

## D3 User Guide Ken Rockwell

*The first major and in-depth retrospective monograph on JR, the enigmatic and anonymous Parisian photographer/street artist/activist behind some of the world's most provocative large-scale public photography projects. Created in close collaboration with JR, this book includes all bodies of his work, his collaborations with other artists and institutions such as the New York Ballet and previously unpublished behind-the-scenes documentation of his studios in Paris and New York, where he and his creative collaborators live and work. Introducing JR 's story is a specially commissioned graphic novel by comic artist Joseph Remnant, which charts his rise from graffiti roots and his decision to become a full-time artist. Features a survey essay by Nato Thompson, Chief Curator of Creative Time, New York. The Second Edition of the bestselling Measurement, Instrumentation, and Sensors Handbook brings together all aspects of the design and implementation of measurement, instrumentation, and sensors. Reflecting the current state of the art, it describes the use of instruments and techniques for performing practical measurements in engineering, physics, chemistry, and the life sciences and discusses processing systems, automatic data acquisition, reduction and analysis, operation characteristics, accuracy, errors, calibrations, and the incorporation of standards for control purposes. Organized according to measurement problem, the Spatial, Mechanical, Thermal, and Radiation Measurement volume of the Second Edition: Contains contributions from field experts, new chapters, and updates to all 96 existing chapters Covers instrumentation and measurement concepts, spatial and mechanical variables, displacement, acoustics, flow and spot velocity, radiation, wireless sensors and instrumentation, and control and human factors A concise and useful reference for engineers, scientists, academic faculty, students, designers, managers, and industry professionals involved in instrumentation and measurement research and development, Measurement, Instrumentation, and Sensors Handbook, Second Edition: Spatial, Mechanical, Thermal, and Radiation Measurement provides readers with a greater understanding of advanced applications.*

*Presenting the thoroughly revised, fully illustrated edition of The Nikon Compendium, updated by the technical editor of Nikon Owner magazine to include all the new Nikon cameras, lenses, and accessories. This is what Nikon enthusiasts have eagerly awaited: the most complete Nikon reference book ever. At almost double the length of the original, the guide describes virtually every Nikon camera ever produced, right up to the wide variety of popular digital models. It aids identification, offers user-friendly tips, explains what system fits with which camera, and discusses what limitations occur when equipment from one generation is married to items from another. Professional and amateur photographers, as well as enthusiasts, collectors, and retailers will want this on their bookshelves.*

*81/2 x 10 Since publication this title has proved to be very popular for both the serious lens user wishing to understand more about his lenses, as well as the Leica enthusiast considering which lens would be suitable to add to his outfit. Do you know your "Coma from your Aberrations"? If "Yes," then part 2 of Erwin Puts' new book will be of considerable interest to you. Either way you may find this section easier to understand than you expect; the illustrations and diagrams do help. Part 1 goes into the optical history of E. Leitz, Wetzlar and the Leica Camera of Solms in detail with all the personalities involved. This section is well illustrated with some new pictures. The commercial demands are always battling with the perfectionists at Leica who created some of the world's most famous lenses. Part 2 is an optical digression explaining the lens and glass design features, problems and terms and the continual battle to ensure that Leica users end up with the highest possible standard of lens. Part 3 is the largest part of the book. Puts has tested Leica lenses from 1925 to date; each lens, in most cases with diagram, is detailed with its performances at the critical apertures.*

*Advances in Computer, Information, and Systems Sciences, and Engineering*

*83 Composition Tools from the Masters*

*Nature*

*Organization Theory and Design*

*A Handbook for Creating Photos You'll Love*

*Seize the High Ground*

Creative, expressive, artistic photography has been the centerpiece from the beginning, and it remains the centerpiece in the new book. It will be a complete book in its technical information and clear explanations, but it all focuses on putting the technical aspects to use for personally expressive purposes. The illustrations include some of Bruce's best known imagery, as well as many new images never previously published or displayed. --from publisher description

