce defects and increase worker productivity. In 2001, Virginia Mason Medical Center, an integrated healthcare delivery system in Seattle, Washington set out to achieve its compelling vision to become The Quality Leader and to fulfill that vision, adopted the Toyota Production System as its management method. Winner of a Shingo Research and Professional Publication Award! Transforming Health Care: Virginia Mason Medical Center's Pursuit of the Perfect Patient Experience takes you on the journey of of Virginia Mason Medical Center's pursuit of the perfect patient experience through the application of lean principles, tools, and methodology. The results speak for themselves, including: An innovative patient safety alert system Reduction in professional liability insurance expenses Foundational changes that make it possible for nurses to spend 90% of their time with
patients A computerized module that sorts through electronic medical charts and automatically identifies when disease management and preventative testing due Over the last several years Virginia Mason has become internationally known for its journey towards perfection by applying the Toyota Production System to healthcare. The book takes readers step by step through Virginia Mason's journey as it seeks to provide perfection to its customer – the patient. This book shows you how you use this system to transform your own organization.

Dieses Buch zeigt, wie die Prinzipien des Lean Managements auf das Projektmanagement übertragen werden und wie einige typische Probleme des Projektmanagements damit gelöst werden können. Der Autor beschreibt zunächst theoretisch fundiert, worum es sich beim Projektmanagement handelt und erläutert dessen Aufgaben und Methoden sowie dessen Grenzen. Er beschreibt weiterhin, wie der Lean-Gedanke entstanden ist und leitet daraus fünf Grundsätze ab, die auch auf das Projektmanagement übertragbar sind. Entlang dieser Prinzipien beleuchtet der Autor anschließend typische aktuelle Herausforderungen des Projektmanagements und zeigt auf, wie diese Herausforderungen durch Grundsätze des Lean Project Managements bewältigbar sind. Dabei bleibt er nicht auf der Ebene von Grundsätzen stehen, sondern beschreibt konkrete Aufgaben und Werkzeuge, die vor allem für erfahrene Praktiker des Projektmanagements eine Hilfestellung sein sollen.

365 Sports Cars You Must Drive puts you in the driver's seat of a century's worth of sports car legends (and a few rather less legendary), each presented with a fun and informative profile and fact-and-spec box. It's the ultimate gearhead's bucket list and poses the challenge: How many have you driven? Whoever coined the phrase "getting there is half the fun" must have owned a sports car. And the wag who suggested that "it's the journey not the destination"? Probably driving a Lotus or MG at the time. From towering icons like Ferrari, Lamborghini, Porsche, and Corvette to everyday sportsters from Triumph, MG, Sunbeam, and Miata to oddballs like Crosley, Sabra, and DB, sports cars inspire passion and strong opinions as few other vehicles on the road can. In one beautiful book, long-time Road & Truck magazine chief photographer John Lamm, along with other top motoring contributors, gives the reader illustrated profiles of every sports car you've ever dreamed of driving! Now, imagine if you could drive a different sports car—any sports car—every single day for a year. Which would you choose?

Help your students learn not only the concepts and theories that enhance the management of human behavior at work but also how to practice these skills with Nelson/Quick's ORGANIZATIONAL BEHAVIOR. The latest edition of this book clearly demonstrates how organizational behavior theories and research apply to companies today with engaging cases, meaningful exercises, and examples that include six new focus companies students will instantly recognize. The authors present foundational organizational behavior topics, such as motivation, leadership, teamwork, and communication. Students also examine emerging issues reshaping the field today, such as the theme of change. They study how change affects attitudes and behaviors in an organization as well as what new opportunities and experiences change presents. Students further explore growing themes of globalization, diversity, and ethics. The authors anchor the book's multifaceted approach in both classic research and leading-edge scholarship. Timely examples from all types of organizations throughout this edition reflect today's most current trends, including six new focus companies—NetFlix, Ford, Groupon, and more. Self-assessments and other interactive learning opportunities allow your students to grow and develop, both as individuals and as important contributors to an organization, as they progress throughout your course. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
As consumers, we have a greater selection of higher quality goods & services to choose from, yet our experience of obtaining & using these items is more frustrating than ever. At the same time, companies find themselves with declining customer loyalty & greater challenges in fulfilling orders. This text offers solutions to these problems.

