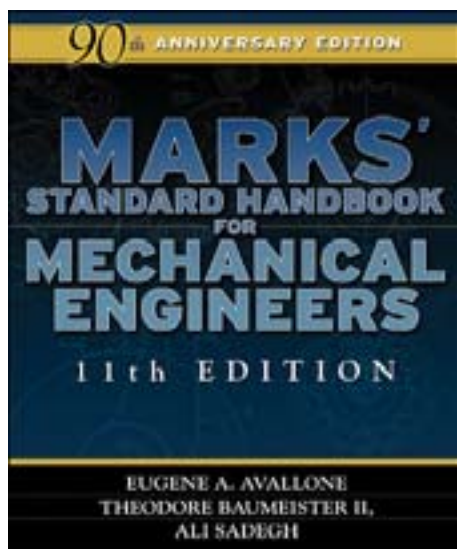


Marks' Standard Handbook for Mechanical Engineers, 11/e

Eugene Avallone, Theodore Baumeister, Ali Sadegh
Imprint: STANDARD USE



Pub date: DEC-06
ISBN: 0071428674 - Previous: 0070049971
EAN: 9780071428675
Format: HARD BACK
UK Price: 115.99 - Euro price: 168.20
SA\$ price: 199.95
Subject area: Mechanical Engineering
Pages: 1800 - Illustrations: 2000

Description

Solve any mechanical engineering problem quickly and easily with the world's leading engineering handbook

Nearly 1800 pages of mechanical engineering facts, figures, standards, and practices, 2000 illustrations, and 900 tables clarifying important mathematical and engineering principle, and the collective wisdom of 160 experts help you answer any analytical, design, and application question you will ever have.

Key features

- New to the Eleventh Edition: new information on nano-technology, biotechnology, electronics, materials engineering and more
- 30% new information in this edition
- The leading engineering handbook for 90 years
- The most up-to-date engineering data available in a single resource on networks, software, bar coding, electronic distance measurement, optical design, and more

Market

Mechanical and design engineers; HVAC engineers/machine/tool engineers and designers, and engineers in such industries as automotive, aerospace, and chemical processes.

Table of contents

Mathematical Tables and Measuring Units
Mathematics
Mechanics of Solids and Fluids

Heat
Strength of Material
Materials of Engineering
Fuels and Furnaces
Machine Elements
Power Generation
Materials Handling
Transportation
Building Construction and Equipment
Shop Processes
Fans, Pumps, and Compressors
Electrical and Electronics Engineering
Instruments and Controls
Industrial Engineering
Environmental Control
Refrigeration
Cryogenics
Optics
Patents
Trademarks
Copyrights
New methods and topics
Miscellaneous

Author Biography

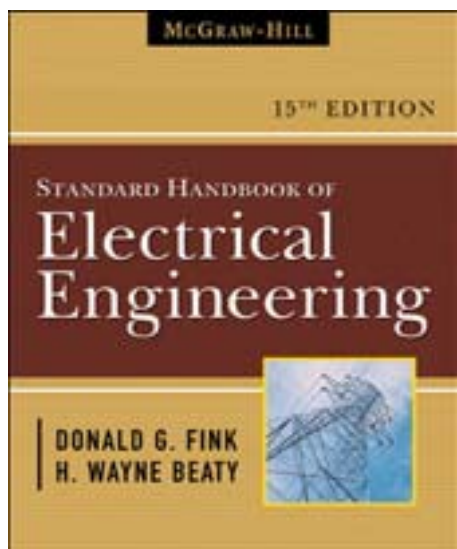
Eugene A. Avallone is a consulting engineer with over 50 years of active practice in industry and academia.

Theodore Baumeister III was affiliated with E.I DuPont de Nemours & Company for many years in engineering & development. Since retirement he has been a computer programmer and consultant in Mechanical engineering.

Ali Sadegh is Director of the Center for AEDD, at City University of New York and a Mechanical Engineer.

Standard Handbook for Electrical Engineers, 15/e

Donald Fink, H. Beaty
Imprint: STANDARD USE



Pub date: JAN-07
ISBN: 0071441468 - Previous: 0070220050
EAN: 9780071441469
Format: HARD BACK
UK Price: 110.00 - Euro price: 159.50
SA\$ price: 195.00
Subject area: Electrical & Electronic Engineering
Pages: 2000 - Illustrations: 750

Description

The Standard Handbook for Electrical Engineers has served the EE field for nearly a century. Originally published in 1907, through 14 previous editions it has been a required resource for students and professionals. This new 15th edition features new material focusing on power generation and power systems operation ' two longstanding strengths of the handbook that have recently become front-burner technology issues. At the same time, the entire format of the handbook will be streamlined, removing archaic sections and providing a quick, easy look-up experience.

Key features

- The latest material on power generation and power systems operation
- In-depth case studies on the causes of major power outages
- Thorough updating of all code-related information
- Entirely new sections on electric power grid operations, managing outages and blackouts, and electrical power generation

Market

Electrical engineers, power engineers, technicians, engineering students

Table of contents

Section 1: Units, Symbols, Definitions, and Conversion Factors
Section 2: Electric and Magnetic Circuits
Section 3: Measurements and Instruments
Section 4: Properties of Materials
Section 5: Power Generation
Section 6: Hydroelectric Power Generation
Section 7: Wind Power Generation
Section 8: Efficiency Methods

Section 9: New Power Plants
Section 10: Power System Components
Section 11: Alternate Sources and Converters of Power
Section 12: Economics of Bulk Electric Power Supply
Section 13: Project Economics
Section 14: Transmission Systems
Section 15: Direct-Current Power Transmission
Section 16: Power System Operations and Power Outages
Section 17: Substations
Section 18: Power Distribution
Section 19: Wiring Design for Commercial and Industrial Buildings
Section 20: Motors and Drives
Section 21: Industrial and Commercial Applications of Electric Power
Section 22: Electronics
Section 23: Power Quality
Section 24: Electrochemistry and Electrometallurgy
Section 25: Computer applications in the Electric Power Industry
Section 26: Illumination
Section 27: Lightning and Overvoltage protection
Section 28: Standards

Author Biography

H. Wayne Beaty is former senior editor of *Electrical World* magazine and former managing editor of *Electric Light & Power* magazine. He is also the author of the *Handbook of Electric Power Calculations*, now in its Third Edition, and the co-author of *Electrical Power Systems Quality*, now in its Second Edition.

Donald G. Fink (deceased) was director emeritus of the Institute of Electrical and Electronic Engineers (IEEE).

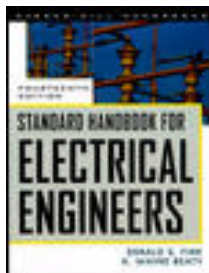
Competition

0849385784 - *Electric Power Engineering Handbook* – Grisby - CRC Press

0750646373 - *Electrical Engineer's Reference Book* - Jones - Butterworth-Heinemann

Backlist Titles Also Available

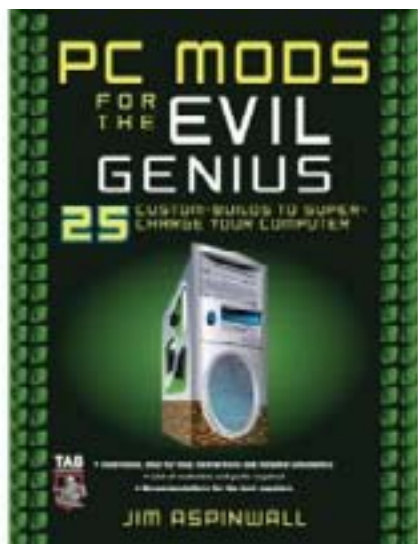
0070220050 - *Standard Handbook for Electrical Engineers 14/e* - Fink-Beaty



PC Mods for the Evil Genius

Jim Aspinwall

Imprint: STANDARD USE



Pub date: JAN 07

ISBN: 0071473602 - Previous: N/A

EAN: 9780071473606

Format: SOFT BACK

UK Price: 15.99 - Euro price: 23.20

SA\$ price: 24.95

Subject area: Electrical & Electronic

Pages: 288 - Illustrations: 120

Description

The kid in all of us has always wanted the newest, coolest, shiniest, fastest, loudest and overall most envious toy on the block. Sometimes that toy is simply acquired, off-the-shelf, usually amidst the crush of others wanting the same thing. Few of us ever think of actually creating our own new toy. But the fact is that these end up being the niftiest toys around. Those with more modest and technical tastes, without machine shops and welding gear out back, an endless supply of engines, wheels, sheet metal and paint, have to make do with the kitchen table, living room floor or garage workbench, and whatever they can scrounge at the local computer store. Some may call them geeks or nerds, but their talents are just as important for getting to the Moon as any wanna-be rocket scientist or piston-head. In fact, these "geeky" projects have guided the galactic engines that put smart robots on distant planets, analyzed the data they collected, and shared it with the rest of the world.

Key features

- Audience includes computer hobbyists, electronics fans, and students in need of science fair and class projects
- Projects include PC-TVs, PC-phones, dual monitors, a PC-PVR (like TiVo for the computer), boom boxes, dual-head voice cards, searching for alien signals, unravelling DNA, and Yahoo and MSN voice services

Market

PC geeks and hobbyists around the world

Table of contents

To Follow

Author Biography

Jim Aspinwall (Campbell, CA) has been the Windows Helpdesk columnist and feature editor for CNET.COM and author of three books on PC maintenance. His articles have been the feature of two recent covers of PC Magazine – March and August, 2005. Jim is also an amateur radio operator, electronics technician and OSHA certified tower climber, maintaining radio transmission sites in northern California. He is the author of Installing, Troubleshooting, and Repairing Wireless Networks (McGraw-Hill, 2003), as well as PC Hacks (O'Reilly, 2005), IRQ, DMA, and I/O (MIS:Press, 1995) and several editions of Troubleshooting Your PC (MIS:Press, 1994).

Backlist Titles Also Available

0071459251	Braga	Bionics for the Evil Genius
0071457593	Braga	Mechatronics for the Evil Genius: 25
0071448810	Cutcher	Electronic Circuits for the Evil Genius
0071468943	Graham	101 Spy Gadgets for the Evil Genius
0071458239	Harper	50 Awesome Auto Projects for Evil Genius
0071469842	Harper	50 Model Rocket Projects for Evil Genius
0071477721	Harper	Solar Energy Projects for Evil Genius
0071426094	Iannini	Electronic Gadgets For The Evil Genius
0071459057	Iannini	MORE Electronic Gadgets for Evil Genius
0071477578	Ledford	25 Home Automation Proj for Evil Genius
0071470360	Petruzzelli	Electronics Sensors for the Evil Genius
0071475567	Petruzzellis	Electronic Games for the Evil Genius
0071451420	Predko	123 PIC Microcontroller Experiments for the Evil Genius
0071413588	Predko	123 Robotics Proj For Evil The Genius



25 Home Automation Projects for the Evil Genius

Jerri Ledford

Imprint: TAB



Pub date: 01-JAN-07

ISBN: 0071477578 - Previous: N/A

EAN: 9780071477574

Format: SOFT BACK

UK Price: 15.99 - Euro price: 23.20

SA\$ price: 24.95

Subject area: Electrical & Electronic

Pages: 288 - Illustrations: 125

Description

Automate anything in the home, from climate control to security!

Computer technology has caught up with home automation, and it's now easy and inexpensive to automate everything in a house including lighting, security, appliances, entertainment, and environmental conditions and here's how to do it! This well-illustrated resource offers 25 complete home automation projects that require only basic household tools and the instructions found within its pages.

Key features

- Projects include lighting, climate control, security, monitoring, wireless television, keyless entry, automatic reminders, sound effects, and more
- Provides readers with an understanding of basic wiring, networking, and equipment
- Readers will be able to obtain coupons for home automation products
- Market includes electronics hobbyists; stereo, lighting, and security professionals; and vocational students in need of school projects

Market

Electronics hobbyists; stereo, lighting, and security professionals looking to get into home automation; Vo-tech students in electronics and training courses.

