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ISBN: 978-1-60427-162-1, 416 pages, 7.5 x 9.25, 2019 • Retail Price $69.95

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—Brigid Buchheit Carney, PMP, LSSMBB, Head of Operations, Group Insurance, The Argus Group

ISBN: 978-1-60427-126-3, 368 pages, 6 x 9, 2016 • Retail Price $24.95

**GLOBAL COMPLEX PROJECT MANAGEMENT**
An Integrated Adaptive Agile and PRINCE2 Lean Framework for Achieving Success
By Robert K. Wysocki, Ph.D. and Colin Bentley
This unique reference provides a new and innovative framework to more effectively manage complex and mission-critical projects for delivering maximum business value to organizations, in both the public and private sectors. The authors, both thought leaders and developers of proven approaches to project management, have drawn on the strengths of their own approaches and a variety of others to develop an integrated framework that is lean, agile, flexible, and adaptable to virtually any complex project.

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Reducing Risk on Major Projects
By Michael J. Bible, PMP and Susan S. Bivins, PMP

This first-of-its-kind professional guide, designed for training and college course instruction, presents a holistic view of a new discipline called project interface management, which can mean the difference between success and failure on a wide variety of major projects. The positive impact of its use on large complex industrial and capital intensive projects, often referred to as megaprojects, has been huge. It shows how to plan and implement a project interface management program that incorporates proven practices in a variety of domains to significantly reduce risk and achieve project success.

Key Features
- Destroys the common misconceptions that project interface management is only applicable within technical or engineering functions
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Why, What and How, Second Edition
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A Dynamic Approach to Improving Capability and Project Success
By Loredana Abramo, PMP and Rich Maltzman, PMP

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PROJECT MANAGEMENT, DENIAL, AND THE DEATH ZONE
Lessons from Everest and Antarctica
By Grant Avery, MBA, PMP

Using examples and lessons learned from high-risk environments where the price of project failure is death, this innovative and captivating guide provides powerful insights into the root causes of project failures and how to manage them. This essential reference explores the drivers of risk in projects, the relationship between our ambitions and our abilities, and provides pragmatic real-world solutions to this constancy of project failure that readers can apply directly to their organization.
MANAGING STAKEHOLDER EXPECTATIONS FOR PROJECT SUCCESS
A Knowledge Integration Framework and Value Focused Approach
By Ori Schibi, PMP
This unique desk reference provides a practical approach to managing stakeholder expectations, communication, risk, change, and quality, ensuring the project’s scope, schedule, and cost are attained. Best practices, concepts, and methodologies found in PMI’s PMBOK® Guide and APMG’s PRINCE2® are provided, as well as guidelines on how to leverage these ideas for addressing organizational challenges and project realities.

ISBN: 978-1-60427-086-0, 360 pages, 6 x 9, 2013 • Retail Price $59.95

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By Michael J. Bible, PMP and Susan S. Bivins, PMP
“Using their real-world experience, Bible and Bivins address many challenges not found in most PPM books, and offer scientifically based research to support their solutions. This is a book worth owning.”
— Anthony Whitfield, Project Portfolio Manager, CMS Energy

ISBN: 978-1-60427-066-2, 360 pages, 6 x 9, 2011 • Retail Price $89.95

BUSINESS DRIVEN PMO SETUP
Practical Insights, Techniques and Case Examples for Ensuring Success
By Mark Price Perry
Business Driven PMO Setup presents practical experiences and wisdom for those responsible for, belonging to, and served by a PMO. This unique reference presents new material not available in other books and was written by over 20 contributing authors who are veteran line executives and either directly manage PMOs, have PMOs reporting to them, or are subject matter experts that service them.

ISBN: 978-1-60427-013-6, 528 pages, 6 x 9, 2009 • Retail Price $79.95

RISK MANAGEMENT FOR PROJECT DRIVEN ORGANIZATIONS
A Strategic Guide to Portfolio, Program and PMO Success
By Andy Jordan, PMP
Traditional project-level risk management does not provide a clear view of the totality of risks that impact an organization. Well-known expert Andy Jordan presents a practical, adaptable risk management approach that enables dramatically improved command and control of risks from an organizational perspective, and provides guidelines on how to ensure that they are managed effectively.

ISBN: 978-1-60427-085-3, 360 pages, 6 x 9, 2013 • Retail Price $54.95

ORGANIZATIONAL PROJECT PORTFOLIO MANAGEMENT
A Practitioner’s Guide
By Dr. Prasad Kodukula, PMP, PgMP
This unique guide offers a generic, practical methodology and tool kit to design, build, and manage a balanced portfolio at any level of the enterprise. These techniques can be used irrespective of business industry, and at any level of an organization, whether profit-based, non-profit, or government. It illustrates how to initiate, analyze, rank, prioritize, select, terminate, or complete projects effectively under the purview of a portfolio.

ISBN: 978-1-932159-42-4, 328 pages, 6 x 9, 2014 • Retail Price $59.95

BEST PRACTICES FOR MANAGING BPI PROJECTS
Six Steps to Success
By Cina Abudi and Yusuf Abudi
Although numerous project management books and business processes and initiatives are available, until now there has been a lack of comprehensive guides on managing business process improvement (BPI) projects. Best Practices for Managing BPI Projects is a comprehensive guide for project managers who want to improve how they handle BPI projects. Using a simple step-by-step, six-phase approach, project managers and others involved in BPI initiatives will increase their confidence and comfort in successfully managing these projects.

ISBN: 978-1-60427-096-9, 328 pages, 6 x 9, 2015 • Retail Price $69.95

BUSINESS DRIVEN PROJECT PORTFOLIO MANAGEMENT
Conquering the Top 10 Risks that Threaten Success
By Mark Price Perry
This practical guide contains the executive insights, management strategy, tactics, processes and architecture needed for the successful implementation, ongoing management, and continual improvement of project portfolio management. It also provides end-of-chapter “PPM Provider Showcase” pieces that highlight the thought leadership of top industry firms including Microsoft, Hewlett-Packard, and Computer Associates.