In his introduction to this book, George R. Harrison, Dean Emeritus of M.I.T.'s School of Science, writes as follows: "Basic to man's behavior is his ability to determine, modify, and adapt to his environment. This he has been able to do in proportion to his skill at making measurements, and fundamental to all other measuring operations is his ability to determine locations in the material world. Thus the science of mechanical measurements is a fundamental one. It is this science, and the art which accompanies and informs it, with which this book is concerned." This is the third book produced by the , Inc., of Bridgeport, Connecticut. Like all of its products, the book is marked by a clean precision of design and execution. The firm has built a worldwide reputation since 1924, both as a manufacturer of special tooling to extremely close accuracies and of machine tools that make possible a very high degree of precision. Wayne R. Moore has assembled in the 350 pages of Foundations of Mechanical Accuracy the company's intimate knowledge of and experience with mechanical accuracy, and how to achieve it. He has illustrated his text with over 500 original photographs and drawings. This book tells how to attain precision in manufacturing to millionths of an inch and how to control such precision by appropriate measuring techniques. The book is divided into four main sections: geometry,

standards of length, dividing the circle, and roundness. A fifth section covers "Universal Measuring Machine Techniques and Applications." The book is printed in two colors throughout, and interspersed with full-page, full-color plates.

Combat robotics is a sport that is practiced world-wide. It attracts all kinds of participants, especially people interested in technology, engineering, machine design, computer science, new technologies and their trends. The competitions involve one-on-one duels between radio-controlled robotic vehicles in a bulletproof arena. RioBotz is the Robotic Competition team from the Pontifical Catholic University of Rio de Janeiro, Brazil. The team is formed by control, mechanical and electrical engineering undergraduate students from the University. This 374-page tutorial tries to summarize the knowledge learned and developed by the team since its creation in 2003. It includes the information on competing as well as designing and building combat robots. This tutorial also includes build reports from all combat robots from RioBotz, including detailed drawings and photos, totaling almost 900 figures.

New materials enable advances in engineering design. This book describes a procedure for material selection in mechanical design, allowing the most suitable materials for a given application to be identified from the full range of materials and section shapes available. A novel approach is adopted not found elsewhere. Materials are introduced through their properties; materials selection charts (a new development) capture the important features of all materials, allowing rapid retrieval of information and application of selection techniques. Merit indices, combined with charts, allow optimisation of the materials selection process. Sources of material property data are reviewed and approaches to their use are given. Material processing and its influence on the design are discussed. The book closes with chapters on aesthetics and industrial design. Case studies are developed as a method of illustrating the procedure and as a way of developing the ideas further.

Fundamentals of Machine Component Design

Fearless Photographer

One Place after Another

Proceedings of IETA 2005, TeNe 2005 and EIAE 2005

Materials for Civil and Construction Engineers

An Approach to Personal Expression

" This friendly book leads us clearly and gracefully from the basics to advanced techniques in photography composition . . . highly recommended. " —Brian Taylor, executive director, Center for Photographic Arts There ' s a common misconception that composition is mysterious and that only certain people have that natural gift for the techniques involved. The truth is that composition involves a set of skills that you can master. Just as you can use cookbook recipes to make your favorite meal—you don ' t have to be a famous French chef—you also can take amazing photos by just following a recipe! Marc Silber has spent years studying the works of masters and interviewing some of the biggest names in photography. The Secrets to Creating Amazing Photos puts at your fingertips ideas for improving your skills by giving you easy-to-follow " recipes " that will improve your photography right now! Composition is one of the biggest keys to creating photos that others will love. No matter what kind of camera or smartphone you ' re using, you can take your photography to the next level and beyond by learning composition tools and secrets known to the masters of the art. With this handy guide, you can flip to the look you want on the spot and follow the recipe for creating an image that inspires you. Use it when you ' re out photographing to get new ideas and inspiration.

" Buy it, read it and then apply what you have learnt from this superb new book . . . This is a complete must-have, a veritable cornucopia of wisdom gained over decades of experience. " —Gray Levett, editor of Nikon Owner magazine

"For undergraduate/graduate Principles of Management and Management Skills courses." Whetten/Cameron teaches students the ten essential skills all managers should possess in order to be successful. "Developing Management Skills", 7/e, " begin each chapter, starting with the PAMS assessment in the introduction, allowing students to see which skills they need to focus on more. It shows students with little work experience that most managers struggle with one or more skills presented in the book.