Table of contents

Chapter 1: Introduction to Home Automation, Chapter 2: Lights Please: Indoor Lighting, Chapter 3: Intruder Alert: Outdoor Lighting, Chapter 4: Whole House Automation: Installing an X-10 System, Chapter 5: It's Getting Hot In Here: Control Your Climate, Chapter 6: Speak Up! Installing Voice Controls
Chapter 7: Who's At the Door? Installing Surveillance Cameras, Chapter 8:

Shhh'I'm on the Phone: Automatic AV Controls, Chapter 9: Music Everywhere: Audio Controls, Chapter 10: Is Anyone There? Installing an Occupancy Sensor Chapter 11: Today is Trash Day: Automating Reminder, Chapter 12: No More Dead Plants: Automating Plant Care, Chapter 13: Watching From Afar: Monitoring Kids and Pets From Work, Chapter 14: Hot and Ready: Preheat the Oven From Your Cell Phone, Chapter 15: Who Let the Dogs Out? Create Your Own Robo-Dog Chapter 16: For the Birds: Installing a Bird Feeder Cam, Chapter 17: No Keys Necessary: Installing Keyless Entry, Chapter 18: Romantic Settings: Creating Macros to Control Your Environment, Chapter 19: Hello Dave: Creating, Automation Personalization, Chapter 20: TV Anywhere: Wireless Television Throughout the House, Chapter 21: Adding Sound Effects, Chapter 22: Add Switches Without Running Wires, Chapter 23: Automate Your Hot Tub, Chapter 24: Add a Little Humor to Your Automated Home, Chapter 25: Connecting Your Home Entertainment System to Your Network, Chapter 26: Create an Illusion of Occupancy: Controlling Your Home When You're Away, Automation Design Worksheets

Author Biography

Jerri Ledford (Magee, MS) is a freelance writer with more than 10 years experience. She's had more than 700 articles appear in publications such as Intelligent Enterprise, Network World, Information Security Magazine, TechNet Magazine, and others. In addition to covering all aspects of business technology, Jerri writes and teaches technology courses for consumers at both Hewlett-Packard and CNET, and has written several consumer books, including The Rational Guide to Preventing Identity Theft (Rational Press, 2005), Cut the Cord! The Consumer's Guide to VoIP (Course Technology a division of PTR, 2005) and The Personal Cybersecurity Bible (Course Technology, 2005.)

Backlist Titles Also Available

0071473602	Aspinwall	PC Mods for the Evil Genius
0071459251	Braga	Bionics for the Evil Genius
0071457593	Braga	Mechatronics for the Evil Genius: 25
0071448810	Cutcher	Electronic Circuits for the Evil Genius
0071468943	Graham	101 Spy Gadgets for the Evil Genius
0071458239	Harper	50 Awesome Auto Projects for Evil Genius
0071469842	Harper	50 Model Rocket Projects for Evil Genius
0071477721	Harper	Solar Energy Projects for Evil Genius
0071426094	Iannini	Electronic Gadgets for the Evil Genius
0071459057	Iannini	MORE Electronic Gadgets for Evil Genius
0071477578	Ledford	25 Home Automation Project for Evil Genius
0071470360	Petruzzelli	Electronics Sensors for the Evil Genius
0071475567	Petruzzellis	Electronic Games for the Evil Genius
0071451420	Predko	123 PIC Microcontroller Experiments for the Evil Genius
0071413588	Predko	123 Robotics Project for Evil the Genius

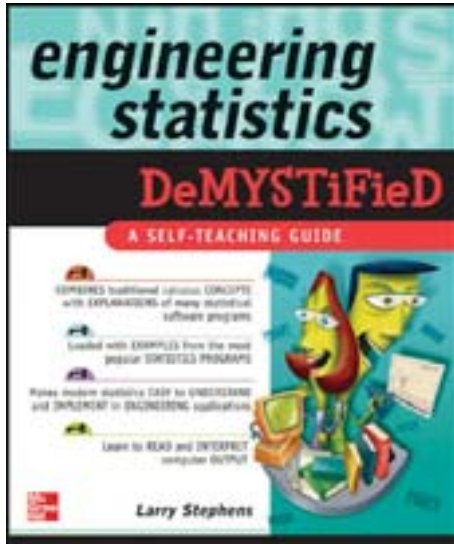
Competition

0764525395 - Smart Homes for Dummies 2/e – Briere - John Wiley & Sons
 0764579568 - Geek House: 10 Hardware Hacking Projects for Around the House 1/e - Press and Press - John Wiley & Sons
 0789732076 - Absolute Beginner's Guide to Home Automation 1/e – Soper - Que
 0596004052 - Home Hacking Projects for Geeks 1/e – Northrup - O'Reilly & Assoc.

Engineering Statistics Demystified

Larry Stephens

Imprint: STANDARD USE



Pub date: DEC-06

ISBN: 0071462724 - Previous: N/A

EAN: 9780071462723

Format: SOFT BACK

UK Price: 12.99 - Euro price: 17.50

SA\$ price: 19.95

Subject area: Engineering

Pages: 448 - Illustrations: 100

Description

Clueless? Feel Like a Dummy? Get Demystified!

This versatile reference offers solid coverage of the basics of traditional engineering statistics and also incorporates examples from the most popular statistical software programs, making it equally valuable to professionals.

Key features

- Includes examples from MINITAB, EXCEL, STATISTIXS, SAS, SPSS, and MAPLE statistical software programs

Market

All engineering students, most science majors, and those wanting a better understanding of the various statistical software programs available to solve engineering problems.

Table of contents

1. Treatment of data 1.1 Pareto Diagrams, Dot Diagrams, Stem-and-Leaf Displays, Histograms 1.2 Descriptive measures 1.3 Quartiles and other Percentiles 1.4 The Calculation of 2. Probability 2.1 Sample Spaces and Events 2.2 Counting 2.3 Probability 2.4 The Axioms of Probability 2.5 Some Elementary Theorems 2.6 Conditional Probability 2.7 Bayes' Theorem 2.8 Mathematical Expectation and Decision Making 3. Probability Distributions 3.1 Random Variables 3.2 The Binomial Distribution 3.3 The Hypergeometric Distribution 3.4 The Mean and Variance of a Probability Distribution 3.5 Chebyshev's Theorem 3.6 The Geometric Distribution 3.7 The Multinomial Distribution 3.8 Simulation 4. Probability Densities 4.1 Continuous Random Variables 4.2 The Normal Distribution 4.3 The Normal Approximation to the Binomial Distribution 4.4 Other

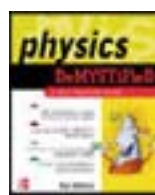
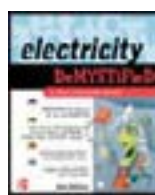
Probability Densities 4.5 The Uniform Distribution 4.6 The Log-Normal Distribution
4.7 The Gamma Distribution 4.8 The Beta Distribution 4.9 The Weibull
Distribution 4.10 Joint Distributions ' Discrete and Continuous 4.11 Checking Data
for Normality 4.12 Transforming Observations to Near Normality 4.13 Simulation
5. Sampling Distribution 5.1 Populations and Samples 5.2 The sampling
Distribution of the Mean (s Known) 5.3 The sampling Distribution of the Mean (s
Unknown) 5.4 The sampling Distribution of the Proportion 5.5 The sampling
Distribution of the Variance 6. Inferences Concerning Means 6.1 Point Estimation
6.2 Interval Estimation 6.3 Tests of Hypotheses 6.4 Null Hypotheses and Tests of
Hypotheses 6.5 Hypotheses Concerning One Mean 6.6 The Relation Between
Tests and Confidence Intervals 6.7 Operating Characteristic Curves 6.8 Inferences
Concerning Two Means 6.9 Randomization and Pairing 7. Inferences Concerning
Variances 7.1 The Estimation of Variances 7.2 Hypotheses Concerning One
Variance 7.3 Hypotheses Concerning Two Variances 8. Inferences Concerning
Proportions 8.1 Estimation of Proportions 8.2 Hypotheses Concerning One
Proportion 8.3 Hypotheses Concerning Two Proportions 8.4 Hypotheses
Concerning Several Proportions 8.5 The Analysis of $r \times c$ Tables 8.6 Goodness of
Fit

Author Biography

Larry Stephens is a professor of mathematics at the University of Nebraska and has also worked for NASA. He is the author of McGraw-Hill's *Advanced Statistics Demystified* and *Schaum's Outline of Beginning Statistics*.

Backlist Titles Also Available

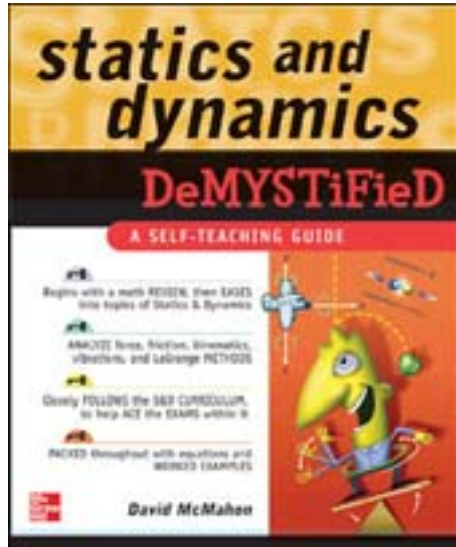
0071469834 – Gibilisco – Audio Demystified
0071439250 – Gibilisco – Electricity Demystified
0071382011 – Gibilisco – Physics Demystified
0071440143 – Kemp – Project Management Demystified
0071449086 – Kemp – Quality Management Demystified
0071455469 – McMahon – Quantum Mechanics Demystified
0071475788 – McMahon – Signals & Systems Demystified



Statics and Dynamics Demystified

David McMahon

Imprint: STANDARD USE



Pub date: NOV-06

ISBN: 0071478833 - Previous: N/A

EAN: 9780071478830

Format: SOFT BACK

UK Price: 12.99 - Euro price: 17.50

SA\$ price: 19.95

Subject area: Mechanical Engineering

Pages: 320 - Illustrations: 100

Description

The fast and easy way to learn statics and dynamics

This new title in the popular Demystified series offers practical, easy-to-follow coverage of the difficult statics and dynamics course. Expert author David McMahon follows the standard curriculum, starting with basic mathematical concepts and moving on to advanced topics such as Newton's Law, structural analysis, centrifugal forces, kinematics, and the LaGrange method.

Key features

- Hundreds of equations, solved problems, and examples throughout

Market

Engineering students in the mechanical and civil and engineering mechanics areas; instructors; those going further in engineering disciplines and needing to pass the Statics and Dynamics class.

Table of contents

Part 1: Mathematical Review

Part 2: Statics

Part 3: Dynamics

Author Biography

David McMahon is a physicist and researcher at Sandia National Laboratories. He is the author of *Linear Algebra Demystified*, *Quantum Mechanics Demystified*, and *Relativity Demystified*.

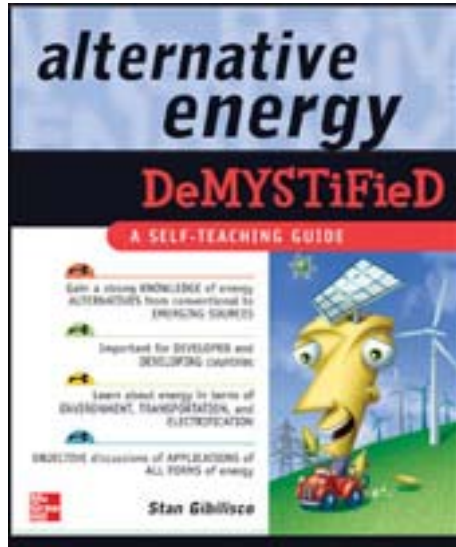
Competition

013090757X - Engineering Mechanics: Statics and Dynamics: Study Pack 1/e
Hibbeler - Pearson Education
0131417770 - Engineering Mechanics: Statics and Dynamics 10/e - Russell C.
Hibbeler - Prentice Hall

Alternative Energy Demystified

Stan Gibilisco

Imprint: STANDARD USE



Pub date: DEC-06

ISBN: 0071475540 - Previous: N/A

EAN: 9780071475549

Format: SOFT BACK

UK Price: 12.99 - Euro price: 17.50

SA\$ price: 19.95

Subject area: Environmental Engineering

Pages: 384 - Illustrations: 125

Description

The fast and easy way to get up-to-speed on alternative energy

Because of current events, geopolitics, and natural disasters, the cost of fuel is front and center in our lives. This book provides a concise look at all forms of energy, including fossil fuels, electric, solar, biodiesel, nuclear, hydroelectric, wind, and renewable fuel cells. You will get explanations, definitions, and analysis of each alternative energy source from a technological point of view.

