

Six Sigma Demystified Second Edition

Jay Arthur, the KnowWare Man, Denver, Colorado, works with success-minded marketers, managers, and salespeople who want to close the gap between where they are and where they want to be.

With the growing business industry there is a large demand for greater speed and quality, for projects of all natures in both small and large businesses. Lean Six Sigma is the result of the combination of the two best-known improvement methods: Six Sigma (making work better, of higher quality) and Lean (making work faster, more efficient). Lean Six Sigma For Dummies uses the right tools, in the right place, and in the right way, not just in improvement and design projects, but also in your day-to-day activities. It shows you how to ensure the key principles and concepts of Lean Six Sigma become a natural part of how you do things so you can get the best out of your business and accomplish your goals better, faster and cheaper.

Europe's leading provider of lean Six Sigma solutions for 10 years, Martin Brenig-Jones is also a Director at Catalyst Consulting. He is an expert in Quality and Change Management and has worked in the field for 16 years. Operations Management textbooks with excellent grounding in the theory and practice of operations management and its role within organizations. Structured in a clear and logical manner, it gradually leads newcomers to this subject through each topic area, highlighting key issues, and using practical case study material and examples to contextualize the theory.

summary material to aid revision. Exercises and self-assessment questions are included to reinforce learning and maintain variety, with answers included at the end of the text.

Still making the same old mental mistakes over and over again? Isn't it time to debug your mental software? Using the simple tools in this book, you'll learn how to: 1) debug your mental software to eliminate the mental barriers to your success. 2) upgrade your mental software to make it more effective.

Six Sigma Demystified, Second Edition

The Six Sigma Handbook, 5E

How to Motivate Everyone

Six Sigma Demystified

The Simplified Beginner's Guide to Lean Six Sigma

Financial Accounting DeMYSTiFieD

A comprehensive reference manual to the Certified Six Sigma Black Belt Body of Knowledge and study guide for the CSSBB exam. DELIVER FASTER, BETTER, AND CHEAPER HEALTHCARE IN AS FEW AS FIVE DAYS 4 STAR DODDY'S REVIEW! "The main purpose is to present simple steps to help hospitals start getting faster, better, and cheaper in five days or less while achieving the goal of fast, affordable, and flawless healthcare. Healthcare has many opportunities for improvement and the use of Lean Six Sigma concepts can make a dramatic impact. This book provides the basic information to do that."-Doddy's Review Service *Lean Six Sigma for Hospitals: Simple Steps to Fast, Affordable, Flawless Healthcare* explains how to use tested Lean Six Sigma methods and tools to rapidly improve hospital operations and quality of care and reduce costs. *These proven strategies follow the patient from the front door of the hospital or emergency room all the way through discharge, examining key aspects of patient flow and quality. The trail of billing and collections is also followed to discover and eliminate cash flow leaks. This practical guide emphasizes both the clinical and operational sides to reduce the "three demons of quality"--delay, defects, and deviation. Real-world case studies from major hospitals illustrate successful implementations of Lean Six Sigma. Coverage Includes: Achieving a faster, better hospital in five days--emergency department, door-to-balloon time, operating room, medical imaging, lab, nursing unit, clinical staff, pharmacy, order accuracy, diagnosis, ICU Lean for accelerated patient flow Reducing medical errors with Six Sigma Creating a more profitable hospital in five days by reducing denied, rejected, and appealed claims Six Sigma for hospitals Excel power tools for Lean Six Sigma Identifying improvement projects through data mining and analysis Sustaining improvement using control charts Laser-focused process innovation Statistical tools for Lean Six Sigma Implementing Lean Six Sigma*

Master modern Six Sigma implementation with the most complete, up-to-date guide for Green Belts, Black Belts, Champions and students! Now fully updated with the latest lean and process control applications. A Guide to Lean Six Sigma and Process Improvement for Practitioners and Students, Second Edition gives you a complete executive framework for understanding quality and implementing Lean Six Sigma. Whether you're a green belt, black belt, champion, or student, Howard Gitlow and Richard Melnyk cover all you need to know. Step by step, they systematically walk you through the five-step DMAIC implementation process, with detailed examples and many real-world case studies. You'll find practical coverage of Six Sigma statistics and management techniques, from dashboards and control charts to hypothesis testing and experiment design. Drawing on their extensive experience consulting on Six Sigma and leading major Lean and quality initiatives, Gitlow and Melnyk offer up-to-date coverage of: What Six Sigma can do, and how to manage it effectively Six Sigma roles, responsibilities, and terminology Running Six Sigma programs with Dashboards and Control Charts Mastering each DMAIC phase: Define, Measure, Analyze, Improve, Control Understanding foundational Six Sigma statistics: probability, probability distributions, sampling distributions, and interval estimation Pursuing Six Sigma Champion or Green Belt Certification, and more This guide will be an invaluable resource for everyone who is currently involved in Six Sigma implementation, or plans to be. It's ideal for students in quality programs; "Green Belts" who project manage Six Sigma implementations, "Black Belts" who lead Six Sigma teams; "Champions" who promote and coordinate Six Sigma at the executive level; and anyone seeking Six Sigma certification.