Leadership is a daunting subject for most developing leaders, but eventually all followers will be called upon to lead. Where do we start? What model or theory do we utilize? The choices become overwhelming for anyone attempting online searches. Everywhere you look are leadership books, programs, degrees, workshops, seminars, boot camps, and even mobile apps! Many organizations at Air University are utilizing the full range of leadership approach. Initially introduced by James MacGregor Burns in 1978 and Bernard Bass in 1985, these transformational and transactional leadership styles have sustained nearly four decades. Through (1) idealized transformational leader behaviors, one may raise the levels of his or her ethical and moral values while committing to "doing the right thing" for himself or herself and his or her followers: (2) by using inspirational motivation, leaders learn to articulate a vision to energize followers to accomplish more than they ever thought possible; (3) by intellectually stimulating followers, leaders will challenge followers to create and innovate as they reframe problems with renewed visions; and by providing individualized consideration, leaders may learn to incorporate each member's distinct gifts and talents as individual contributors to the organizational team. These transformational behaviors can offer connections to reaching (4) authentic transformational leadership by incorporating not only ethics and values but also, according to John Sosik, virtues and character strengths to refine one's leadership acumen, ameliorating leader-follower dynamics

The latest ideas in machine analysis and design have led to a major revision of the field's leading handbook. New chapters cover ergonomics, safety, and computer-aided design, with revised information

on numerical methods, belt devices, statistics, standards, and codes and regulations. Key features include: \*new material on ergonomics, safety, and computer-aided design; \*practical reference data that helps machine designers solve common problems--with a minimum of theory. \*current CAS/CAM applications, other machine computational aids, and robotic applications in machine design. This definitive machine design handbook for product designers, project engineers, design engineers, and manufacturing engineers covers every aspect of machine construction and operations. Voluminous and heavily illustrated, it discusses standards, codes and regulations; wear; solid materials, seals; flywheels; power screws; threaded fasteners; springs; lubrication; gaskets; coupling; belt drive; gears; shafting; vibration and control; linkage; and corrosion.

Rules of Thumb for Chemical Engineers

Advancing Your Photography

Spatial, Mechanical, Thermal, and Radiation Measurement

Modern Mathematical Statistics with Applications

Drama

Glossary and Sample Exams for DeVore's Probability and Statistics for Engineering and the Sciences, 7th

### **The Art of PhotographyAn Approach to Personal Expression**

**Wander through The Ultimate Art Museum - home to the finest, most accessible works from around the world and across time The imaginary art museum: an educational, inspiring experience without the constraints of space and time. Discover beautiful reproductions from pre-history to the present, arranged in easy-to-navigate, colour-coded wings, galleries, and rooms, each with an informative narrative guide. Marvel at its remarkable range of styles and mediums - from classic to contemporary, and from paintings and sculptures to photographs and textiles. With floor plans to follow and interactive cross-referencing activities, this museum-in-a-book is the perfect introduction to the history of human creativity.**

**The possibility of nondestructively characterizing the microstructure, morphology or mechanical properties of materials is certainly a fascinating subject. In principle, such techniques can be used at all stages of a material's life - from the early stages of processing, to the end of a structural component's useful life. Interest in the subject thus arises not only from a purely scientific point of view but is also strongly motivated by economic pressures to improve productivity and quality in manufacturing, to insure the reliability and extend the life of existing structures. The present volume represents the edited papers presented at the Second International Symposium on the Nondestructive Characterization of Materials, held in Montreal, Canada, July 21-23, 1986. The Proceedings are divided into eight sections, which reflect the multidisciplinary nature of characterizing materials nondestructively: Polymers and Composites, Ceramics and Powder Metallurgy, Metals, Layered Structures/Adhesive Bonds/Welding, Degradation/Aging, Texture/ Anisotropy, Stress, and New Techniques. Invited papers by R. Hadcock of Grumman Aircraft Systems, R. Cannon of Rutgers University, H. Yada of Nippon Steel and R. Bridenbaugh of Alcoa review respectively the processing of polymer matrix composites, ceramics, steel and aluminum, emphasizing the need for material property sensors to improve process and quality control. Two other invited papers, one by A. Wedgwood of Harwell and the other by P. Holler of the IzFP in Saarbrucken review state of the art techniques to characterize particulate matter and metals respectively.**