Key features

- Will appeal to engineering and science students, teachers, consumers, and energy-related corporations
- Covers the environment, transportation, efficiency, and cost

Market

Students and teachers of alternative energy, environmental science and industrial arts; libraries; government agencies; energy-related companies; military, investigative, and security personnel and institutions that train them.

Table of contents

Foreword: The Conservation Question

Part I: THE INDOOR ENVIRONMENT

Test: Part One

Part II: TRANSPORTATION

Test: Part Two

Part III: ELECTRIFICATION

Test: Part Three
Final Exam (100 Questions)

Author Biography

Stan Gibilisco is the "father" of the Demystified series. His titles include *Physics Demystified*, *Everyday Math Demystified*, *Electronics Demystified*, and *Meteorology Demystified*.

Competition

0965809854 - Power with Nature: Solar and Wind Energy Demystified – Ewing - Pixyjack Press

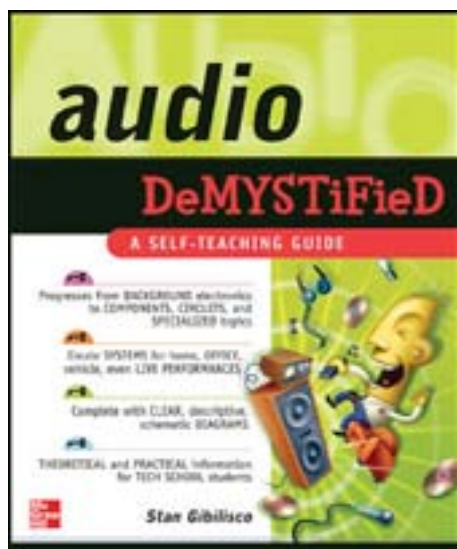
0595339298 - Powering Our Future: An Energy Sourcebook for Sustainable Living - Alternative Energy Institute - Universe

1403403228 - Alternative Energy Sources – Morgan - Heinemann

Audio Demystified

Stan Gibilisco

Imprint: STANDARD USE



Pub date: JAN-07

ISBN: 0071469834 - Previous: N/A

EAN: 9780071469838

Format: SOFT BACK

UK Price: 12.99 - Euro price: 17.50

SA\$ price: 19.95

Subject area: Electrical & Electronic

Pages: 384 - Illustrations: 150

Description

The fast and easy way to learn audio-frequency electronics

This new addition to the Demystified series offers practical, easy-to-understand information on the latest audio-frequency (AF) electronics technologies. You will learn basic electronics and mathematical concepts, followed by details on speakers, microphones, amplifiers, and equalizers. Specialized topics include computer recording, home and car audio system installation, amplifier design, and live sound reinforcement.

Key features

- Will appeal to students, teachers, hobbyists, musicians, music professionals, and broadcast technicians

Market

Audio and electronics students, electronics hobbyists, electronics technicians and engineers looking for a brush-up, lay people in broadcast or the performance industry, consumer electronics salespeople and management.

Table of contents

PART ONE: BACKGROUND ELECTRONICS

Test: Part One

PART TWO: COMPONENTS AND CIRCUITS

Test: Part Two

PART THREE: SPECIALIZED TOPICS

Test: Part Three

FINAL EXAM

APPENDIX A: ANSWERS TO QUIZ, TEST, AND EXAM QUESTIONS

APPENDIX B: SYMBOLS USED IN CIRCUIT DIAGRAMS

APPENDIX C: SUGGESTED ADDITIONAL READING AND REFERENCE

Author Biography

Stan Gibilisco is the "father" of the Demystified series. His titles include *Physics Demystified*, *Everyday Math Demystified*, *Electronics Demystified*, and *Meteorology Demystified*.

Competition

0793572932 - Audio Made Easy (How to be a Sound Engineer Without Really Trying), 3e 1/e – White - Hal Leonard

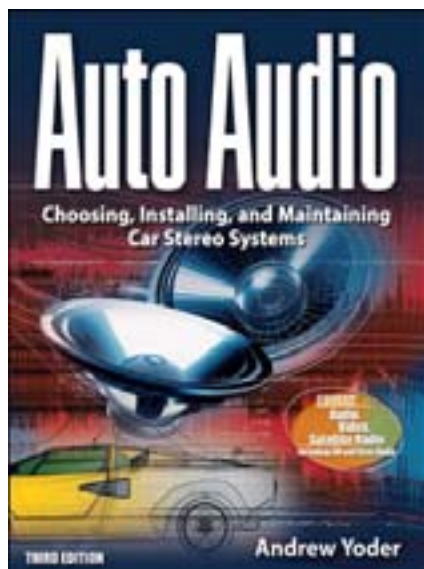
0130518891 - Modern Audio Technology: A Handbook for Technicians and Engineers 1/e – Clifford - Prentice Hall

0790611627 - Audio Systems Technology, Level 1 1/e – NCSA - Prompt

Auto Audio, 3/e

Andrew Yoder

Imprint: TAB



Pub date: JAN 07

ISBN: 0071477535 - Previous: 0071346899

EAN: 9780071477536

Format: SOFT BACK

UK Price: 20.99 - Euro price: 30.45

SA\$ price: 32.95

Subject area: Audio/Music

Pages: 384 - Illustrations: 200

Description

One of the best-selling car stereo books ever, this is the blockbuster guide to building and maintaining a complete auto audio system. Totally updated to reflect the latest technology, this fully illustrated reference can save you thousands of dollars by showing you how to select, buy, and install their system all by themselves.

Key features

New to this edition: Coverage of MP3 audio, mobile video, satellite radio, and more

Market: Novice and intermediate car stereo hobbyists and prospective buyers of new car equipment

Valuable advice on purchasing a system based on budget and specific needs

Teaches quick fixes to minor problems, saving readers repair fees

Author is one of the most popular writers in consumer electronics, having written past books for McGraw-Hill and articles for Popular Electronics,

Electronics Now, Radio, New Jersey Monthly, and Popular Communication

Andrew Yoder (Philadelphia, PA)

Market

True consumer, do-it-yourself, weekend warrior; electronic technicians; students

Table of contents

Introduction
Chapter 1. Choosing a system
Chapter 2. Equipment Buying (New vs. Used)
Chapter 3. Head units & More
Chapter 4. Sound Processing
Basics, Analog, digital signal equalizer
Parametric, Installing Equalizers
Chapter 5. Amplifiers
Various amplifier ratings and specifications
Chapter 6. Speakers
Speaker action, components, classification
Installing Speakers
Chapter 7. Speaker Enclosures
Enclosure materials, shapes, damping
Speaker enclosure designs and techniques
Chapter 8. Filters & Crossovers
Building, buying crossovers; 3-way systems
Resistance and L pads
Chapter 9. Fiberglass & More
Working with Plywood, MDF, Fiberglass
Building Speaker Enclosures, Baffles, Coats
Chapter 10. Auto video
Monitors and TVs, DVD units, TV boxes
Chapter 11. Wire & Cabling
Wire shapes and styles
FM transmitters for compact disc players
Soldering problems and dangers
Chapter 12. Installation
Chapter 13. Repairs & More
Safety procedures
Conclusion

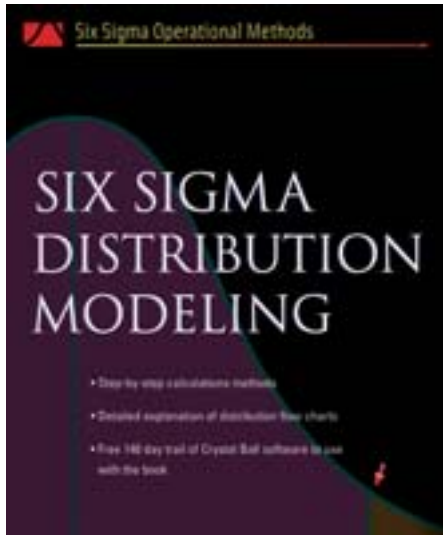
Author Biography

A McGraw-Hill author and former TAB Electronics Managing Editor, Andrew Yoder has authored over a dozen critically acclaimed books on radio, audio and electronics, including Auto Audio (1/e, 2/e), Home Audio, Pirate Radio Stations, Complete Shortwave Listener's Handbook and the TAB Electronics Yellow Pages. His articles have appeared in Electronics Now, Radio!, Popular Electronics, New Jersey Monthly, CB Radio, and Popular Communications.

Six Sigma Distribution Modeling

Andrew Sleeper

Imprint: STANDARD USE



Pub date: OCT-06

ISBN: 0071482784 - Previous: N/A

EAN: 9780071482783

Format: HARD BACK

UK Price: 56.99 - Euro price: 82.65

SA\$ price: 89.95

Subject area: Technical Management

Pages: 448 - Illustrations: 150

Description

This resource teaches you how to select and utilize advanced statistical data and modeling tools to achieve the most in-depth analysis possible. You'll be able to convert existing models into dynamic simulation tools, evaluate multiple strategies and outcomes in one simple process, determine and reduce risks in the planning stage, and graphically communicate information to your clients.

Key features

- Advise of Distribution Curve Selection
- Distribution Modeling techniques
- Step-by-step calculations methods
- Detailed Explanation of Distribution Flow Charts
- Evaluate multiple strategies and outcomes in one easy process
- Understand which inputs control the variability of your forecasts
- Determine and reduce your risks in the planning stage, prior to a costly implementation
- Graphically communicate information to clients, managers, or peers

Market

All professionals in Six Sigma, DFSS and Quality Improvement fields, including Green Belts, Black Belts, Master Black Belts, Design Engineers, Manufacturing Engineers, Quality Engineers, and Reliability Engineers. In general, anyone who needs to select and apply a statistical model without learning statistical theory will find this book a useful reference.

Table of contents

Six Sigma Distribution Modeling
Chapter 1. Terminology
Chapter 2. Selecting a Distribution Model
Chapter 3. Distribution Flow Charts
Chapter 4. Binomial distribution includes Bernoulli as a special case
Chapter 5. Chi-Square distribution also noncentral chi-square
Chapter 6. Exponential distribution
Chapter 7. Extreme value (Gumbel) distribution
Chapter 8. F distribution Also includes noncentral F
Chapter 9. Gamma distribution
Chapter 10. Geometric distribution
Chapter 11. Hypergeometric distribution
Chapter 12. Lognormal distribution
Chapter 13. Negative Binomial distribution includes Pascal as special case
Chapter 14. Normal distribution includes standard normal as a special case
Chapter 15. Poisson distribution
Chapter 16. Rayleigh distribution
Chapter 17. t distribution also includes noncentral t
Chapter 18. Triangular distribution
Chapter 19. Uniform distribution
Chapter 20. Weibull distribution
Chapter 21. References

Author Biography

Andrew Sleeper is a Master Black Belt and general manager of Successful Statistics, LLC. He is also an experienced instructor of statistical tools for engineers, having presented thousands of hours of training around the world.