An effective visual communication system can help manufacturing employees eliminate significant waste from daily tasks. From work-zone color coding to posted metrics, visual controls clarify and simplify the path to enhanced processes and profits. Leaving little to chance, Visual Controls: Applying Visual Management to the Factory provides a detail

Organizations around the world are using Lean to redesign care and improve processes in a way that achieves and sustains meaningful results for patients, staff, physicians, and health systems. Lean Hospitals, Third Edition explains how to use the Lean methodology and mindsets to improve safety, quality, access, and morale while reducing costs, increasing capacity, and strengthening the long-term bottom line. This updated edition of a Shingo Research Award recipient begins with an overview of Lean methods. It explains how Lean practices can help reduce various frustrations for caregivers, prevent delays and harm for patients, and improve the long-term health of your organization. The second edition of this book presented new material on identifying waste, A3 problem solving, engaging employees in continuous improvement, and strategy deployment. This third edition adds new sections on structured Lean problem solving methods (including Toyota Kata), Lean Design, and other topics. Additional examples, case studies, and explanations are also included throughout the book. Mark Graban is also the co-author, with Joe Swartz, of the book Healthcare Kaizen: Engaging Frontline Staff in Sustainable Continuous Improvements, which is also a Shingo Research Award recipient. Mark and Joe also wrote The Executive’s Guide to Healthcare Kaizen.

The Missing Link to Toyota-Style Success—LEAN LEADERSHIP Winner of the 2012 Shingo Research and Professional Publications Award

“This great book reveals the secret ingredient to lean success: lean leadership. Not only is it a pleasure to read, but it is also deep and enlightening. This book is an absolute must-read for anyone interested in lean: it’s both an eye opener and a game changer.” —Michael Ballé, Ph.D., coauthor of The Gold Mine and The Lean Manager “This will immediately be recognized as the most important book ever published to understand and guide ‘True North Lean’ and the goal of perpetual business excellence.” —Ross E. Robson, President and CEO, DnR Lean, LLC, and the original Director of The Shingo Prize “An excellent book that will shape leadership development for decades to come.” —Karen Martin, Principal, Karen Martin & Associates, and author of The Kaizen Event Planner About the Book: TOYOTA. The name signifies greatness— world-class cars and game-changing business thinking. One key to the Toyota Motor Company’s unprecedented success is its famous production system and its lesser-known product development program. These strategies consider the end user at every turn and have become the model for the global lean business movement. All too often, organizations adopting lean miss the most critical ingredient—lean leadership. Toyota makes enormous investments in carefully selecting and intensively developing leaders who fit its unique philosophy and culture. Thanks to the company’s lean leadership approach, explains Toyota Way author Jeffrey Liker and former Toyota executive Gary Convis, the celebrated carmaker has set into motion a drive for continuous improvement at all levels of its business. This has allowed for: Constant growth: Toyota increased profitability for 58 consecutive years—slowing down only in the face of 2008’s worldwide financial difficulties, the recall crisis, and the worst Japanese earthquake of the century. Unstoppable inventiveness: Toyota’s approach to innovative thinking and problem solving
has resulted in top industry ratings and incredible customer satisfaction, while allowing the company to weather these three crises in rapid succession and to come out stronger. Strong branding and respect: Toyota’s reputation was instrumental in the company’s ability to withstand the recalls-driven media storm of 2010. But what looked to some to be a sinking ship is once again running under a full head of steam. Perhaps the Toyota culture had weakened, but lean leadership was the beacon that showed the way back. In fact, writes Liker, the company is “as good and perhaps a better model for lean leadership than it ever has been.” of innovation and growth. Yet, Industry Week reports that just 2 percent of companies using lean processes can likewise claim to have had long-term success. What the other 98 percent lack is unified leadership with a common method and philosophy. If you want to get lean, you have to take it to the leadership level. The Toyota Way to Lean Leadership shows you how.

Vital tools for implementing Lean Six Sigma--what they are, how they work, and which to use The Lean Six Sigma Pocket Toolbook is today's most complete and results-based reference to the tools and concepts needed to understand, implement, and leverage Lean Six Sigma. The only guide that groups tools by purpose and use, this hands-on reference provides: Analyses of nearly 100 tools and methodologies--from DMAIC and Pull Systems to Control Charts and Pareto Charts Detailed explanations of each tool to help you know how, when, and why to use it for maximum efficacy Sections for each tool explaining how to create it, how to interpret what you find, and expert tips Lean Six Sigma is today's leading technique to maximize production efficiency and maintain control over each step in the managerial process. With The Lean Six Sigma Pocket Toolbook, you'll discover how to propel your organization to new levels of competitive success--one tool at a time.