**For courses in Civil Engineering Materials, Construction Materials, and Construction Methods and Materials offered in Civil, Environmental, or Construction engineering departments. This introduction gives students a basic understanding of the material selection process and the behavior of materials - a fundamental requirement for all civil and construction engineers performing design, construction, and maintenance. The authors cover the various materials used by civil and construction engineers in one useful reference, limiting the vast amount of information available to the introductory level, concentrating on current practices, and extracting information that is relevant to the general education of civil and construction engineers. A large number of experiments, figures, sample problems, test methods, and homework problems gives students opportunity for practice and review.**

**Cameras, Lenses & Accessories Since 1917**

**Leveraging a Transformational Approach**

**Head First Java**

**The Secrets to Creating Amazing Photos**

**In Defense of Food**

**RioBotz Combat Robot Tutorial**

**VALUABLE PHOTOGRAPHY TIPS Jumpstart your photography: Take your photography to the next level with this easy to understand and use handbook that is packed with tips from some of the world's best photographers. Find out how you can apply their secrets for capturing outstanding photos. With this book you will understand all steps needed to be a fantastic photographer. Buy it, read it and use it to create photos that you and others will love! "Marc's new book is an all-in-one, easily accessible handbook drawn from his huge library of interviews with top photographers -- and packed with information that can be put into action immediately. This book will show you how the pros do it. Study this and take your best shot." Chase Jarvis, Multi-Award winning Photographer and**

**CEO/Founder of CreativeLive. Photography Tips: Easy-to-understand photography tips from professional photography masters** – all in one compact book that fits into your camera bag. Learn professional photography tips and tricks for beginners from masters of this art form: In *Advancing Your Photography*, Marc Silber provides the definitive handbook that will take you through the entire process of becoming an accomplished photographer. From teaching you the basics to exploring the stages of the full "cycle of photography," Silber makes it easy for you to master the art form and create stunning pictures. Valuable photography tips from thousands of hours of interviews with professional photography masters: You will learn valuable insights, including: • beginner photography tips • amateur photography tips • landscape photography tips • wedding photography tips • lifestyle photography tips • sports photography tips • animal photography tips • portrait photography tips • still life photography tips • iPhone photography tips Photography and the technology associated with it is constantly evolving, but the fundamentals remain the same. *Advancing Your Photography* will help to bring you the joy and satisfaction of a lifetime of pursuing the art of photography. *Advancing Your Photography* features: • Top tips for making outstanding photographs from iconic photographers and many other leading professional photography masters of today. • Numerous step-by-step examples • Guidance on training your eye to see composition with emotional impact • Tips on mastering the key points of operating your camera like a pro • Secrets to processing your images to professional standards • Compact design that will easily fit in your camera bag

A celebration of the work of contemporary architect David Rockwell, who works at the intersection of architecture and performance This unique insight into the projects and philosophy of renowned architect and Tony Award-winning set designer David Rockwell explores the remarkable range of his work, from restaurants and hotels to museums and Broadway stages. It is the first book to shine a spotlight on the relationship between architecture and performance and features contributions from leading voices and talents in fields as diverse as architecture, lighting design, and the culinary arts. David Rockwell's fascination with theater has long informed his built work. *Drama* explores the core principles that Rockwell uses to enhance the impact of his architecture, with contributions from experts across the creative world - from record producer Quincy Jones to chef José Andrés. It's both an exciting new insight into the work of an important contemporary architect and a compelling case for the virtues of interdisciplinary collaboration.