“... a well structured must read with ready-to-use tool kits! Perry provides a straightforward and highly valuable in-depth analysis of the top PPM pitfalls from a business perspective for executives and PMO managers wishing to maintain or create a successful PMO.”
— Ole F. Holleufer, PMO Manager, Tryg

ISBN: 978-1-60427-053-2, 320 pages, 6 x 9, 2011 • Retail Price $64.95

Indicates an ideal choice for professors, instructors, and trainers. Course/Instructor materials may be available.
MANAGING AGILE DEVELOPMENT FOR COMPETITIVE ADVANTAGE
By David A. Bishop
Agile methodologies have become a popular and widely accepted method for managing software development. However, despite this success, managing agile methods has proven to be a real challenge for most companies. This is the first book to provide a comprehensive approach for managing a new and highly effective breed of agility from the executive level down. Based on scientific theory and practitioner research, it is the definitive play-book for those seeking the optimal solution for adapting agile to more complex product development and organizational contexts. This desk reference shows organizations how to manage both agile and waterfall techniques to outperform their competition in industries with very high technological change, turbulent markets, and innovation.

PROJECT MANAGEMENT THE AGILE WAY, SECOND EDITION
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A best-seller in its first edition, this leading-edge agile project management book has been updated, revised, and redesigned into a modular format. Experienced project and program managers, business analysts, architects and systems analysts, and students who are comfortable in traditional methods of project management, will learn about agile methods and gain an understanding of how to make agile work effectively in the enterprise. Practitioners will gain practical day-to-day tips and advice on how to apply these practices to mainstream projects and how to integrate these methods with other methodologies used in the enterprise.

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Best Practices, Tools and Techniques
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In previous years, setting up IT infrastructure was just preparation of the data center. It has now become much more complex and evolved to include not only the data center facility, but also the entire organization to provide connectivity over the internet to customers, vendors, and company executives on the move. This is the first book to detail how to create IT infrastructure rather than simply describe how to manage the IT function or software development.

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Even in a well-managed multi-project environment, it is not unusual to see half of all projects completed either late, over budget or with cuts to original scope. However, the proven approach presented in this title has enabled large, medium, and even small organizations to consistently complete their projects faster, within original scope and budget, and increase the number of projects executed with the same resources by as much as 70%.

ENTERPRISE PROJECT PORTFOLIO MANAGEMENT
Building Competencies for R&D and IT Investment Success
By Richard M. Bayney, Ph.D. and Ram Chakravarti
This unique guide provides best practices and a structured framework for practitioners to enhance their strategic and analytic capabilities by building competencies in categorizing, evaluating, optimizing, prioritizing and successfully managing an enterprise’s R&D and IT portfolio of investments. It illustrates robust techniques such as integer linear programming, goal programming and multiple objective decision analysis in portfolio selection and prioritization.

AGILE PRACTICES FOR WATERFALL PROJECTS
Shifting Processes for Competitive Advantage
By Barbee Davis, PMP, PMI-ACP
Projects in the near future will be managed with a hybrid of agile and traditional waterfall processes to better address the speed to market, product innovation, and financial challenges that organizations face. This engaging and highly instructive guide covers what agile is, and how and when it is appropriate to blend it into your projects. New and experienced project managers, stakeholders, and students of the discipline will learn how to proactively prepare for and ensure their future success.

DIGITAL MANIFESTO
Principles and Practices for Orchestrating an IT Value Chain
By François Zielemans
This reference introduces six key principles which enable business and IT executives and practitioners responsible for the digitalization of a firm’s business model and strategy to improve value realization of investments in information technology using business IT convergence, business model canvas, agile, and value-based IT management tools.
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By Barbara A. Carkenord, CBAP

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ISBN: 978-1-60427-007-5, 384 pages, 6 x 9, 2008 • Retail Price $69.95

SEVEN STEPS TO MASTERING BUSINESS ANALYSIS

The Essentials, 2nd Edition
By Jamie Champagne, CBAP, PMP, PMI-PBA

This second edition of the #1 best-seller on business analysis is an instructional text that will help relatively new analysts, and those expected to do BA work in addition to their main role such as project managers and IT professionals, build their skill-sets, master the essentials, and advance their careers.

ISBN: 978-1-60427-160-7, 360 pages, 7.5 x 9.25, 2019 • Retail Price $69.95

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Seven Steps to the Next Level of Competency
By Kelley Bruns, CBAP, PMI-PBA, and Billie Johnson, CBAP, PMI-PBA, CSM

This volume presents all the standard practices for performing business analysis work across seven steps, five perspectives, and 74 techniques. It will help BAs at all levels further develop their skills and capabilities and master the next, or intermediate, level of competency in business analysis needed to advance their careers. A separate workbook is also available (ISBN: 978-1-60427-161-4).

ISBN: 978-1-60427-138-6, 416 pages, 7.5 x 9.25, 2019 • Retail Price $69.95

THE COMPLETE GUIDE TO REQUIREMENTS MANAGEMENT USING THE REПАС® FRAMEWORK

By Perry J. McLeod, PMI-PBA, CBAP

This guide provides a unique requirements elicitation, planning, analysis, and collaboration (REПАС®) framework that helps business analysts and project teams center their efforts on stakeholders needs. It enables them to choose the correct perspective and appropriate level of complexity necessary for effective collaboration to build requirements right the first time.

ISBN: 978-1-60427-135-5, 384 pages, 6 x 9, 2019 • Retail Price $69.95

AGILE BUSINESS ANALYSIS

By Kevin Aguanno, FPMAC, PMI-ACP, and Ori Schibi, PMI-PBA, PMI-ACP

Designed for business analysts, agile practitioners, and project managers of all levels, this practical guide demonstrates for users how the application of business analysis skills can improve the performance of agile processes and activities and help achieve agile project success. It discusses the enhanced role the business analyst can play and illustrates the flow of work and responsibilities between the business analyst and the agile team in the process of eliciting, documenting, analyzing, communicating, validating and managing requirements, including the application of modeling techniques to enhance the ability to produce good agile requirements.