Competition

0471203424 - Statistical Methods for Six Sigma: In R&D and Manufacturing - Joglekar - John Wiley & Sons

013117262X - Six Sigma for Green Belts and Champions: Foundations, DMAIC, Tools – Gitlow - Prentice Hall

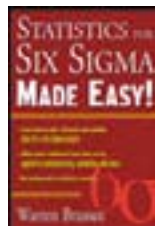
0873896483 - Applied Data Analysis for Process Improvement: A Practical Guide to Six Sigma Black Belt Statistics - Lamprecht and ASQ - Other Publisher

Backlist Titles Also Available

0071443290 - The Six Sigma Black Belt Handbook - McCarty et al

0071433856 - Statistics for Six Sigma Made Easy - Brussee

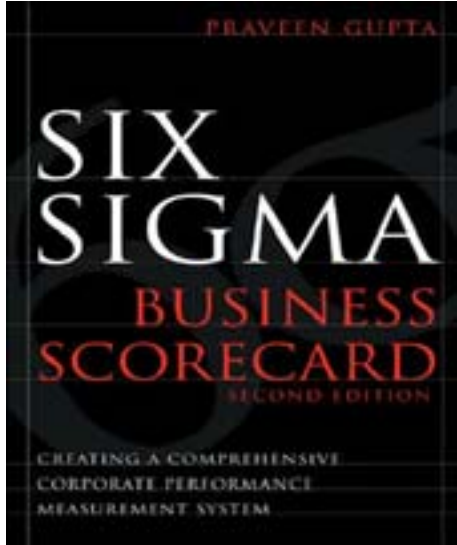
0071412085 - Design for Six Sigma - Yang-EI-Haik



Six Sigma Business Scorecard, 2/e

Praveen Gupta

Imprint: STANDARD USE



Pub date: DEC-06

ISBN: 0071479430 - Previous: 0071417303

EAN: 9780071479431

Format: HARD BACK

UK Price: 25.99 - Euro price: 37.70

SA\$ price: 39.95

Subject area: Technical Management

Pages: 325 - Illustrations: 75

Description

The Six Sigma Business Scorecard is designed to translate an organization's mission and business strategies into clear, quantitative performance metrics and operating objectives. Updated with important new scorecard material, this new second edition is the linchpin of an integrated, statistically rigorous Six Sigma program.

Key features

- New to this edition: The authors have added strategic planning, project execution, and innovation to the business scorecard

Market

Six Sigma Black Belts, industrial production managers, Lean Manufacturing project managers and Industrial Engineers

Table of contents

Six Sigma Business Scorecard, 2nd Edition
Chapter 1. Trends in Performance Measurements
Chapter 2. Six Sigma ' An Overview
Chapter 3. The Six Sigma Business Scorecard
Chapter 4. Planning for the SSBS
Chapter 5. Measures of Innovation
Chapter 6. Strategies for Execution
Chapter 7. Adapting SSBS to Small Businesses
Chapter 8. Monitoring Performance using the SSBS
Chapter 9. Performance Profitability and Standards
Chapter 10. Leadership for Performance

Chapter 11. Field Implementation

Chapter 12. Integrating the SSBS and Quality Management Systems

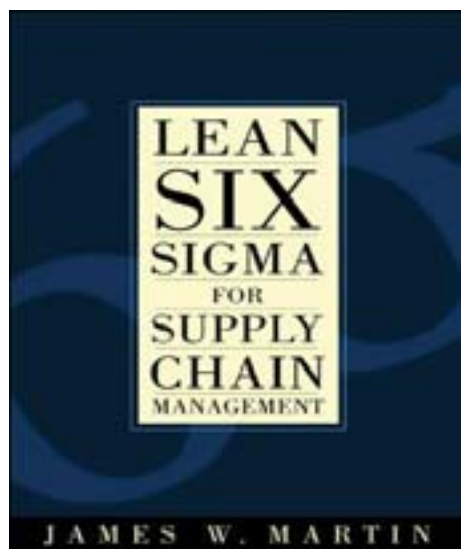
Author Biography

Praveen Gupta is a Master Black Belt, Six Sigma consultant and trainer at Quality Technology Company (www.qtcom.com). He is an ASQ Fellow, and has been associated with Six Sigma since 1986 at Motorola. Praveen has taught Six Sigma at Motorola University for more than 10 years. He has authored *Six Sigma Business Scorecard*, *The Six Sigma Performance Handbook*, *The Six Sigma Black Belt Handbook*, and *Six Sigma in Transactions and Service*.

Lean Six Sigma for Supply Chain Management

James Martin

Imprint: STANDARD USE



Pub date: DEC-06

ISBN: 0071479422 - Previous: N/A

EAN: 9780071479424

Format: HARD BACK

UK Price: 21.99 - Euro price: 31.90

SA\$ price: 34.95

Subject area: Technical Management

Pages: 352 - Illustrations: 190

Description

Written by a master black belt/educator and neatly condensed into a 10 step process, this book teaches business managers how to apply the tenets of lean operations (from the Toyota Production System) and six sigma management principles to supply chain management. The tools, methods and concepts presented in the book provide a concise Lean Six Sigma supply chain reference for champions, managers, black belts, green belts, lean experts as well as supply chain professionals. Jim Martin includes more than 200 tables and figures describing roadmaps, critical success characteristics as well as specific information necessary to fully integrate Lean Six Sigma concepts within your supply chain. It provides, in one place, concise information to major supply chain systems such as master production scheduling (MPS), materials requirements planning (MRPII), inventory systems, forecasting systems and logistics. Practical examples of Lean Six Sigma applications for supply chain management are provided throughout the book including a detailed discussion of strategies to improve asset utilization and reduce inventory investment.

Key features

- Specific information to develop inventory models
- Metrics for aligning objectives with strategic goals
- Concise overview of supply chain concepts
- Demonstrates show how lead time and demand impact customer service and inventory investment levels.

Market

Six Sigma Black belts, Industrial production managers, Operations research analysts, Lean Manufacturing Project Managers, Quality Control Managers, and Industrial engineers

Table of contents

Lean Six Sigma for Supply Chain Management

Chapter 1: Using Lean/ Six Sigma Methods to Identify and Manage Supply

Chapter 2: Deploying Lean Six Sigma Projects Using Lean Tools

Chapter 3: Demand Management Impact On Lean Six Sigma Projects

Chapter 4: Lead time impact on lean six sigma projects

Chapter 5: Lean/ Six Sigma Applications to MRP/II/ Material Requirements Planning

Chapter 6: Using Inventory Models to Identify Lean/ Six Sigma Projects

Chapter 7: Lean Six Sigma Supply Chains and 3rd Party Logistics

Chapter 8: Root Cause Analysis Using Six Sigma Tools (With Operations)

Chapter 9: Lean/ Six Sigma Improvement and Control

Chapter 10: Applying the 10-Step Improvement Process in Practice

Conclusion

Appendix I: 12 Key Metrics

Cash investment Profit and loss expense (P/L) Inventory turns On-time delivery

(supplier) Forecasting accuracy Lead time Unplanned orders Schedule changes

Overdue backlog Data accuracy Material availability Excess/ obsolete inventory

Appendix I: 12 Key Metrics

Glossary of Terms

Index

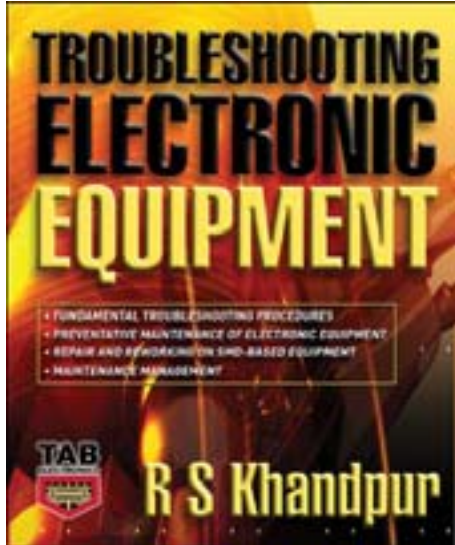
Author Biography

James William Martin has served as an instructor at the Providence College Graduate School of Business since 1988. He instructs courses in operations research, operations management and economic forecasting, as well as related quantitative subjects, and counsels MBA candidates from government organizations and leading corporations. As a six sigma consultant and master black belt for eight years. He has trained and mentored more than 1,000 black belts, executives, deployment champions, and green belts in six sigma methods including supply chain applications.

Troubleshooting Electronic Equipment

R. Khandpur

Imprint: TAB



Pub date: NOV-06

ISBN: 0071477314 - Previous: N/A

EAN: 9780071477314

Format: HARD BACK

UK Price: 31.99 - Euro price: 46.40

SA\$ price: 49.95

Subject area: Electrical & Electronic

Pages: 450 - Illustrations: 300

Description

Everything you need to maintain, troubleshoot, and repair all types of electronic equipment

From cell phones to medical instruments to digital and microprocessor based equipment, this hands-on, heavily illustrated guide clearly explains how to troubleshoot, maintain, and repair all types of electrical equipment. The author covers all the essentials such as necessary tools, soldering techniques, testing, fundamental procedures, and mechanical and electrical components.

Key features

From cell phones to medical instruments to digital and microprocessor- based equipment, this hands-on, heavily illustrated guide clearly explains how to troubleshoot, maintain, and repair all types of electrical equipment. The author covers all the essentials, such as necessary tools, soldering techniques, testing, fundamental procedures, and mechanical and electrical components.

- Market: Advanced electronic hobbyists, service technicians, and electronics engineers
- Extensively illustrated with 300 illustrations
- International appeal: details components and circuits found in electronics equipment around the world

Market

Electronics engineers, electronics service technicians, electronics students (particularly those in 2-year Vo-tech schools), teachers, electronics companies.

Table of contents

- Chapter 1. Reliability Aspects of Electronic Equipment
- Chapter 2. Fundamental Troubleshooting Procedures
- Chapter 3. Multimeters
- Chapter 4. Tools and Aids for Servicing and Maintenance
- Chapter 5. Soldering Techniques
- Chapter 6. Mechanical and Electro-mechanical Components
- Chapter 7. Passive Components and Their Testing
- Chapter 8. Testing of Semiconductor Devices
- Chapter 9. Linear Integrated Circuits
- Chapter 10. Troubleshooting Digital Circuits
- Chapter 11. Troubleshooting Microprocessor-based Systems
- Chapter 12. Rework and Repair of Surface Mount Assemblies
- Chapter 13. Typical Examples of Troubleshooting
- Chapter 14. Preventive Maintenance
- Chapter 15. Maintenance Management

Author Biography

R. S. Khandpur is currently Director General, Pushpa Gujral Science City, Kapurthala, Punjab. Prior to this, he was Director General, Centre for Electronics Design and Technology of India. He is the recipient of the 1989 Independence Day Award by National Research and Development Corporation and IETE (Institution of Electronics and Telecommunications Engineers) for outstanding contribution towards the development of the electronics industry. Khandpur is a member of the IEEE and the IETE, and the Society for Engineering in Medicine and Biology, a U.S. organization. He holds 6 patents of innovative designs, has authored 7 books and published over 60 research and review papers.

Competition

0826917801 - Troubleshooting Electrical/Electronic Systems, 2nd Ed - Mazur and Proctor - American Technical Publishers

0827348894 - Troubleshooting Electronic Devices – Goldberg - Delmar Publishers

0827350457 - Complete Guide to Electronics Troubleshooting – Perozzo - Delmar Publishers

Backlist Titles Also Available

0071423079 - Electronic Troubleshooting 3/e - Tomal-Widmer

0071421815 - Troubleshooting & Repairing Consumer Electronics Without a Schematic 3/e - Davidson

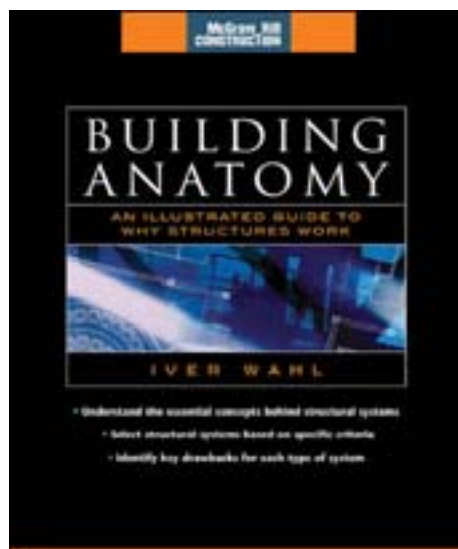
0071361723 - Programming and Customizing PICmicro (R) Microcontrollers 2/e - Predko



Building Anatomy

Iver Wahl

Imprint: STANDARD USE



Pub date: JAN-06

ISBN: 0071432132 - Previous: N/A

EAN: 9780071432139

Format: HARD BACK

UK Price: 37.99 - Euro price: 55.10

SA\$ price: 59.95

Subject area: Architecture

Pages: 288 - Illustrations: 150

Description

This resource gives you an understanding of the essential concepts behind structural systems, offering a unique visual approach to which system would work and which would not for a specific type of structure. Using this guide, you will be able to size and arrange the major components of a building, identify special structural concerns, anticipate probable failures, understand each system's behavior under stress, and more.