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The Handbook for Quality Management, Second Edition

Lean Six Sigma for Service

Lean Six Sigma Demystified, Second Edition

Combining Six Sigma Quality with Lean Production Speed

A Complete Guide to Operational Excellence

The Big Book of Six Sigma Training Games: Proven Ways to Teach Basic DMAIC Principles and Quality Improvement Tools

Need to learn Minitab? Problem Solved! Get started using Minitab right away with help from this hands-on guide. Minitab Demystified walks you through essential Minitab features and shows you how to apply them to solve statistical analysis problems. Featuring coverage of Minitab 16, this practical guide explores the Minitab interface and the full range of Minitab graphics, Distribution models, statistical intervals, hypothesis testing, and sample size calculations are clearly explained. The book covers modeling tools of regression and the design of experiments (DOE) as well as the industrial quality tools of measurement systems analysis, control charts, capability analysis, acceptance sampling, and reliability analysis. Detailed examples and concise explanations make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce key concepts. It's a no-brainer! You'll learn about: Assessing powerful Minitab functions with the Minitab assistant Confidence, prediction, and tolerance intervals Designing and analyzing experiments with hard-to-change variables Statistical process control (SPC), Six Sigma applications, and quality control Practicing the economic impact of sampling Analyzing life data with additional variables Simple enough for a beginner, challenging enough for an advanced student, and thorough enough for a Six Sigma professional, Minitab Demystified is your shortcut to statistical analysis success! Take the FEAR OUT of Business Calculus Business Calculus Demystified clarifies the concepts and processes of calculus and demonstrates their applications to the workplace. Best-selling math author Rhonda Huettnermueller uses the same combination of winning step-by-step teaching techniques and real-world business and mathematical examples that have succeeded with tens of thousands of college students, regardless of their math experience or affinity for the subject. With Business Calculus Demystified, you learn on your own pace. You get explanations that make differentiation and integration -- the main concepts of calculus -- understandable and interesting. This unique self-teaching guide reinforces learning, builds your confidence and skill, and continuously demonstrates your mastery of topics with a wealth of practice problems and detailed solutions throughout, multiple-choice quizzes at the end of each chapter, and a "final exam" that tests your total understanding of business calculus. Learn business calculus for the real world! This self-teaching course conquers confusion with clarity and ease. Get ready to: Get a solid foundation right from the start with a review of algebra Master one idea per section -- develop complete, comfortable understanding of a topic before proceeding to the next Find a well-explained definition of the derivative and its properties; instantaneous rates of change; the power, product, quotient, and chain rules; and layering different formulas Learn methods for maximizing revenue and profit... minimizing cost... and solving other optimizing problems See how to use calculus to sketch graphs Understand implicit differentiation, rational functions, exponents, and logarithm functions -- learn how to use log properties to simplify differentiation Painlessly learn integration formulas and techniques and applications of the integral Take a "final exam" and grade it yourself! Who says business calculus has to be boring! Business Calculus Demystified is a lively and entertaining way to master the essential math subject!

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The Lean Six Sigma Pocket Toolkit: A Quick Reference Guide to Nearly 100 Tools for Improving Quality and Speed

Lean Six Sigma for Hospitals: Improving Patient Safety, Patient Flow and the Bottom Line, Second Edition

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Breakthrough Improvement with QI Macros and Excel: Finding the Invisible Low-Hanging Fruit

Simple Steps to Improve Patient Safety, Patient Flow and the Bottom Line A Doodly's Core Title for 2020! This thoroughly revised resource shows, step-by-step, how to simplify, streamline, analyze, and optimize healthcare performance using tested Lean Six Sigma and change management techniques. Lean Six Sigma for Hospitals, Second Edition, follows the patient from the front door of the hospital or emergency room all the way through discharge. The book fully explains how to improve operations and quality of care while dramatically reducing costs--often in just five days. Real-world case studies from major healthcare institutions illustrate successful implementations of Lean Six Sigma. Coverage includes: • Lean Six Sigma for hospitals, emergency departments, operating rooms, medical imaging facilities, nursing units, pharmacies, and ICUs • Patient flow and quality • Clinical staff • Order and claims accuracy • Billing and collection • Defect and medical error reduction • Excel power tools for Lean Six Sigma • Data mining and analysis • Laser-focused process innovation • Statistical tools for Lean Six Sigma • Planning and implementation