ISBN: 978-1-60427-148-5, 332 pages, 6 x 9, 2018 • Retail Price $44.95
Most every company, regardless of what domain it operates in, is keenly aware that it needs to harness the power of big data or perish. Many start big data projects and soon learn that the path to success is full of twists and turns, inherently risky from a non-delivery of anticipated strategic benefits perspective, and seemingly overwhelming. This book shows business leaders, executives, and managers how to successfully navigate these hurdles and how data management can be made to deliver on its true promise of monetizing data and achieving transformational capabilities.

ISBN: 978-1-60427-158-4, 168 pages, 6 x 9, 2019 • Retail Price $29.95

The world we live in is transforming into something that will be profoundly different than the past. In the business community, it is likely that data will soon reign and software will govern. This book provides business leaders, executives, and managers strategies for managing the effects of this transformation, the new opportunities, the pitfalls, and the make-or-break issue of engagement between data, people, and processes. It presents a conceptual management framework for anticipating and exploiting change to a firm’s short- and long-term advantage and dives deep into the anatomy of an organization able to shape its financial destiny.

ISBN: 978-1-60427-159-1, 232 pages, 6 x 9, 2019 • Retail Price $32.95

This comprehensive reference addresses all four dimensions of quality: specifications, design, construction, and conformance. It details the aspects of building-in quality at the component level and addresses the organizational-level activities that provide an environment conducive to fostering quality in the deliverables. This book also provides the information and guidance needed for implementing a process-quality assurance model in your organization.

ISBN: 978-1-60427-034-1, 408 pages, 6 x 9, 2010 • Retail Price $59.95

The book provides the software engineering fundamentals, principles, and skills needed to develop and maintain high-quality software products. The software engineering processes and techniques covered include requirements specification, design, implementation, testing and management of software projects. At the end of each chapter, the reader will be able to perform tangible software engineering tasks by applying the learned techniques and methods and will be able to analyze existing task deliverables, and compare and critique the different techniques. A solutions manual is available to instructors.

ISBN: 978-1-932159-94-3, 360 pages, 7 x 10, 2009 • Retail Price $99.95

“Outstanding! Read this book carefully since a few minutes of consideration may save you or your company millions of dollars and years of struggle in achieving business value from your software development initiatives.”

SUPPLY CHAIN / OPERATIONS

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By Howard Forman & David Forman
This study guide, used in conjunction with the APICS CSCP Learning System, provides users a proven approach to passing the Certified Supply Chain Professional (CSCP) exam. It explains over 50 calculations, 1000 key terms and concepts, and includes over 25 exercises and 400 practice exam questions, as well as online access to many more practice exam questions to help users become fully prepared to pass the CSCP exam on their first attempt.

ISBN: 978-1-60427-129-4, 448 pages, 7.5 x 9.25, 2018 • Retail Price $89.95

HYPER-PRODUCTIVE KNOWLEDGE WORK PERFORMANCE
The TameFlow Approach and Its Application to Scrum and Kanban
By Steve Tendon & Wolfram Müller
This unique reference shows how to effectively manage knowledge work, lead knowledge workers to a state of hyper-productivity, and build a hyper-productive knowledge work organization. Applying the TameFlow approach to the four flows of organizational performance (information, psychology, work, and finance) will substantially improve the performance of each, and create an organization capable of producing spectacular operational and financial results.

ISBN: 978-1-60427-106-5, 368 pages, 6 x 9, 2015 • Retail Price $64.95

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ISBN: 978-1-60427-116-4, 320 pages, 6 X 9, 2016 • Retail Price $59.95

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ISBN: 978-1-60427-038-9, 272 pages, 6 x 9, 2011 • Retail Price $79.95

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Best Practices for Ensuring Success
By Gina Abudi, PMP
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ISBN: 978-1-60427-133-1, 256 pages, 6 x 9, 2017 • Retail Price $54.95

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Best Practices, Concepts, and Strategies
By Robert J. Trent and Llewellyn R. Roberts
Managing Global Supply and Risk blends three distinct but interrelated topics—international purchasing, global supply management, and global risk management—to present the critical differences between companies that pursue international purchasing and those that have evolved toward a more sophisticated global supply management model.

ISBN: 978-1-60427-014-3, 336 pages, 6 x 9, 2009 • Retail Price: $49.95

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Achieving a Higher Level of Effectiveness
By Diana L. Lindstrom
This unique multi-faceted reference integrates the best practices and processes of the supply management and project management fields. Project managers are provided with all of the steps and processes used in procurement, and procurement professionals receive a detailed guide about how adding and applying a few project management processes and techniques to their skill set can substantially improve their company’s results as well as their own career opportunities.

ISBN: 978-1-60427-089-1, 320 pages, 6 x 9, 2014 • Retail Price $44.95

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ISBN: 978-1-932159-49-3, 288 pages, 6 x 9, 2005 • Retail Price $44.95

THE PROCUREMENT GAME PLAN
Winning Strategies & Techniques for Supply Management Professionals
By Charles Dominick and Soheila R. Lunney, Ph.D.
This valuable guide provides an easy-to-follow game plan with strategies for procurement and supply management professionals to improve supplier relationships, secure measurable cost reductions, achieve operational effectiveness and efficiency, and positively impact margins.

Key Feature
• Simplifies complex concepts and breaks them down into easy-to-follow steps so that professionals with different skill levels can apply them and secure tangible results

ISBN: 978-1-60427-067-9, 264 pages, 6 x 9, 2012 • Retail Price $44.95

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By Jon Hansen and Kelly Barner
This thought-provoking book examines the 10 major questions concerning procurement’s role in the enterprise and how procurement is at a crossroads that will shape the future of the profession. The goal of this book is not to provide step-by-step directions on a hypothetical ‘correct’ path, but to illuminate the relative benefits of each choice available to procurement professionals.

“This provides an unprecedented look into a rapidly changing industry that will equip the reader with both the insight and knowledge to harness the power and influence a profession that has traditionally hid behind the scenes.”