Key features

- Audience: architects, engineers, construction managers, and urban planners

Market

Architects, Engineers, Construction Managers, Urban Planners, Landscape Architects, Architectural and Engineering students. Architects, Engineers, and Construction

Table of contents

- Chapter 1: Process
- Chapter 2: Overview
- Chapter 3: Structural Failures
- Chapter 4: Loads
- Chapter 5: Lateral Support
- Chapter 6: Geology and Soils
- Chapter 7: Foundations
- Chapter 8: Cable Systems
- Chapter 9: Arches
- Chapter 10: Post and Beam
- Chapter 11: Rigid Frames

Chapter 12: Slab & Bearing Walls
Chapter 13: Trusses
Chapter 14: Space Frame
Chapter 15: Folded Plates
Chapter 16: Vaults
Chapter 17: Domes
Chapter 18: Shells
Chapter 19: Tents
Chapter 20: Pneumatics
Chapter 21: Structural Creativity
Chapter 22: Quality Assurance

Author Biography

Iver Wahl College of Architecture, University of Oklahoma

Competition

0471289965 - Shaping Structures – Zalewski - John Wiley & Sons

039331152X - Why Buildings Fall Down – Levy - W. W. Norton

0393306763 - Why Buildings Stand Up - Salvadori - W. W. Norton

Backlist Titles Also Available

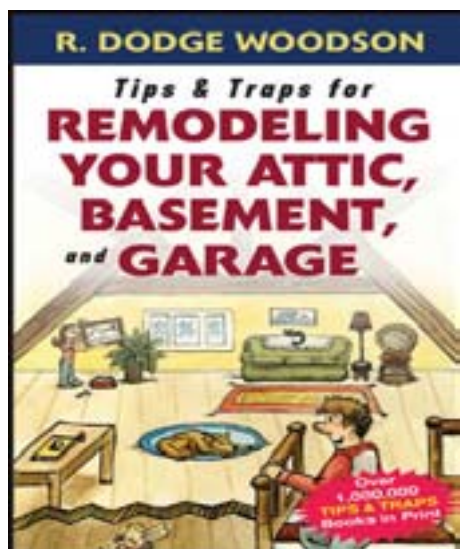
0070432538 - Understanding Structures – Moore



Tips & Traps for Remodeling Your Attic, Basement and Garage

Roger Woodson

Imprint: STANDARD USE



Pub date: DEC-06

ISBN: 0071475575 - Previous: N/A

EAN: 9780071475570

Format: SOFT BACK

UK Price: 10.99 - Euro price: 15.95

SA\$ price: 16.95

Subject area: Home Maintenance

Pages: 224 - Illustrations: 100

Description

Add value, square footage, and usable living space to your home - without the expense and difficulties of room additions

In this comprehensive, well-illustrated guide, an industry expert shows you how to get the most for their money and avoid costly mistakes while converting your attic, basement, or garage into useful living space. You will find time-saving and efficiency-ensuring tips and traps about every phase of the process.

Key features

- Market: Homeowners, general contractors, and real estate professionals
- Unique in that it is the only book currently available that delivers 'hard' construction information about the conversion process
- Covers all the essentials: Roofing, windows, doors, stairways, plumbing, electrical, HVAC, insulation and drywall, doors, cabinets, trim, floor covering, fixtures, and painting and staining
- Complete with hard-to-find forms and checklists to ensure that no stage of the process is overlooked or only partially done
- R. Dodge Woodson (Brunswick, ME)

Market

Homeowners; handymen, general contractors, real estate professionals. Millions of pounds are spent each year on home improvement projects. With the real estate being one of the strongest sectors in the economy, homeowners are electing to spend their time and money on improving their homes. While there are other books that offer design ideas, this is the only book that provides hard construction information about converting attics, basements and garages into livable space.

Table of contents

Introduction

Chapter 1. Which Home Improvement is Best for Your Home?

Chapter 2. Assessing Present Conditions

Chapter 3. Planning Your Project

Chapter 4. Working with Contractors

Chapter 5. Working with Existing Space

Chapter 6. Raising Your Roof

Chapter 7. Framing Floors, Walls, Ceilings and Partitions

Chapter 8. Windows, Skylights, and Doors

Chapter 9. Stairways

Chapter 10. Dormer Additions

Chapter 11. Exterior Siding, Alterations and Trim

Chapter 12. Plumbing

Chapter 13. Electrical

Chapter 14. HVAC

Chapter 15. Insulation and Drywall

Chapter 16. Interior Doors, Cabinets and Trim

Chapter 17. Priming, Painting and Staining

Chapter 18. Floor Coverings

Chapter 19. Setting Fixtures

Chapter 20. The Final Touches

Appendix A: Forms for Contractors and Construction Matters

Author Biography

R. Dodge Woodson has been involved in the building trades for 30 years and has been a self-employed contractor for 25 years. He is the owner of The Masters Group, Inc., a general contracting, remodeling, and plumbing firm in Maine. Woodson has written dozens of books on the industry for both consumers and professionals

Competition

1580110312 - Remodeling Basements, Attics and Garages - Cornell - Creative Publishing International

0865735832 - Finishing Basements and Attics – CPI - Creative Publishing International

Backlist Titles Also Available

0071450432 - Tips & Traps for Bathroom Remodeling - Woodson

0071445862 - Tips & Traps for Remodeling Your Kitchen - Woodson

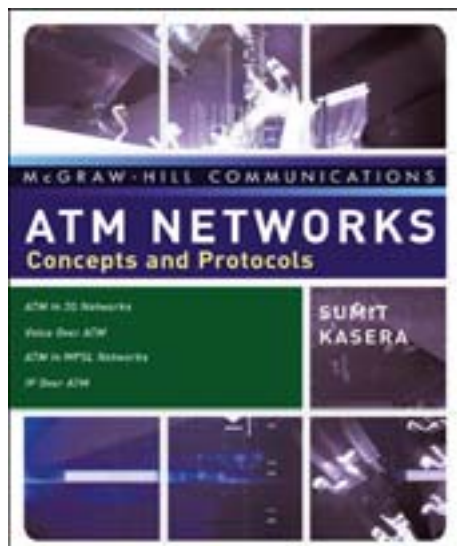
0071445846 - Tips & Traps for Hiring a Contractor – Woodson



ATM Networks: Concepts and Protocols

Sumit Kasera

Imprint: STANDARD USE



Pub date: NOV-06

ISBN: 0071477322 - Previous: N/A

EAN: 9780071477321

Format: HARD BACK

UK Price: 50.99 - Euro price: 73.95

SA\$ price: 79.95

Subject area: Communications

Pages: 400 - Illustrations: 100

Description

ATM (Asynchronous Transfer Mode) is a breakthrough networking technology. It provides a single platform for voice, video and data, driving network convergence, all with very high quality of service. This book provides a comprehensive, engineering-level introduction to ATM networks. It explores fundamental concepts in detail, explains and illustrates the 3 levels of the ATM protocol reference model, details the process of internetworking with LANs and WANs, as well as IP, and covers all major ATM applications.

Key features

- A detailed unpacking of the ATM protocol
- A clear explanation of ATM internetworking operations
- Expert coverage of all major ATM applications, including ATM in 3G networks, voice over ATM, ATM in MPLS networks, IP over ATM, and ATM and DSL networks

Market

Communications engineers and technicians; network managers; students

Table of contents

To Follow

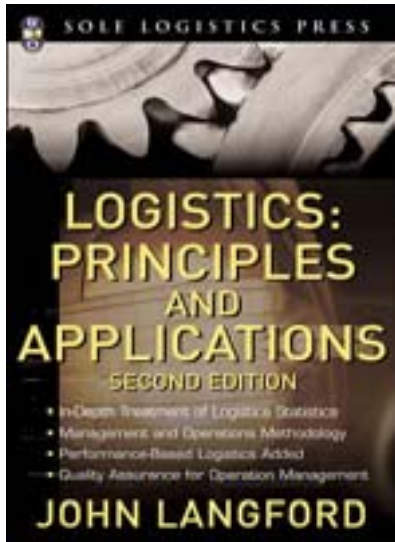
Author Biography

Sumit Kasera is Senior Technical Leader at Flextronics Software Systems (formerly Hughes Software Systems) in India. He is an active participant in the ITU-T, ATM, and 3GPP technical forums, and regularly teaches seminars at these events.

Principles of Logistics

John Langford

Imprint: STANDARD USE



Pub date: DEC-06

ISBN: 007147224X - Previous: 007036415X

EAN: 9780071472241

Format: HARD BACK

UK Price: 56.99 - Euro price: 82.65

SA\$ price: 89.95

Subject area: Industrial/Manufacturing

Pages: 570 - Illustrations: 200

Description

A detailed roadmap for world-class new product development and delivery

This updated guide offers a complete blueprint for logistics excellence, covering design and production, product reliability, maintainability, quality assurance, supply chain techniques, and more. This new edition features new material on performance-based systems engineering and its impact on life cycle logistics.

Key features

- Incorporates SI units along with corresponding U.S. Customary System units
- Valuable for anyone preparing for the Certified Professional Logician exam
- Useful to both the military and commercial sectors

Market

Logistics and logistics management and support are mandatory requirements on virtually all-military acquisition programs worldwide. It is also used in the commercial sectors of aviation, automotive, shipping, petroleum and transportation where systems have a warranty, service agreement or financial liability after delivery

A desk reference and classroom text in both military and commercial sectors. Logistics is an international topic gaining more interest globally for project systems development and management. Systems engineers, mechanical engineers, those involved with new product development, industrial and

manufacturing engineers and logistics engineers and those with general business background.

Table of contents

Part 1: Logistics Systems Engineering

Part 2: Acquisition and Production

Part 3: Logistics Systems Management and Operations

Author Biography

John Langford is a Consulting Engineer, Logistics Technology, and has provided logistics, systems engineering, and configuration management support for major DOD weapon system programs. In addition to his U.S. and international technical training and educational achievements, he is recognized as a Certified Professional Logistician (CPL), Certified Configuration Manager (CCM), recipient of the SOLE Eccles Medal , SOLE Armitage Medal recipient, and published author for numerous and books on logistics and supportability engineering.

Automation of Wastewater Treatment Facilities - MOP 21

Water Environment Federation
Imprint: STANDARD USE



Pub date: NOV-06
ISBN: 0071479376 - Previous: N/A
EAN: 9780071479370
Format: HARD BACK
UK Price: 78.99 - Euro price: 114.55
SA\$ price: 125.00
Subject area: Environmental Engineering
Pages: 520 - Illustrations: 120

Description

The expert coverage you need to design automated wastewater systems

Especially written for design professionals, Automation of Wastewater Treatment Facilities discusses the selection of instruments, installation, sizing of control elements, and the best choice for controllers and computers for automated wastewater plants.

Key features

- A follow-up to WEF's earlier Wastewater Treatment Facilities MOP-21 - updated to cover digital electronics, new technologies, and the more competitive marketplace
- Audience: municipal utilities, plant operation staff, plant supervisors, industrial wastewater plants, consulting engineers

Market

Municipal Utilities (public and private domestic), Plant operations staff, Plant superintendents, Industrial wastewater treatment plants, Plant operations staff, Consultant Engineers and Consulting Companies, College/Universities with Civil/Environmental Engineering programs, Instrumentation Testing Association (ITA) members

Table of contents

Chapter 1: Introduction
Chapter 2: The Business Case for Automation
Chapter 3: What is a Complete Automation Design
Chapter 4: Process and Implementation Diagrams (P&IDs)

- Chapter 5: General Characteristics of Instrumentation
- Chapter 6: Sensing Instrumentation
- Chapter 7: Final Control Elements
- Chapter 8: Control Panels or Stations
- Chapter 9: Signal Transmission and Data Communication
- Chapter 10: Automatic Process Control
- Chapter 11: Functionality of a Process Control System
- Chapter 12: Tools for Looking at Data
- Chapter 13: Conveying Control Strategies
- Chapter 14: Advanced Control Strategies for WW Treatment
- Chapter 15: Specifications for Instrumentation Including CSI Division Standards

Author Biography

Water Environment Association (WEF) (Alexandria, VA) Committee on Wastewater Treatment Plants Automation.