A practical, straightforward guide to Six Sigma for employees in organizations contemplating or implementing Six Sigma From noted Six Sigma consultant and author George Eckes, Six Sigma for Everyone explains the underpinnings of the revolutionary quality assurance methodology, offers in-depth examples, and outlines the impact and desired end result of implementation. Whereas, most Six Sigma books are written for executives and practitioners of Six Sigma and tend to be overly technical or strategically focused, this book is written specifically for employees of organizations thinking about or already attempting implementation. George Eckes (Superior, CO) is founder, President, and CEO of Eckes & Associates, Inc., a Colorado-based consulting group specializing in results driven by continuous improvement. Six Sigma training and implementation, outcomes, and benefits are discussed in detail. This book is a must-read for anyone involved in Six Sigma. This international bestseller and essential reference is the "bible" for digital video engineers and programmers worldwide. This fourth edition is completely updated with all new chapters on MPEG-4, H.264, SDTV/HDTV, ATSC/DVB, and Streaming Video (Video over DSL, Ethernet, etc.), as well as discussions of the latest standards throughout. This is by far the most informative analog and digital video reference available, made even more comprehensive through the author's inclusion of the hottest new trends and cutting-edge developments in the field. Finding another amalgamated source of the huge amount of information in this book is impossible. The author attends DVD and HDTV standards meetings, so the absolute most up-to-date content is assured. The accompanying CD is updated to include a unique set of video test files in the newest formats. This book is a "one stop" reference guide for the various digital video technologies. Professionals in this rapidly changing field need the new edition of this book to keep up with the latest developments and standards in the industry. "This essential reference is the "bible" for digital video engineers and programmers worldwide "Contains all new chapters on MPEG-4, H.264, SDTV/HDTV, ATSC/DVB, and Streaming Video "Completely revised with all the latest and most up-to-date industry standards

Learning Six Sigma CAN be a painless process! Six Sigma is among the most effective process methods used today--and it's also among the most baffling topics to those new to the subject. The good news is Six Sigma DeMYSTiFieD, second edition, explains it all in a language you'll understand. This easy-to-understand reference teaches the methods of Six Sigma, explains their applications, and tests expertise--without confusing statistics and formulas. It's a no-brainer! You'll learn about: Assessing powerful Minitab functions with the Minitab assistant Confidence, prediction, and tolerance intervals Designing and analyzing experiments with hard-to-change variables Statistical process control (SPC), Six Sigma applications, and quality control Practicing the economic impact of sampling Analyzing life data with additional variables Simple enough for a beginner, challenging enough for an advanced student, and thorough enough for a Six Sigma professional, Minitab Demystified is your shortcut to statistical analysis success! Take the FEAR OUT of Business Calculus Business Calculus Demystified clarifies the concepts and processes of calculus and demonstrates their applications to the workplace. Best-selling math author Rhonda Huettnermueller uses the same combination of winning step-by-step teaching techniques and real-world business and mathematical examples that have succeeded with tens of thousands of college students, regardless of their math experience or affinity for the subject. With Business Calculus Demystified, you learn on your own pace. You get explanations that make differentiation and integration -- the main concepts of calculus -- understandable and interesting. This unique self-teaching guide reinforces learning, builds your confidence and skill, and continuously demonstrates your mastery of topics with a wealth of practice problems and detailed solutions throughout, multiple-choice quizzes at the end of each chapter, and a "final exam" that tests your total understanding of business calculus. Learn business calculus for the real world! This self-teaching course conquers confusion with clarity and ease. Get ready to: Get a solid foundation right from the start with a review of algebra Master one idea per section -- develop complete, comfortable understanding of a topic before proceeding to the next Find a well-explained definition of the derivative and its properties; instantaneous rates of change; the power, product, quotient, and chain rules; and layering different formulas Learn methods for maximizing revenue and profit... minimizing cost... and solving other optimizing problems See how to use calculus to sketch graphs Understand implicit differentiation, rational functions, exponents, and logarithm functions -- learn how to use log properties to simplify differentiation Painlessly learn integration formulas and techniques and applications of the integral Take a "final exam" and grade it yourself! Who says business calculus has to be boring! Business Calculus Demystified is a lively and entertaining way to master the essential math subject!

In economic downturns, do you have trouble staying profitable? Does it seem like there's too much firefighting and too much day-to-day crisis management? Have you tried everything you can think of to increase profits, but you still have that nagging feeling that there are too many leaks in your cash flow? Imagine having a special set of lenses that would let you see every leak in your cash flow. Not only that, but they would give you precise insights into what to change to plug the leaks and maximize revenue. Using the proven methods and tools of what is now known as Lean Six Sigma, in industries as diverse as healthcare, printing and metal fabrication, Jay Arthur has found that a handful of methods and tools will solve most problems. While Fortune 500 companies spend millions to implement Lean Six Sigma, most companies can't do it out that kind of cash. With the right mindset and a few tools, Jay has found you can start making breakthrough improvements immediately. And it doesn't have to cost a fortune. Most managers find it hard to believe they can double their profits. They doubt that a business can be profitable and still waste as much as \$40 out of every \$100 they spend on their hidden Fix-It Factory of firefighting and crisis management. But that's what Jay finds in every business. In this book you'll discover the power laws of speed and power laws of lean. Jay has removed all of the Lean Six Sigma jargon, leaving only the key insights needed to maximize profits. Jay wants everyone to learn how to be a "Money Belt" - someone who can find and plug the leaks in their cash flow.

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