– Shep Hyken, New York Times bestselling author

ISBN: 978-1-60427-117-1, 328 pages, 6 x 9, 2016 • Retail Price $39.95

SUPPLY MARKET INTELLIGENCE FOR PROCUREMENT PROFESSIONALS
Research, Process, and Resources
By Jeanette Jones and Kelly Barner
This reference provides procurement professionals with the process, practical real-world tactics, and guidance needed to design and develop a supply market intelligence program that will integrate with existing procurement team structures and processes, and deliver significant value to an organization as a whole. The authors clearly explain the concepts introduced and then provide the background, steps, and resources required for successful execution possible. A detailed listing of quality research resources is also provided, offering a valuable go-to resource.

ISBN: 978-1-60427-101-0, 360 pages, 6 x 9, 2014 • Retail Price $64.95

SUPPLY MANAGEMENT AND PROCUREMENT
From the Basics to Best-in-Class
By Robert W. Turner
Written for both the C-level executive planner and the procurement practitioner performing daily tasks, this book contains proven tools and techniques and a wealth of information you can use to improve individual performance in real-world situations, help attain best-in-class supply management performance for your organization, and achieve competitive advantage.

ISBN: 978-1-60427-063-1, 272 pages, 6 x 9, 2011 • Retail Price $59.95
ACCELERATING LEAN SIX SIGMA RESULTS
A Guide to Improvement Excellence in the New Economy
By Terence T. Burton

As we emerge from the biggest recession since the Great Depression, this new economy presents the greatest challenges, but also the greatest opportunities in the history of improvement. The 16 chapters of this practical book provide the proven leadership, business infrastructure, and new applications to key strategic areas such as sales and marketing, new product development, supply chain management, outsourcing and supplier management, and other core transactional activities.

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A Complete Project Management Approach
By Dennis P Hobbs, CPIM

This book is for manufacturers who have taken the initiative to implement a lean operating system but haven't achieved the expected results, and for those convinced of the benefits of lean but don't know where to begin. It explains the decision-making process for determining whether a lean business transformation is a good solution for your enterprise and the mechanics of the lean transformation process, and how to create performance measurements to reinforce Lean throughout the enterprise.

END-TO-END LEAN MANAGEMENT
A Guide to Complete Supply Chain Improvement
By Robert J. Trent, Ph.D.

Featuring an expansive set of tools, techniques, and performance measures, this unique book shows how to apply the lean philosophy across the entire supply chain, from suppliers, to transportation and operations, through distribution to customers. Managers who are under constant pressure to demonstrate performance improvements will find this a timely and necessary resource.

LEAN AND AGILE VALUE CHAIN MANAGEMENT
A Guide to the Next Level of Improvement
By Ehab H. Sabri, Ph.D., and Salim N. Shaikh

Although the benefits of applying lean concepts or improving the flexibility of a value chain are clear and desperately needed in today's competitive environment, none of the current literature provides guidance on how to do this. Lean & Agile Value Chain Management fills that gap by providing a breakthrough start-to-finish roadmap for organizations to implement a lean and agile value chain transformation program successfully.

LEAN SIX SIGMA SERVICE EXCELLENCE
A Guide to Green Belt Certification and Bottom Line Improvement
By Gerald M. Taylor, Six Sigma Black Belt

LEAN MATERIALS PLANNING AND EXECUTION
A Guide to Internal and External Supply Management Excellence
By Donald H. Sheldon, CFPIM, CIRM

LEAN COST MANAGEMENT
Accounting for Lean by Establishing Flow
By James R. Huntzinger

SIX SIGMA BEST PRACTICES
A Guide to Business Process Excellence for Diverse Industries
By Dhirendra Kumar, Ph.D.

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SUSTAINABLE PRODUCT INNOVATION

Entreprenuership for Human Well-being
By Dariush Rafinejad, Ph.D.

This important book, designed for academic courses, certifications, and professional training, makes a well-supported business case for sustainable product development, and why human well-being must become the overarching goal of new technology and product development. It presents a holistic approach for achieving multi-stakeholder optimization in product life-cycle design in order to meet a firm’s objectives, investors’ ROI expectations, and regulatory requirements, while protecting the environment and rapidly depleting natural resources.

About the Author

Dariush Rafinejad is a world-renowned sustainability expert and consultant, with a focus on product development and commercialization decisions. He has extensive experience in the aerospace, defense, mining, and technology sectors, and has helped numerous companies develop sustainable products and processes.

Key Features

- Demonstrates how prevalent activities in a product’s life cycle are the root causes of many global sustainability challenges.
- Explains why sustainable product development is essential, and how it works within a start-up or an established company.
- Organizes and leads the process of integrating sustainability effectively across a product’s life cycle.
- Provides a clear roadmap for success in innovation, reaping benefits to society and the companies who follow this path.

“…a must-read. Dr. Rafinejad has delineated a brilliant road map for success in innovation, reaping benefits to society and the companies who follow this path.”
— Suzanne Farver, Author and Sustainability Instructor, Harvard University

INNOVATION, PRODUCT DEVELOPMENT AND COMMERCIALIZATION
Case Studies and Best Practices in Product Development
By Dariush Rafinejad, Ph.D.

Unlike other books on product development that limit their scope to the product development process, this book takes a unique holistic approach and examines the diverse issues that managers face to channel resources in the right direction for global commercial success. It explores innovation, new product development and commercialization decisions within an integrated framework of business, market, technology, and resource strategy.

Key Features

- Describes commercialization of innovation and new products in fast-paced, high-tech markets and matching technological innovation to market opportunities.
- Details how to manage portfolios of technologies and products for market leadership.
- Includes proven and state-of-the-art best practices in executing new product development projects, including R&D and marketing, design and process engineering, quality, and organizational structure.
- Provides numerous case studies of business-to-business and high-tech products and markets that embody managerial challenges in a new product development environment.

INVESTMENT-CENTRIC INNOVATION PROJECT MANAGEMENT

Winning the New Product Development Game
By Steven Keays

This seminal reference unveils a comprehensive investment-centric innovation, project management, and execution framework for transforming an idea into a successful enterprise, mapping the details of the innovator’s development journey, and describes what the business side looks like for the profitable commercialization of the innovation, measured by the sustained ROI delivered to the journey’s investors. It empowers companies big and small to carry out their innovation programs with the smallest investment risks and highest probability of successful commercialization.