Competition

0873711262 - Instrumentation Handbook for Water & Wastewater Treatment Plants – Skrentner - Lewis Publishers, Inc.

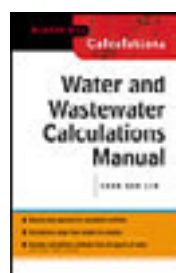
1900222159 - Wastewater Treatment Systems: Modeling, Diagnosis and Control - Olsson & International Water Association (IWA) - Other Publisher

1572782056 - Sensing and Control Systems: A Review of Municipal and Industrial Experiences - Hill et al - Water Environment Resources Foundation

Backlist Titles Also Available

0070418780 - Wastewater Engineering: Treatment and Reuse 4/e - Metcalf & Eddy, Inc. et al

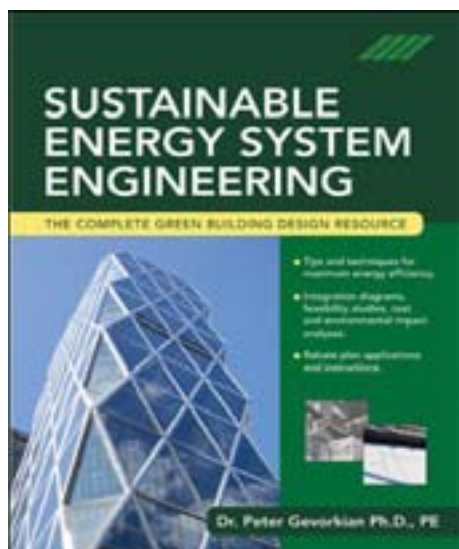
0071371958 - Water and Wastewater Calculations Manual - Lin-Lee



Sustainable Energy Systems Engineering: The Complete Green Building Design Resource

Peter Gevorkian

Imprint: STANDARD USE



Pub date: DEC-06

ISBN: 0071473599 - Previous: N/A

EAN: 9780071473590

Format: HARD BACK

UK Price: 62.99 - Euro price: 91.35

SA\$ price: 99.95

Subject area: Architecture

Pages: 456 - Illustrations: 200

Description

The only complete design resource for sustainable energy systems geared towards engineers

This highly visual resource goes beyond theory and provides solid, hands-on mechanical and electrical engineering information on the design and installation of sustainable energy systems. You will find everything you need -- including real-world case studies -- to develop the most energy efficient systems possible for a wide variety of projects.

Key features

- Preliminary technical and financial feasibility studies
- System component selection and integration
- Power demand calculations
- Voltage drop calculations
- Short circuit analysis
- Service grid connectivity coordination
- Visual, practical approach to provide at-a-glance information
- Charts, tables and diagrams that clearly illustrate each concept
- Highlights Section 690 of the NEC ζ - the basis of all solar power system design

Market

Electrical engineers, construction managers, construction and building inspectors

Table of contents

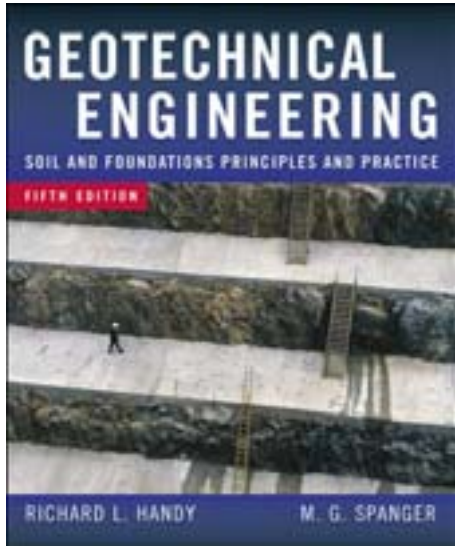
- Chapter 1. Solar Power Technologies and Applications
- Chapter 2. Section 690 of the National Electrical Code
- Chapter 3. Fuel Cell Technology and Applications
- Chapter 4. Microturbine Technology Principles and Applications
- Chapter 5. Direct Solar Power Heat Recovery Technology and Applications
- Chapter 6. Direct Passive Solar Water Heating Technology Principles and Applications
- Chapter 7. Wind Energy Technology Principles and Applications
- Appendix A: Photo Gallery of Projects
- Appendix B: Design Reference Charts
- Appendix C: National Rebate Plan Applications
- Appendix D: Manufacturers and Consulting Engineers (Domestic & International)

Author Biography

Dr. Peter Gevorkian, PhD is President of Vector Delta Design Group, Inc., an electrical engineering and solar power design consulting organization, specializing in industrial, commercial and residential projects. In the past several years, the company extended its expertise in the field of renewable energy sources such as solar power, fuel cells and micro-turbine cogeneration. Since 1971, Dr. Gevorkian has been an active member of the Canadian and California Board of Professional Engineers. He has taught computer science, automation control, and has authored several technical papers.

Geotechnical Engineering: Principles and Practice, 5/e

Richard Handy, Merlin Spangler
Imprint: STANDARD USE



Pub date: NOV-06
ISBN: 0071481206 - Previous:
EAN: 9780071481205
Format: HARD BACK
UK Price: 78.99 - Euro price: 114.55
SA\$ price: 125.00
Subject area: Environmental Engineering
Pages: 832 - Illustrations: 420

Description

This is a complete revision and reorganization of one of the field's most popular textbooks, *Soil Engineering*, updated to include the latest soil testing methodologies, mechanical engineering topics, and technologies.

Key features

- Updated classic information on Conduits not covered in other books
- Unique background information on geological, pedological, and mineralogical aspects of soils
- New information on intermediate foundations including a fast growing new method called Geopier not included in any other book.
- In-situ soil testing methods including innovative devices manufactured by Handy Geotechnical Instruments
- New chapter on Mechanically Stabilized Earth (MSE)
- Additional geotechnical engineering topics as needed for text and professional development

Market

Geotechnical engineers; civil engineers; civil engineering students.

Table of contents

Igneous Rocks as Ultimate Sources for Soils
The Soil Profile
Soil Minerals
Particle Size and Gradation
Soil Fabric and Soil Structure
Soil Density and Unit Weight

Soil Water
Soil Consistency and Engineering Classification
Compaction
Seepage
Stress Distribution
Settlement
Shear Strength
Lateral Stress and Retaining Walls
MSE Walls and Soil Nailing
Slope Stability, Landslides, Embankments and Earth Dams
Bearing Capacity of Shallow Foundations
Deep Foundations
Intermediate Foundations
Loads on Pipes
In-Situ Testing
Introduction to Soil Dynamics
The Geotechnical Report

Author Biography

Richard L. Handy, Ph. D., is Distinguished Professor Emeritus of Civil Engineering and Construction Engineering at Iowa State University. He is also the founder of Handy Geotechnical Instruments, a company that manufactures innovative soil testing devices. Dr. Handy is the author of *The Day the House Fell* and co-author of the Third and Fourth Editions of *Soil Engineering*.

M.G. Spangler was a Research Professor at Iowa State University and is well-known internationally as the author of the Marston-Spangler theory for loads on underground conduits. He also conducted seminal research on pressures on retaining walls and many other topics. He was a recipient of the Marston Medal at Iowa State University and was an Honorary Member of ASCE.

Competition

0135763800 - *Geotechnical Engineering: Principles and Practice 1-Coduto, D.P.*

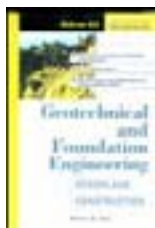
0534407528 - *Principles of Geotechnical Engineering 5/e - Das - Thomson*

047125231X - *Soil Mechanics and Foundations - Muniram Budhu - John Wiley & Sons*

Backlist Titles Also Available

0071341382 - *Geotechnical and Foundation Engineering: Design and Construction - Day*

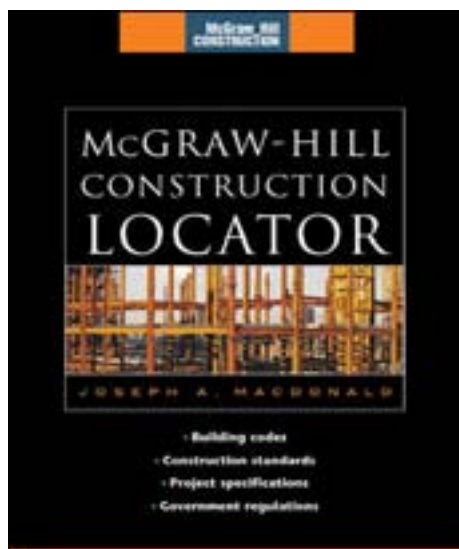
0071379320 - *Design of Wood Structures ASD 5ed - Breyer et al*



McGraw-Hill Construction Locator

Joseph MacDonald

Imprint: STANDARD USE



Pub date: DEC-06
ISBN: 0071475303 - Previous: N/A
EAN: 9780071475303
Format: HARD BACK
UK Price: 56.99 - Euro price: 82.65
SA\$ price: 89.95
Subject area: Construction
Pages: 600

Description

Quickly and easily locate the specific building codes, construction standards, and government regulations affecting each building project

This job-speeding resource provides a brief synopsis of the codes and documents, along with the identification and section number for the exact code, standard, or regulation affecting a construction project. You'll also find contact information for 500 professional societies, technical associations, and government agencies who develop these standards.

Key features

- McGraw-Hill Construction books are vital resources for building professionals, emphasizing on-the-job practicality with a focus on how to save time and money while increasing quality.
- An invaluable, time-saving locator to help architects, engineers and construction managers find the complicated code requirements and laws affecting each building project.
- Includes a brief synopsis of the codes and documents, along with ID and section numbers to quickly locate exactly the right information.
- Provides the contact information for nearly 500 professional societies, technical associations, industry organizations, and government agencies.

Market

Architects, engineers, construction managers, building inspectors, facility managers, materials specifiers, project estimators, construction lawyers, government officials.

Table of contents

Introduction

SECTION I: DOCUMENT IDENTIFICATION

SECTION II: BUILDING CODES

SECTION III: CONSTRUCTION STANDARDS

SECTION IV: PROJECT SPECIFICATIONS

SECTION V: GOVERNMENT REGULATIONS

SECTION VI: MISCELLANEOUS RESTRICTIONS

Author Biography

Joseph A. MacDonald has more than 40 years of editorial experience including 18 years with *Engineering News Record*, *Perspectives*, and *Private Power Executive* magazines. He was Editor-in-Chief of the *Encyclopedia of U.S. Building and Construction Technology*, co-editor for *Handbook of Rigging and Scaffolding*, and the *Directory of Worldwide Engineering & Construction Organizations*. His early career included a tour of duty with a USN Mobile Construction Battalion as Project Engineer, and positions as Construction Field Engineer for a number of engineering firms in New York, Massachusetts, and California.

Managing a Construction Firm on Just 24 Hours a Day

Matt Stevens

Imprint: STANDARD USE



Pub date: DEC-06

ISBN: 0071479155 - Previous: N/A

EAN: 9780071479158

Format: SOFT BACK

UK Price: 18.99 - Euro price: 27.55

SA\$ price: 29.95

Subject area: Construction

Pages: 336 - Illustrations: 100

Description

This detailed overview of the construction contracting business delivers an invaluable collection of best practices, forms, templates, and checklists designed to reduce risks and increase profits. Contractors will learn everything they need to know about the make-or-break areas of estimating, pricing, bidding, project management and financial management.

Key features

- 130+ best practices for reducing risks and increasing profits.
- 25+ forms, templates and checklists in key areas of the contracting business
- 100+ illustrations and examples that capture key insights
- Author has a weekly newsletter, website (www.stevensci.com), and online digest (www.contractorsblog.com), and writes a column for Contractor magazine. He has been booked for more than 70 seminars for 2006

Market

Contractors and construction managers and architects

Table of contents

Foreword

Chapter 1. The Business of Contracting

Chapter 2. The Acquire Work Process

Chapter 3. The Build Work Process

Chapter 4. The Keep Track Process

Chapter 5. People

Chapter 6. Best Practices

Chapter 7. Your Last Management Act

Chapter 8. Conclusions
Appendix A: Forms

Author Biography

Matt Stevens (Winter Park, FL) is a management consultant with more than 25 years of experience in all areas of construction, from field supervision to project management and administration. He is President of Stevens Construction Institute, Inc., a consulting firm that focuses on field productivity, project management, pricing/bidding strategy, estimating and financial management for construction firms. Mr. Stevens has conducted more than 300 seminars, and has worked with dozens of clients across the United States.