A critical history of site-specific art since the late 1960s. Site-specific art emerged in the late 1960s in reaction to the growing commodification of art and the prevailing ideals of art's autonomy and universality. Throughout the 1970s and 1980s, as site-specific art intersected with land art, process art, performance art, conceptual art, installation art, institutional critique, community-based art, and public art, its creators insisted on the inseparability of the work and its context. In recent years, however, the presumption of unrepeatability and immobility encapsulated in Richard Serra's famous dictum "to remove the work is to destroy the work" is being challenged by new models of site specificity and changes in institutional and market forces. *One Place after Another* offers a critical history of site-specific art since the late 1960s and a theoretical framework for examining the rhetoric of aesthetic vanguardism and political progressivism associated with its many permutations. Informed by urban theory, postmodernist criticism in art and architecture, and debates concerning identity politics and the public sphere, the book addresses the siting of art as more than an artistic problem. It examines site specificity as a complex cipher of the unstable relationship between location and identity in the era of late capitalism. The book addresses the work of, among others, John Ahearn, Mark Dion, Andrea Fraser, Donald Judd, Renee Green, Suzanne Lacy, Inigo Manglano-Ovalle, Richard Serra, Mierle Laderman Ukeles, and Fred Wilson.

In the tradition of *California the Beautiful*, Galen Rowell's best-selling celebration of the natural beauty of the Golden State, comes *Yosemite & the Eastern Sierra*, featuring stunning color images by outdoor photographer Gary Crabbe. Here is a fresh look at the wonders of Yosemite National Park (visited by more than three million people each year), as well as the lesser-known vistas of the pristine wilderness that adjoins the eastern slopes of the Sierra Nevada. From the first light of sunrise cascading above an alpine creek to the last glint of sunset reflected on the joyful serenade of a waterfall ballet at Horsetail Falls, the spirit of the land will nourish your soul. The accompanying text of this small but exquisitely printed volume speaks through the voices of our great nature writers, from Ansel Adams and Galen Rowell to Joan Didion, Wallace Stegner, and Mark Twain. This is the perfect gift for anyone who has ever marveled at the beauty of Yosemite National Park and the glorious gallery of the Eastern Sierra's natural wonders.

**Site-Specific Art and Locational Identity**

**A Manual of Quick, Accurate Solutions to Everyday Process Engineering Problems**

**The Great Telecom Meltdown**

**Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results (rev. Ed. )**

**An International Perspective**

**Developing Your Full Range of Leadership**

*The conference proceedings of: International Conference on Industrial Electronics, Technology & Automation (IETA 05) International Conference on Telecommunications and Networking (TeNe 05) International Conference on Engineering Education, Instructional Technology, Assessment, and E-learning (EIAE 05) include a set of rigorously reviewed world-class manuscripts addressing and detailing state-of-the-art research projects in the areas of: Industrial Electronics, Technology and Automation, Telecommunications, Networking, Engineering Education, Instructional Technology and e-Learning. The three conferences, (IETA 05, TENE 05 and EIAE 05) were part of the International Joint Conference on Computer, Information, and System Sciences, and Engineering (CISSE 2005). CISSE 2005, the World's first Engineering/Computing and Systems Research E-Conference was the first high-caliber Research Conference in the world to be completely conducted online in real-time via the internet. CISSE received 255 research paper submissions and the final program included 140 accepted papers, from more than 45 countries. The whole concept and format of CISSE 2005 was very exciting and ground-breaking. The*

powerpoint presentations, final paper manuscripts and time schedule for live presentations over the web had been available for 3 weeks prior to the start of the conference for all registrants, so they could pick and choose the presentations they want to attend and think about questions that they might want to ask. The live audio presentations were also recorded and are part of the permanent CISSE archive, which includes all power point presentations, papers and recorded presentations. All aspects of the conference were managed on-line; not only the reviewing, submissions and registration processes; but also the actual conference. Conference participants - authors, presenters and attendees - only needed an internet connection and sound available on their computers in order to be able to contribute and participate in this international ground-breaking conference. The on-line structure of this high-quality event allowed academic professionals and industry participants to contribute work and attend world-class technical presentations based on rigorously refereed submissions, live, without the need for investing significant travel funds or time out of the office. Suffice to say that CISSE received submissions from more than 50 countries, for whose researchers, this opportunity presented a much more affordable, dynamic and well-planned event to attend and submit their work to, versus a classic, on-the-ground conference. The CISSE conference audio room provided superb audio even over low speed internet connections, the ability to display PowerPoint presentations, and cross-platform compatibility (the conferencing software runs on Windows, Mac, and any other operating system that supports Java). In addition, the conferencing system allowed for an unlimited number of participants, which in turn granted CISSE the opportunity to allow all participants to attend all presentations, as opposed to limiting the number of available seats for each session. The implemented conferencing technology, starting with the submission & review system and ending with the online conferencing capability, allowed CISSE to conduct a very high quality, fulfilling event for all participants. See: [www.cissee2005.org](http://www.cissee2005.org), sections: IETA, TENE, EIAE