About the Author

Steven Keays is a 30-year veteran of the aerospace, defense, manufacturing, and oil and gas industries. He is the founder and CEO of NAIAD Company, a project consulting firm that specializes in the management of large and mega industrial projects with an international footprint. He is a specialist in large-scale project management, global execution strategies, construction and modularization, and has held leadership roles on projects in the Americas, Europe, and Asia.

Key Features

- Explains how innovation can be discovered and developed using the author’s FAST and function tree method to increase value and competitive advantage.
- Illustrates how the FAST diagram clarifies a problem and pinpoints the areas to apply creativity.

“I would highly recommend this book to anyone who is interested in learning how to turn an idea into a successful business.”
— Suzanne Farver, Author and Sustainability Instructor, Harvard University

FAST CREATIVITY & INNOVATION

Rapidly Improving Processes, Product Development and Solving Complex Problems
By Charles W. Bytheway

This title is a landmark work authored by the creator of the method called Function Analysis Systems Technique (FAST). FAST is a powerful mapping technique that can graphically model goals, objectives, and procedures in function terms to understand cause and effect relationships. This technique quickly brings clarity to whatever situation or problem it is applied and greatly enhances productive thinking, creativity, innovation, and complex problem solving.

About the Author

Charles Bytheway was the first recipient of the Lawrence D. Miles Award by the Society of American Value Engineers (now SAVE International) for his creative development of FAST diagramming.

SUSTAINABLE PRODUCT INNOVATION

(continued...)

INNOVATION & PRODUCT DEVELOPMENT

...
MASTERING ORGANIZATIONAL CHANGE MANAGEMENT
By Barbara A. Davis
Unlike organizational change theories and concepts, clear practical approaches for success and ways to measure and analyze the effectiveness of change activities and initiatives have been mostly unavailable. This guide provides a model for organizational change practitioners to follow in developing and executing change initiatives in any enterprise transformation effort.

ISBN: 978-1-60427-141-6, 256 pages, 6 x 9, 2017
Retail Price $59.95

ENTERPRISE CONTRACT MANAGEMENT
A Practical Guide to Successfully Implementing an ECM Solution
By Anuj Saxena
Globalization, technology advancements, and a rise in the number of regulations and legislation, have led to a heightened interest in re-engineering and automation of Enterprise Contract Management (ECM) processes across industry sectors and geographies. This book addresses all the questions surrounding ECM, ECM Solutions, and the project management, change management, and risk management considerations to ensure successful implementation.

Retail Price $69.95

VIABLE VISION
Transforming Total Sales into Net Profits
By Gerald I. Kendall, PMP
Viable Vision is a proven strategic plan and approach developed by industry guru and mega best-selling author Eli Goldratt. The methodology he presented outlines the steps to transform an organization's total sales into net profits within 4 years. This book by Kendall explains this concept and provides readers with a proven frame of reference and roadmap for achieving exponential growth in profits. Due to the success of this book, it has already been translated into Spanish, Portuguese, Korean, Japanese, Russian, and simple and complex Chinese.

Retail Price $24.95

ENTERPRISE CONTRACT MANAGEMENT
Revisiting Groupthink in the Boardroom
By David Silver
Corporate executives, lawyers and board members suffer from “groupthink” when confronted with a crisis, restructuring, or litigation, which results in a communications meltdown that hurts a company's number one asset—its reputation. This book gives examples of corporations that failed to communicate effectively in a crisis and offers innovative communications strategies that will help guide your firm through a distressed situation.

Retail Price $34.95

INNOVATION FOR MEDIA CONTENT CREATION
Tools and Strategies for Delivering Successful Content
By Marlon Quintero
Innovation for Media Content Creation provides a fresh approach to the strategic, logistic, creative, and managerial aspects of media content and television programming development. This well-organized, step-by-step guide provides the framework and tools needed to deliver innovative, creative content successfully and consistently in today's multi-platform television landscape. Executives, creative professionals, and students alike will find value in this one-of-a-kind book.

Retail Price $49.95

BRANDED ENTERTAINMENT
Dealmaking Strategies & Techniques for Industry Professionals
By Damaris Valero
Branded Entertainment provides a thorough and practical understanding of the Branded Entertainment business, including the roles and thought process of all parties involved in a potential deal: the brands, the networks, the content producers, and the ad/marketing agencies. This book outlines the many different scenarios that can surface depending on who leads a deal and who accepts production costs, and provides the appropriate tactics for each.

Retail Price $49.95

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DISTRESSED DEBT ANALYSIS
Strategies for Speculative Investors
By Stephen G. Mayer, JD, MBA, CFA

Corporate restructurings and bankruptcy reorganizations have provided investors with outstanding investment opportunities. This definitive reference explains the potential opportunities and the multi-move, chess-like strategies that must be mastered to achieve profitable results. Using numerous real-world examples and case studies to demonstrate concepts and critical issues, Distressed Debt Analysis provides theoretical and practical insight and presents a conceptual, but not overly technical, outline of the financial and bankruptcy law context in which restructurings take place.

ISBN: 978-1-932159-18-9, 472 pages, 6 x 9, 2004 • Retail Price $119.95

PROJECT VALUATION USING REAL OPTIONS
A Practitioner’s Guide
By Dr. Prasad Kodukula, PMP, & Chandra Papudesu

Business leaders are frequently faced with investment decisions on new and ongoing projects. The challenge lies in deciding what projects to choose, and which method of valuation to use as the key tool in the process. This title presents a step-by-step, practical approach to “real options” valuation to make it easily understood by practitioners as well as senior management.

ISBN: 978-1-932159-43-1, 256 pages, 6 x 9, 2006 • Retail Price $54.95

STATE AND LOCAL TAXATION:
Principles And Planning, Third Edition
By Sanjay Gupta, John Karayan, Charles Swenson, and Joseph Neff

Written by experts with over 120 years of combined experience in state and local tax planning, this valuable reference is a must-have for Tax Accountants, Controllers, Accounting Managers, CFOs, COOs, Tax Managers, Presidents, General Managers, CPAs, and Tax Attorneys, as well as students. Real-life examples are used to demonstrate the fundamental principles of state and local taxation and how to incorporate them into strategic business planning.