Competition

093404113X - Handbook of Construction Contracting: Estimating, Bidding, Scheduling, Vol 2 - Jack Jones - Craftsman Book Co.

1561585300 - Running a Successful Contracting Company – Gerstel - Taunton Press

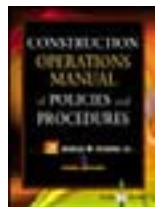
1561584118 - Smart Business Guide for Contractors: A Guide to Money and the Law – Kramon - Taunton Press

Backlist Titles Also Available

0071441743 - Be a Successful Building Contractor 3ed - Woodson

0071441727 - Building Contractor's Checklists and Forms - Levy

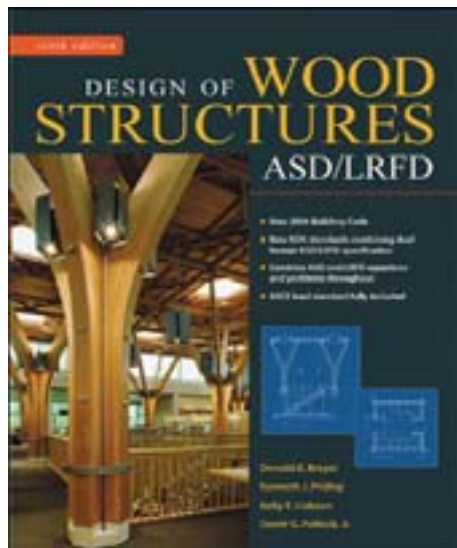
0071354956 - Construction Operations Manual of Policies and Procedures 3ed - Civitello



Design of Wood Structures-ASD/LRFD, 6/e

Donald Breyer, Kenneth Fridley, David Pollock, Jr., Kelly Cobeen

Imprint: STANDARD USE



Pub date: DEC-06

ISBN: 0071455396 - Previous: 0071379320

EAN: 9780071455398

Format: HARD BACK

UK Price: 62.99 - Euro price: 91.35

SA\$ price: 99.95

Subject area: Civil Engineering

Pages: 1025 - Illustrations: 600

Description

The leading text and reference on wood design, updated to include the latest codes and data

Continued the sterling standard set by earlier editions, this indispensable reference leads you through the complete design of a wood structure (except for the foundation), following the same sequence used in the actual design/construction process.

Key features

- Conforms to the 2006 IBC
- Addresses new 2005 NDS provisions, and combines dual-format ASD/LRFD specification, equations, and problems throughout
- Includes ASCE 7-05 load standard provisions
-

Market

Civil Engineers and architects and students

Table of contents

Wood Buildings and Design Criteria
Design Loads
Properties of Wood and Lumber Grades
Structural Glued Laminated Timber
Beam Design
Axial Forces and Combined Bending and Axial Forces
Wood Structural Panels
Horizontal Diaphragms
Shearwalls

Wood Connections ' Background
Nailed and Stapled Connections
Bolts, Lag Bolts, and other Connectors
Connection Hardware
Diaphragm-to-Shearwall Anchorage
Advanced Topics in Lateral Force Design
Appendices

Author Biography

Donald E. Breyer is a Professor of Engineering Technology and Civil Engineering at California Polytechnic University in Pomona California. He actively serves as a member of the NDS Committee of the American Forest and Paper Association and LRFD Engineered Wood Committee.

Kenneth J. Fridley is Head of Department of Civil and Environmental Engineering, The University of Alabama, Tuscaloosa, AL. Nevada,

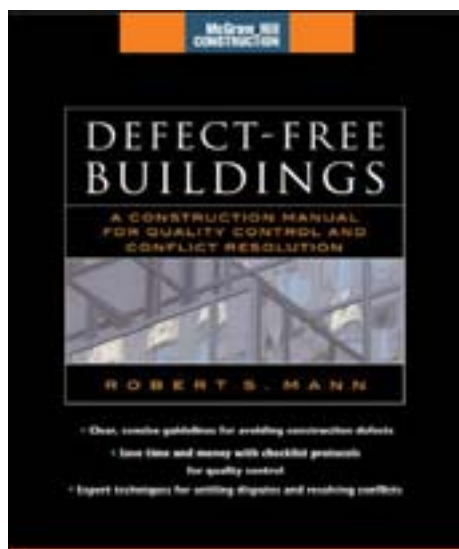
Kelly E. Cobeen operates her own Structural Engineering firm in San Francisco, California.

David G. Pollock, Jr. is with the Department of Civil and Environmental Engineering, Washington State University, Pullman Washington.

Defect-Free Buildings: A Construction Manual for Quality Control and Conflict Resolution

Robert Mann

Imprint: STANDARD USE



Pub date: DEC-06

ISBN: 0071479597 - Previous: N/A

EAN: 9780071479592

Format: HARD BACK

UK Price: 50.99 - Euro price: 73.95

SA\$ price: 79.95

Subject area: Construction

Pages: 384 - Illustrations: 100

Description

Construction defects are an enormous problem for the building industry, costing billions in litigation, arbitration and repair, driving contractors and insurance carriers out of the business. Unnecessary disputes drive up the cost of construction and delay the completion of projects.

Key features

- Complete resource packed with easy-to-understand guidelines
- Techniques, protocols and checklists for avoiding construction defects and disputes and for resolving conflicts effectively

Market

Contractors and construction managers, architects, civil engineers, construction and building inspectors, property and real estate managers, real estate developers and attorneys

Table of contents

Introduction

Chapter 1. A Construction Primer for Owners

Chapter 2. The Construction Contract

Chapter 3. Why Do Contractors Get Sued?

Chapter 4. Background of Construction Defect Claims

Chapter 5. Common Construction Defects

Chapter 6. Using Plans and Specifications to Protect Yourself from Claims ' Anti Construction Defect Contract Provisions

Chapter 7. Document Control

Chapter 8. Managing Conflicts During Construction

Chapter 9. Cost Saving Techniques
Chapter 10. There's a Lawsuit ' Now What?
Chapter 11. Conclusion
Appendices
Glossary

Author Biography

Robert Mann - The Mann Law Firm, APLC

Competition

1928580165 - JLC Field Guide to Residential Construction - Hanley-Wood -
Hanley-Wood

0735549109 - Handling Construction Defect Claims: Western States – Miller -
Aspen Publishers

0471356409 - Construction Principles, Materials and Methods, 7th Ed – Simmons
- John Wiley & Sons

039331152X - Why Buildings Fall Down – Levy -W. W. Norton

Backlist Titles Also Available

0071354956 - Construction Operations Manual of Policies and Procedures 3ed -
Civitello

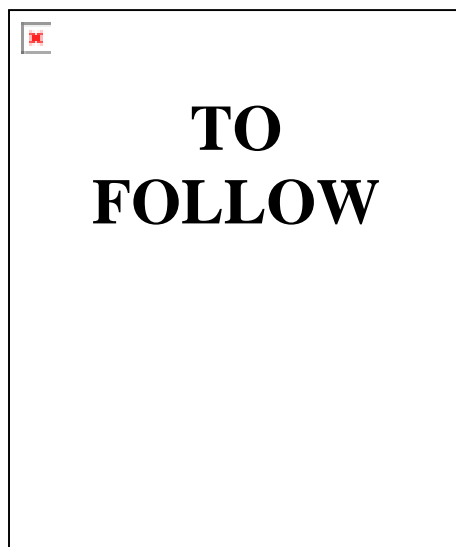
0071379320 - Design of Wood Structures ASD 5ed - Breyer et al



Water Reuse

Metcalf & Eddy, Inc. An AECOM Company

Imprint: STANDARD USE



Pub date: JAN-07
ISBN: 0071459278 - Previous: N/A
EAN: 9780071459273
Format: HARD BACK
UK Price: 84.99 - Euro price: 123.25
SA\$ price: 135.00
Subject area: Environmental Engineering
Pages: 800 - Illustrations: 400

Description

In-depth coverage of the theory and application of water reuse

Written by a team of world-renowned experts commissioned by Metcalf & Eddy, Water Reuse covers every essential aspect of the subject, including: reclamation, recycling, and reuse. This is the only book on the market to treat water reuse in an integrated, comprehensive, and educational format.

Key features

- Presents the latest issues and developments in public health and environmental protection and risk management and state-of-the-art treatment technology design
- Water reuse has emerged as the leading method of stretching and preserving the Earth's finite water resources

Market

Market: Water/waste water utilities, drought management officials, public officials, engineers, scientists, and technicians

Table of contents

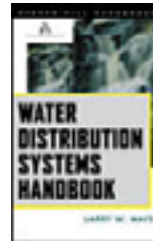
To Follow

Backlist Titles Also Available

0070014132 – Water Quality Control Handbook – Alley

0070016593 – Water Quality and Treatment: A Handbook of Community Water Supplies – AWWA

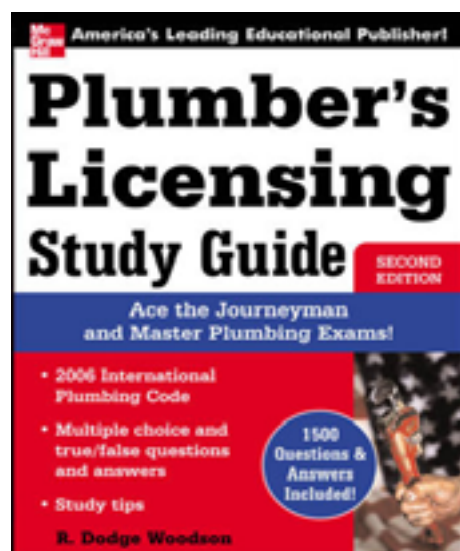
0071342133 – Water Distribution System Handbooks



Plumber's Licensing Study Guide, 2/e

R. Woodson

Imprint: STANDARD USE



Pub date: NOV-06

ISBN: 0071479392 - Previous: 0071377859

EAN: 9780071479394

Format: SOFT BACK

UK Price: 25.99 - Euro price: 37.70

SA\$ price: 39.95

Subject area: Construction/Contracting

Pages: 544 - Illustrations: 300

Description

Packed with everything you need to know in order to pass the first time, including coverage of the 2006 International Plumbing Codes, over 300 visual references to show you how to use the illustrations found in your local codebook to solve exam questions, and much, much more. A necessity for apprentices wishing to become journeyman plumbers and journeyman plumbers who wish to become master plumbers, this powerful, one-of-a-kind study tool builds your confidence, skills, and knowledge.

Key features

- Covers code definitions, general regulations, storm drainage and more
- Over 300 visual references
- Includes study tips, conversion tables and troubleshooting pointers

Market

Plumbers

Table of contents

Introduction
Abbreviations
Code Definition
General Regulations
Regulations, Permits and Code Enforcement
Fixtures
Water Heaters
Approved Materials

Water Supply and Distribution
Joints and Connections
Vents and Venting
Sanitary Drainage Systems
Drainage Cleanout Requirements
Supports and Hangers
Traps, Interceptors, and Separators
Storm Drainage
Special Piping Systems
Reference Standards
Rainfall Rate
Recycling Gray Water
Mathematics
Degree Days
Trailer Parks
Manufactured Homes and Parks
Health Care Plumbing
Testing and Inspecting
Study Tips
Trouble Shooting
Safety Pointers
Facts, Figures, Calculations and Conversions

Author Biography

Dodge Woodson A Master Plumber and a Master Gasfitter with over 25 years in the plumbing business. R. Dodge Woodson (Brunswick, Maine) has owned and operated plumbing and construction companies in Virginia and Maine and served as Adjunct faculty for the Central Maine Technical College where he taught code classes and apprenticeship classes. He has numerous books in print.