When James Womack, Daniel Jones, and Daniel Roos wrote THE MACHINE THAT CHANGED THE WORLD in 1990, Japanese automakers, and Toyota in particular, were making a strong showing by applying the principles of lean production. However, the full power of lean principles was unproven, and they had not been applied outside of the auto industry. Today, the power of lean production has been conclusively proved by Toyota's unparalleled success, and the concepts have been widely applied in many industries. Based on MIT's pioneering global study of industrial competition, THE MACHINE THAT CHANGED THE WORLD offers a groundbreaking analysis of the entire lean business system, including product development, supplier management, sales, service, and production - an analysis even more relevant today as GM and Ford struggle to survive and a wide range of British and American companies embrace lean production. A new Foreword by the authors brings the story up to date and details how their predictions were right. As a result, this reissue of a classic is as insightful and instructive today as when it was first published.

This book contains selected papers from the 7th International Conference on Information Science and Applications (ICISA 2016) and provides a snapshot of the latest issues encountered in technical convergence and convergences of security technology. It explores how information science is core to most current research, industrial and commercial activities and consists of contributions covering topics including Ubiquitous Computing, Networks and Information Systems, Multimedia and Visualization, Middleware and Operating Systems, Security and Privacy, Data Mining and Artificial Intelligence, Software Engineering, and Web Technology. The contributions describe the most recent developments in information technology and ideas, applications and problems related to technology convergence, illustrated through case studies, and reviews converging existing security techniques. Through this volume, readers will gain an understanding of the current state-of-the-art information strategies and technologies of convergence security. The intended readers are researchers in academia, industry and other research institutes focusing on information science and technology.
Winner of a 2013 Shingo Research and Professional Publication Award This practical guide for healthcare executives, managers, and frontline workers, provides the means to transform your enterprise into a High-Quality Patient Care Business Delivery System. Designed for continuous reference, its self-contained chapters are divided into three primary sections: Defines what Lean is and includes some interesting history about Lean not found elsewhere. Describes and explains the application of each Lean tool and concept organized in their typical order of use. Explains how to implement Lean in various healthcare processes—providing examples, case studies, and valuable lessons learned This book will help to take you out of your comfort zone and provide you with new ways to extend value to your customers. It drives home the importance of the Lean Six Sigma journey. The pursuit of continuous improvement is a journey with no end. Consequently, the opportunities are endless as to what you and your organization can accomplish. Forty percent of the authors’ profits from this book will be donated to help the homeless through two Baltimore charities. Praise for the book: well-timed and highly informative for those committed to creating deep levels of sustainable change in healthcare. — Peter B. Angood, MD, FACS, FCCM, Senior Advisor – Patient Safety, in National Quality Forum the most practical and healthcare applicable book I have ever read on LEAN thinking and concepts. — Gary Shorb, CEO, Methodist Le Bonheur Healthcare well written an essential reference in the library of all healthcare leaders interested in performance improvement. — Lee M. Adler, DO, VP, Quality and Safety Innovation & Research, Florida Hospital, Orlando; Associate Professor, University of Central Florida College of Medicine a must read for all Leadership involved in healthcare. I can see reading this book over and over. — Brigit Zamora, BSN, RN, CPAN, CAPA, Administrative Nurse Manager, Florida Hospital, Orlando

The automotive industry appears close to substantial change engendered by “self-driving” technologies. This technology offers the possibility of significant benefits to social welfare—saving lives; reducing crashes, congestion, fuel consumption, and pollution; increasing mobility for the disabled; and ultimately improving land use. This report is intended as a guide for state and federal policymakers on the many issues that this technology raises.

Tools and techniques to make Business Continuity, Crisis Management and IT Service Continuity easy. If you need to prepare plans, test and maintain them, or if you need to set up DR or Work Area Recovery; then this book is written for you. The Business Continuity Desk Reference is written in simple language but is useful to both experienced professionals and newbies. Inside you’ll discover: - The key concepts; explained in simple terms.- How to quickly assess your Business Continuity so that you can focus your time where it matters.- How to complete a Business Impact Assessment.- How to write plans quickly that are easy to use in a disaster.- How to test everything so that you know it will work.- How to assess any third party dependencies.- How to make sure that suppliers are robust. - How to meet customer, audit and regulatory expectations.- Get your hands on tools and templates that will make your life easy and make you look great.- Understand what other people do and how to delegate your work to them to make your life easier!