Designed with both the professional and college student in mind, the text follows the AICPA/ATA Model Tax Curriculum.

ISBN: 978-1-60427-095-2, 288 pages, 6 x 9, 2019 • Retail Price $69.95

AIRCRAFT FINANCE
Strategies for Managing Capital Costs in a Turbulent Industry
By Bijan Vasigh, Reza Taleghani, and Darryl Jenkins

One of the largest assets that an airline has is aircraft, therefore it is critically important to develop a methodology that estimates an aircraft’s value and also determines efficient utilization to ensure an acceptable rate of return on the asset. Aircraft Finance provides a comprehensive review of aircraft finance and valuation and presents a detailed methodology for accurate valuations, which measures return on investment, improves the efficiency of managing operating costs, and more effectively determines revenue analysis.

ISBN: 978-1-60427-071-6, 408 pages, 6 x 9, 2012 • Retail Price $99.95

EDUCATION

TURNING EDUCATION INSIDE-OUT
Confessions of a Montessori Principal
By Judy Dempsey

Based on her 40+ years of Montessori experience, serving as a teacher, a Montessori trainer for teachers, an administrator, and a Montessori school owner, the author shares evidence of the positive impact that the Montessori experience has on the developing child, clears up misconceptions about exactly what Montessori is, and helps parents determine if Montessori is right for their child. Montessori educators will find her insight regarding the challenges of successfully implementing the Montessori philosophy in the classroom to also be helpful in their own journey.

ISBN: 978-1-60427-131-7, 295 pages, 6 x 9, 2016 Retail Price $19.95

“Dempsey’s book touches the hearts and minds of teachers, administrators, and parents alike. As an educator for 45 years, I was spellbound as the words leaped off the pages and touched my heart. I will keep extra copies on my shelf to pass on to parents and educators as they pass through my door.”

— Charaline Luna, Ed.D., President, Association of Independent Schools of Florida

“This is a must-read for all parents considering a Montessori education for their child. Dempsey also offers Montessori administrators and teachers a joyful sharing about her significant Montessori career.”

— Richard Ungerer, Executive Director, American Montessori Society

“Dempsey intrigues the reader with her understanding of Montessori philosophy and curriculum. The vignettes of her Montessori students, though, as she traces them from preschool to career, are stunning and inspiring.”

— Dr. Pamela Zell Rigg, Program Director, Montessori Teacher Education Center, San Francisco Bay Area
This is the first and only comprehensive senior-level college textbook that provides the essential information needed to complete a successful capstone project in civil, construction, architectural, or environmental engineering. The text replicates the steps commonly used by practicing engineers to complete design projects—from site selection through investigation, planning, design calculation and drawing preparation. Students will gain valuable insight and preparation for civil and construction engineering professional practice, and will learn how to smoothly transition from strictly academic work to solving real-world problems in the context of their capstone projects.

ISBN: 978-1-60427-114-0, 432 pages, 7 x 10, 2015 • Retail Price $129.95

EARTH ANCHORS: Second Edition
By Braja M. Das & Sanjay K. Shukla

Earth anchors are used in the construction of foundations of earth-supported and earth-retaining structures and transmit the outwardly directed load to the soil at a greater depth and/or further away from the structure. Although in use for several hundred years, theoretical developments for modern engineering designs have taken place only within the past 40-45 years. A summary is provided of the theoretical and experimental works related to the development of proper relationships for the ultimate and allowable holding capacity of earth anchors. This fully updated Second Edition has added two new chapters on suction and caisson anchors, and geo-anchors; and provides end-of-chapter summaries and multiple-choice questions with answers.

ISBN: 978-1-60427-077-8, 352 pages, 6 x 9, 2013 • Retail Price $79.95

SEMI-RIGID CONNECTIONS HANDBOOK
Edited by Wai-Fah Chen, Norimitsu Kishi, and Masato Komuro

A Title in the J. Ross Publishing Civil & Environmental Engineering Series

With the publication of the 2005 AISC specifications as well as Eurocode 3, practical implementation of the use of partially restrained (PR) connections in structural systems is now a real possibility. This Handbook presents a simple and comprehensive introduction to reliable test data on PR connections that will help design practitioners implement these new developments into engineering practice. The authors show, on the basis of the collected connections database, practical mathematical models for computer implementation, and provide case studies on these frames.

ISBN: 978-1-932159-99-8, 1,256 Pages, 7 x 10, 2011 • Retail Price $189.95

ANALYSIS OF STRUCTURES ON ELASTIC FOUNDATIONS
By Edward Tsudik

Analysis of Structures on Elastic Foundations is a practical guide for structural and geotechnical engineers as well as graduate students working in foundation engineering. The author provides practical methods of analysis and describes in detail various foundations, including simple beams on elastic foundations, and very complex foundations such as mat foundations supported on piles. It also covers a new and very simple method of combined analysis of 2D and 3D frames with individual foundations by modeling the system soil-foundation with equivalent line elements and without requiring special software.

ISBN: 978-1-60427-074-7, 600 pages, 7 x 10, 2012 • Retail Price $129.95

This timely volume is for everyone involved with the management and maintenance of public infrastructure systems. An overview of the construction materials, operations, and potential for failure in roadways, stormwater management, water distribution systems, wastewater collection systems, and treatment plants is provided. The goal of the book is to provide the reader with the tools to manage public infrastructure systems to ensure failure does not occur. Risk and vulnerability, asset management and decision making, funding and prioritization, and leadership and public responsibility are all discussed. Several important case studies are also provided to illustrate key concepts.

ISBN: 978-1-60427-139-3, 450 pages, 7 x 10, 2019 • Retail Price $89.95

DESIGN OF COLUMN-REINFORCED FOUNDATIONS
By Mounir Bouassida

This title will be a valuable resource for anyone involved in the geotechnical field, including practitioners, instructors, and students. The design of foundations on soil reinforced by columns is tackled within a general framework where several aspects are taken into consideration, including: modeling of reinforced soil, bearing capacity, settlement, acceleration of consolidation, and improvement of soil characteristics. This unique, full-color guide focuses on the design of column-reinforced foundations, unlike existing books that focus on installation and equipment issues, and improvement techniques (deep soil mixing, stone columns, sand compaction piles).