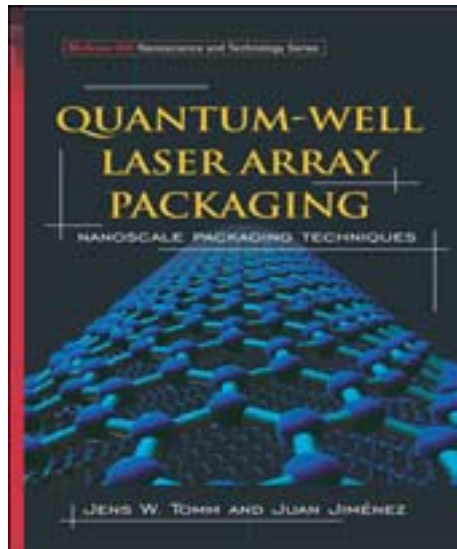
Competition

0934041040 – Plumber's Exam Preparation Guide – Massey - Craftsman Book Co.

Quantum-Well Laser Array Packaging

Jens Tomm , Juan Jiménez

Imprint: STANDARD USE



Pub date: NOV-06

ISBN: 0071460322 - Previous: N/A

EAN: 9780071460323

Format: HARD BACK

UK Price: 95.00 - Euro price: 133.00

SA\$ price: 165.00

Subject area: Mechanical Engineering

Pages: 400 - Illustrations: 75

Description

The very latest nanoscale packaging techniques needed to keep quantum-well lasers functioning

In this book the authors address the nanoscale packaging issue by providing you with state-of-the-art screening and packaging techniques not found in any other resource.

Key features

- Get a complete overview of quantum-well laser diode array degradation
- Examine innovative methods of strain measurement
- Learn new imaging techniques for laser facet inspection
- Explore promising directions in screening and failure prediction
- Discover improved packaging techniques for reducing external stresses
- Review current research on degradation modes and related defects in high-power laser bars

Market

Mechanical Engineers, Electrical Engineers, Biomedical Engineers and Nanotechnologists

Table of contents

Chapter 1: Overview on Quantum-Well Laser Diode Degradation

Chapter 2: Strain Measurement

Chapter 3: Laser Facet Inspection by Imaging Techniques

Chapter 4: Screening and Failure Prediction

Chapter 5: Reduction of External Stresses by Improved Packaging Techniques
Chapter 6: Degradation Modes and Related Defects in High-Power Laser Bars

Author Biography

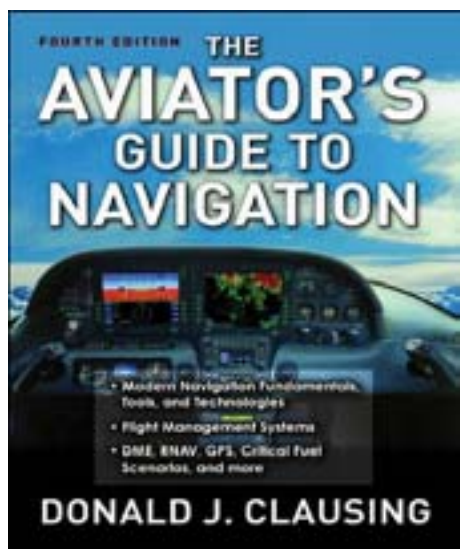
Jens W. Tomm (Berlin, Germany) is currently on the scientific staff of the Max-Born-Institut für Nichtlineare Optik und Kurzzeitspektroskopie where he serves as project leader. His work is focused on spectroscopic aging analysis of high-powered diode lasers, optical spectroscopy in such optoelectronic devices as high-powered semiconductor lasers, thermal analysis of optoelectronic devices by means of Raman-spectroscopy and Microthermography, device-related near-field scanning optical microscopy (NSOM) and Fourier-Transform (FT) spectroscopy, transient photoluminescence spectroscopy in III-V semiconductors/structures, and optoelectronic device development, and IR-LEDs for the 3-5 μm spectral range.

Juan Jiménez (Valladolid, Spain) is a Full Professor at the University of Valladolid, R&D where as group leader, he researches optical characterization of semiconductors and devices using microscopic techniques. His research has been carried out in the frame of different academic and industrial projects around the world and funded by such institutions as the Spanish government, **European Union, EOARD (European Office for Aerospace Research and Development)**, Alcatel Optronics, and Avanex among others.

The Aviator's Guide to Navigation, 4/e

Donald Clausing

Imprint: AVIATION



Pub date: 01-DEC-06

ISBN: 0071477209 - Previous: 0070117926

EAN: 9780071477208

Format: SOFT BACK

UK Price: 23.99 - Euro price: 34.80

SA\$ price: 36.95

Subject area: Aviation

Pages: 320 - Illustrations: 50

Description

The Aviator's Guide to Navigation has been the aviator's navigation bible for nearly 20 years. Here, in a thoroughly revised new edition, is a complete tutorial on modern navigation systems. This book explains the many systems of air navigation, from the basics of dead reckoning to the most advanced "glass cockpit" EFIS systems. Technology has greatly changed aviation practices have changed tremendously in the past ten years: some systems have disappeared, some are less important, and key new technologies have emerged. The Aviator's Guide to Navigation covers them all, clearly enough for the advanced student pilot, and with enough depth for the professional.

Key features

- New chapters on GPS Navigation and Flight Management Systems
- New coverage of Distance Measuring Equipment
- Area Navigation and Critical Fuel Scenarios

Market

Private pilots, Aviation students (the current edition is used a textbook at college level flight schools). Course title are variants of Aviation Navigation.

Table of contents

- Chapter 1. Pilotage and Dead Reckoning
- Chapter 2. VOR Navigation Fundamentals
- Chapter 3. Distance Measuring Equipment
- Chapter 4. VOR/DME Navigation
- Chapter 5. VOR/DME Area Navigation
- Chapter 6. NDB Navigation
- Chapter 7. Ground-Based Radar Navigation

- Chapter 8. Instrument Approaches
- Chapter 9. Principles of Global Navigation
- Chapter 10. Loran-C
- Chapter 11. Inertial Navigation Systems
- Chapter 12. GPS Navigation
- Chapter 13. Long-Range and Over Water Navigation
- Chapter 14. Non-Radar Navigation
- Chapter 15. Terrain Mapping
- Chapter 16. Flight Management Systems
- Chapter 17. FANS
- Chapter 18. Appendices

Author Biography

Donald J. Clausing (San Francisco, CA) is a contributing writer for many aviation magazines, including Flying, Professional Pilot, AOPA Pilot, and Plane and Pilot. He is the author of three previous editions of the Aviator's Guide to Navigation.

Competition

1560273127 - Global Navigation for Pilots, 2nd Ed – Remer - Aviation Supplies & Academics (ASA)

Backlist Titles Also Available

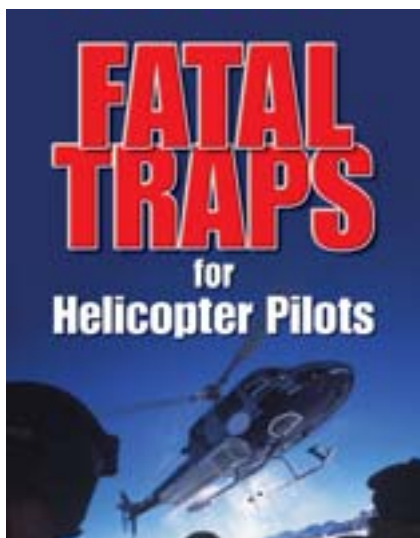
0070117926 - Aviator's Guide to Navigation 3ed - Clausing



Fatel Traps For Helicopters

Greg Whyte

Imprint: AVIATION



Pub date: JAN-07

ISBN: 0071488308 - Previous: N/A

EAN: 9780071488303

Format: SOFT BACK

UK Price: 23.99 - Euro price: 34.80

SA\$ price: 39.95

Subject area: Aviation

Pages: 400 - Illustrations: 50

Description

This potentially lifesaving guide covers everything you need to know, whether you're a helicopter pilot or maintenance technician, to prevent the most common types of aviation accidents. The author, an experienced pilot, covers all major aspects of helicopter accidents, including basic flight, engineering, meteorology, flight training, and human factors.

Key features

- Market: private helicopter pilots, aircraft maintenance personnel, aviation enthusiasts, and commercial and military pilots
- Case studies and first-hand accident accounts flesh out the descriptions and make for fascinating reading
- Features detailed examples of accident causes

Market

Private pilots, aircraft maintenance personnel, aviation enthusiasts, commercial and military pilots

Table of contents

1. Basic Flight Principles
2. Vortex Ring State
3. Recirculation
4. Ground Resonance
5. Retreating Blade Stall
6. Dynamic Rollover
7. Overpitching

8. Main Rotor Strikes
9. Mid-Air Collisions
10. Mast Bumping
11. Engine Failures
12. Tail Rotor Failures
13. Mechanical Failures
14. Fuel
15. Fire
16. Ditching
17. Loading Issues
18. Winching
19. Weather
20. Crew and Pre-flight Hazards
21. Human Factors
Training Mishaps

Author Biography

Greg Whyte is a helicopter pilot and professional aviation writer.

Understanding Space: An Introduction to Astronautics, 3/e

Jerry Sellers, William Astore, Robert Giffen, Wiley Larson
Imprint: STANDARD USE

**TO
FOLLOW**

Pub date: NOV-06
ISBN: 0073407755 - Previous: 0072943645
EAN: 9780073407753
Format: HARD BACK
UK Price: 42.99 - Euro price: 62.35
SA\$ price: 68.13
Subject area: Aviation
Pages: 800

Description

This is an introductory text in astronautics. It contains historical background and a discussion of space missions, space environment, orbits, atmospheric entry, spacecraft design, spacecraft subsystems, and space operations. It features section reviews summarizing key concepts, terms, and equations, and is extensively illustrated with many photos, figures, and examples. Space law, politics and economics. This is a truly user-friendly, full-colour text focused on understanding concepts and practical applications but written in a down-to-earth, engaging manner that painlessly helps you understand complex topics. It is laid out with multi-color highlights for key terms and ideas, reinforced with detailed example problems.

Key features

- User-friendly, full-colour text
- Supported by detailed section reviews summarizing key concepts, terms, and equations.

Table of contents

Space missions
History of space
Orbits and interplanetary trajectories
Atmospheric re-entry
Space system engineering
Spacecraft subsystems
Space operations and support
Economics of space
Satellite communications

Get your hands on the NEW MARKS and you'll solve any mechanical engineering problem quickly and easily--guaranteed! 2,080 pages of mechanical engineering facts, figures, standards and practices; 3,000 illustrations and 900 tables clarify every important mathematical and engineering principle; collective knowledge of 168 experts helps you answer any analytical, design and application question you'll ever have; Most up-to-date engineering data available in a single source on networks, software, bar coding, electronic distance measurement, LSI and. 10 of the best mechanical engineering books for reference and learning. These books for mechanical engineers are worth reading and re-reading. Simply put, Marks's™ Standard Handbook for Mechanical Engineers has been the mechanical engineer's bible for over 90 years and it requires little or no introduction. This comprehensive guide provides quick access to all areas of mechanical engineering and this has been one of the best mechanical engineering books available. The book was written by Eugene A. Avallone, Theodore Baumeister, and Ali Sadegh. The eleventh edition of Marks's™ Standard Handbook for Mechanical Engineers allows you to clarify all the important mathematical and engineering principles in a clear and concise manner.

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Mechanical Engineers' Handbook, Materials and Engineering Mechanics. 1,042 PagesÂ·2015Â·12.03 MBÂ·53,883 Downloads. Library of Congress Cataloging-in-Publication Data: Mechanical engineers handbook : materials M The CRC Handbook of Mechanical Engineering, Second Edition (Handbook Series for Mechanical. 2,618 PagesÂ·2005Â·76.12 MBÂ·13,553 DownloadsÂ·New! as groundbreaking new subject areas.Â Title varies: 1916â€“58; Mechanical engineers' handbook. Editors: 1916â€“51, L. S. Marks. (CHAIN Soil-structure interaction : the real behaviour of structures. 117 PagesÂ·1989Â·12.02 MBÂ·14,413 DownloadsÂ·New! Mechanical Engineer's Handbook. 876 PagesÂ·2004Â·17.15 MBÂ·37,559 Downloads. Tech Books Yard > Mechanical Engineering > Marks Standard Handbook for Mechanical Engineers 11th Edition_Part1. Marks Standard Handbook for Mechanical Engineers 11th Edition_Part1. Pages 800 Views 191 Size 11.7 MiB Downloads 11. Download. Tags