Key Features
- Introduces innovative columnar techniques that use an optimized improvement area ratio that combines bearing capacity and settlement verification for positive results
- Provides case histories that demonstrate the cost-effective benefits that are realized with optimized design
- Shows the value of the optimized design achieved by elaborated columns through software already in use by geotechnical engineers

ISBN: 978-1-60427-072-3, 228 pages, 7 x 10, 2016 • Retail Price $129.95
WATER RESOURCES AND ENVIRONMENTAL ENGINEERING LABORATORY MANUAL
By Gang Chen, Simeng Li, and Youneng Tang
This state-of-the-art manual can be used as the laboratory textbook for water resources and environmental engineering laboratories. It contains 14 experiments covering major topics in water resources engineering and environmental engineering. Civil and environmental engineering programs typically use this as the text for junior level laboratory classes.

ISBN: 978-1-60427-137-9, 112 pages, 8.5 x 11, 2017 • Retail Price $34.95

GEOTECHNICAL ENGINEERING HANDBOOK
Edited by Braja M. Das
This one-of-a-kind, state-of-the-art definitive reference offers expansive coverage of geotechnical engineering for civil engineering professionals. It brings together essential information related to the evaluation of engineering properties of soils, design of foundations such as spread footings, mat foundations, piles, and drilled shafts, and fundamental principles of analyzing the stability of slopes and embankments, retaining walls, and other earth-retaining structures.

Key Features
• Profusely detailed with charts, drawings, and illustrations to illuminate the applications and theory
• Offers numerous worked-out problems and includes up-to-date coverage of environmental geotechnology

ISBN: 978-1-932159-83-7, 800 pages, 7 x 10, 2010 • Retail Price $129.95

DEEPWATER FOUNDATIONS AND PIPELINE GEOMECHANICS
By William O. McCarron, Editor-in-Chief
A Title in the J. Ross Publishing Civil & Environmental Engineering Series
Practicing engineers in the offshore and reservoir engineering industry will find in this contributed handbook practical information on current oil field development from oil exploration to production. Among the topics covered are deepwater foundation issues and the corresponding requirements of a site investigation; numerical analyses demonstrating how commercially available finite element programs can be used to analyze/design practical foundation alternatives; geo-material models and features necessary for their successful application to various foundation problems; and much more.

ISBN: 978-1-60427-009-9, 352 pages, 7 x 10, 2011 • Retail Price $139.95

LABORATORY TESTING OF SOILS, ROCKS AND AGGREGATES
By N. Sivakugan, A. Arulrajah and M.W. Bo
This unique guide includes laboratory testing methods for most tests for soils as well as rocks and aggregates. Part A gives a general overview of laboratory measurements, equipment, units, safety and standards. Part B covers soil tests from grain size distribution to consolidation, triaxial, and direct shear tests. Part C covers rock tests, which include the indirect tensile strength test and point load test. Part D covers the common tests carried out routinely on aggregates.

ISBN: 978-1-60427-047-1, 240 pages, 7.5 x 9.25, 2011 • Retail Price $89.95
Ensure Accuracy and Readability

The rigorous development process used to create *Mechanics for Engineers* by Das, Kassimali & Sami ensures that it’s accessible and accurate. Each draft was scrutinized to suggest enhancements, flush out any flaws and improve content, approach, realism, and homework problems. The authors worked out solutions to all of their homework and example problems to check for accuracy and consistency. Then, all of the examples and homework problems were sent out to reviewers to solve and cross-check each answer in both books.

Accessible > Accurate > Affordable

Key Features

- Numerous step-by-step examples that demonstrate the correspondence between the FBD (FREE BODY DIAGRAM) and the mathematical analysis
- “Procedures for Analysis” sections that show students how to set up and solve a problem using FBDs to promote a consistent and methodical problem-solving approach
- Homework problems that are graded from simple to complex and are well-balanced tests of theory and practical application (More than 900 in Statics and more than 700 in Dynamics)
- A short review section and key terms at the end of each chapter to promote understanding of new concepts
ARCHITECTURE / ACOUSTICS

ARCHITECTURAL ACOUSTICS HANDBOOK
Edited by Ning Xiang
This full-color book contains the state-of-the-art knowledge and latest trends and developments in architectural acoustics research. This reference will play a fundamental role in the sustainable progress of architectural acoustics research and practical applications. World-renowned experts in the field from both the research and consulting communities contributed to the 15 chapters covering a wide range of sub-fields including computational modeling, noise, vibration controls, and environmental acoustics in the built environment and around buildings. With information not found anywhere else, this handbook is geared for architectural acoustics research, education in academia, and practical applications among acoustics consultants and industry engineers. It is divided into two Parts: Architectural Acoustics Essentials and Architectural Acoustics Practice.

ISBN: 978-1-60427-004-4, 542 pages, 7 x 10, 2017 • Retail Price $129.95

BEST PRACTICES IN SUSTAINABLE BUILDING DESIGN
By Shahin Vassigh, Ebru Ozer and Thomas Spiegelhalter
This unique book and DVD provide an interactive learning environment composed of seven content areas: building form, envelopes, structures, climate control systems, renewable energy, lighting, and landscape design. Each of these content areas is subdivided into learning modules introducing the subject matter and investigates best practices for climate responsive and ecologically sustainable building design and construction. The DVD will help visualize and engage with concepts that may otherwise be too ambiguous or difficult to comprehend in book format.

ISBN: 978-1-60427-068-6, 272 pages, 8.5 x 11, 2012 • Retail Price $89.95

ARCHITECTURAL ACOUSTICS
By M. David Egan
This architecture classic presents in a highly illustrated format the principles of design for good hearing and freedom from noise in and around buildings. The more than 540 illustrations serve as the core of the basic principles of sound and noise, sound absorption and noise reduction, sound isolation and criteria for noise, control of HVAC systems noise and vibrations, auditorium acoustics design, and electronic sound systems.


ISBN: 978-1-932159-78-3, 448 pages, 8.5 x 11, 2007 • Retail Price $64.95

HEAD-RELATED TRANSFER FUNCTION AND VIRTUAL AUDITORY DISPLAY, Second Edition
By Bosun Xie
A Title in the J. Ross Publishing Acoustics: Information and Communication Series
Series Editor: Dr. Ning Xiang, Rensselaer Polytechnic Institute
Contains a foreword by Jens Blauert
This valuable resource systematically details the basic principles and applications of head-related transfer functions (HRTFs) and virtual auditory displays (VADs), as well as the latest developments and approaches in the field. This research has widespread application in engineering, communications, multimedia, consumer electronic products, and entertainment.

ISBN: 978-1-60427-070-9, 504 pages, 7x10, 2013 • Retail Price $99.95

BUILDING SYSTEMS INTEGRATION for Enhanced Environmental Performance
By Shahin Vassigh and Jason R. Chandler
As the environmental impact of buildings becomes increasingly recognized, the role of building designers and the materials, systems, and construction processes used, become more critical. This timely book addresses sustainability in building design through the development of a series of examples presented as three dimensional models of well-integrated building systems. Each model is complete with performance metrics and is composed of two, paired integrated systems featuring analytical drawings, graphs, and tabulated values to demonstrate performance in a particular environment.

ISBN: 978-1-60427-015-0, 168 pages, 8.5 x 11, 2011 • Retail Price $89.95

WORSHIP SPACE ACOUSTICS
By Mendel Kleiner, David Lloyd Klepper, and Rendell R. Torres
A Title in the J. Ross Publishing Acoustics: Information and Communication Series
This unique guide to the design, construction, and use of religious facilities for optimum acoustics is divided into two parts. Part I discusses methods and techniques of room optimization, including how the acoustics of large and small spaces are designed, implemented, and adjusted; how acoustical privacy is attained; noise and its control; and numerical and physical modeling techniques. Part II provides a review of the acoustical characteristics and design of churches, mosques, and synagogues.

ISBN: 978-1-60427-037-2, 328 pages, 6 x 9, 2010 • Retail Price $89.95

ACOUSTICS AND AUDIO TECHNOLOGY
Third Edition
By Mendel Kleiner
A Title in the J. Ross Publishing Acoustics: Information and Communication Series
This text presents a basic short course on acoustics, fundamental equations, and sound propagation and discusses the principles of architectural acoustics, techniques for adjusting room acoustics, and various types of sound absorbers. It offers an overview of the acoustical, mechanical, and electrical properties of loudspeakers and microphones and provides an overview of the properties of hearing and voice.

ISBN: 978-1-60427-052-5, 480 pages, 6 x 9, 2011 • Retail Price $69.95

Indicates an ideal choice for professors, instructors, and trainers. Course/Instructor materials may be available.
BRISTOL BAY ALASKA
Natural Resources of the Aquatic and Terrestrial Ecosystems
Edited by Carol Ann Woody

Bristol Bay, Alaska, supports a wide diversity of globally significant natural resources—from the world’s most valuable wild salmon fishery to one of the world’s largest untapped copper deposits. With contributions from leading scientific experts, this comprehensive, one-of-a-kind book is essential to understanding what is known regarding the extraordinary array of natural resources found within the Bristol Bay ecosystem. This reference will aid policy makers, resource managers, scientists, stakeholders, students, and the public in the discussion, debate, and decision making surrounding the future of this world treasure.

ISBN: 978-1-60427-103-4, 604 pages, 8.5 x 11, 2018 • Retail Price $97.50

SEA TURTLE HEALTH AND REHABILITATION
By Charles A. Manire, Terry M. Norton, Brian A. Stacy, Craig A. Harms, and Charles J. Innis

Sea Turtle Health and Rehabilitation is the first-ever comprehensive book on sea turtle husbandry, health, medicine, and surgery. This full-color guide presents extensive information for the rescue, evaluation, care, and rehabilitation of sick and injured sea turtles at every stage of life. In-depth information is provided on the physiological systems of sea turtles, causes and sources of illness and injury, diagnostic procedures, and medical and surgical treatments. This is an essential volume for veterinarians, veterinary students, veterinary technicians, rehabilitators, aquarists, biologists, and conservationists who work with sea turtles.

ISBN: 978-1-60427-099-0, 1045 pages, 8.5 x 11, 2017 • Retail Price $395.00

CONSERVATION METHODS FOR TERRESTRIAL ORCHIDS
By Nigel Swarts Ph.D. and Kingsley W. Dixon Ph.D.

Orchids are unmatched in their floristic diversity, wide range of growth habitats, and, most importantly, their unique and highly adapted biology and ecology. With terrestrial orchids now among the world’s most threatened plants, the need for conservation is paramount. Conservation Methods for Terrestrial Orchids equips orchid biologists, botanists, conservationists, students, and hobbyists with the necessary methodologies to facilitate the conservation of this endangered group of orchids.

ISBN: 978-1-60427-123-2, 240 pages, 7 x 10, 2017 • Retail Price $69.95

NICHE HIERARCHY
Structure, Organization, and Assembly in Natural Systems
By George Sugihara, Ph.D

Professionals interested in food web dynamics and their relation to niche function, structure and hierarchy in natural systems will find this oft-cited dissertation to be an invaluable resource. Written by Dr. George Sugihara while at Princeton University, this pioneering work was an early attempt to produce a unifying theoretical synthesis to tie together four disparate areas of ecology: 1) the topological structure of food webs, 2) ecosystem dynamics, 3) ecosystem/food web assembly, and 4) universal patterns of species abundance. The work is based on the premise that deep general principles are likely to be associated with widely observed empirical regularities, and is organized around uncovering and explaining such patterns for each of the four research areas, and then showing how they interrelate. While this book has historic interest, it is even more relevant today in its findings and overall scope.

ISBN: 978-1-60427-128-7, 200 pages, 6 x 9, 2017 • Retail Price $124.95
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