Organizing involves continuous challenges in the face of uncertainty and change. How is globalization impacting organizations? How will new strategies for a turbulent world affect organizational design? In this second edition of *Organization Theory and Design*, developed for students in the UK, Europe, the Middle East and Africa, respected academics Jonathan Murphy and Hugh Willmott continue to add an international perspective to Richard L. Daft's landmark text. Together they tackle these questions in a comprehensive, clear and accessible study of the subject.

This excellent new edition of *The Complete Guide to Referencing and Avoiding Plagiarism* will continue to demystify the referencing process and provide essential guidance on making sure you are not committing plagiarism. It provides clear guidelines on why and when to reference as well as how to correctly cite from a huge range of sources. Tackling all the main forms of referencing - Harvard, APA, MLA and Numerical referencing styles - in an accessible and comprehensive manner, you'll want to dip into this book again and again. This new edition offers additional 'frequently asked questions' and answers; quotations from real students; referencing in action; exercises and quizzes to test your knowledge; more information on referencing management software; and a detailed guide to referencing electronic sources and choosing reliable internet sites. *The Complete Guide to Referencing & Avoiding Plagiarism* is essential reading for all students and professionals who need to use referencing to accurately reflect the work of others and avoid plagiarism.

Instant answers to your toughest questions on piping components and systems! It's impossible to know all the answers when piping questions are on the table - the field is just too broad. That's why even the most experienced engineers turn to *Piping Handbook*, edited by Mohinder L. Nayyar, with contribution from top experts in the field. The Handbook's 43 chapters--14 of them new to this edition--and 9 new appendices provide, in one place, everything you need to work with any type of piping, in any type of piping system: design layout selection of materials fabrication and components operation installation maintenance This world-class reference is packed with a comprehensive array of analytical tools, and illustrated with fully-worked-out examples and case histories. Thoroughly updated, this seventh edition features revised and new information on design practices, materials, practical applications and industry codes and standards--plus every calculation you need to do the job.

*Yosemite & the Eastern Sierra*

*Leica Lens Compendium*

*JR: Can Art Change the World?*

*High-Power Converters and AC Drives*

*The Men's Fashion Book*

*Standard Handbook of Machine Design*

*Fundamentals of Machine Component Design* presents a thorough introduction to the concepts and methods essential to mechanical engineering design, analysis, and application. In-depth coverage of major topics, including free body diagrams, force flow concepts, failure theories, and fatigue design, are coupled with specific applications to bearings, springs, brakes, clutches, fasteners, and more for a real-world functional body of knowledge. Critical thinking and problem-solving skills are strengthened through a graphical procedural framework, enabling the effective identification of problems and clear presentation of solutions. Solidly focused on practical applications of fundamental theory, this text helps students develop the ability to conceptualize designs, interpret test results, and facilitate improvement. Clear presentation reinforces central ideas with multiple case studies, in-class exercises, homework problems, computer software data sets, and access to supplemental internet resources, while

appendices provide extensive reference material on processing methods, joinability, failure modes, and material properties to aid student comprehension and encourage self-study.

Learning a complex new language is no easy task especially when it is an object-oriented computer programming language like Java. You might think the problem is your brain. It seems to have a mind of its own, a mind that doesn't always want to take in the dry, technical stuff you're forced to study. The fact is your brain craves novelty. It's constantly searching, scanning, waiting for something unusual to happen. After all, that's the way it was built to help you stay alive. It takes all the routine, ordinary, dull stuff and filters it to the background so it won't interfere with your brain's real work--recording things that matter. How does your brain know what matters? It's like the creators of the Head First approach say, suppose you're out for a hike and a tiger jumps in front of you, what happens in your brain? Neurons fire. Emotions crank up. Chemicals surge. That's how your brain knows. And that's how your brain will learn Java. Head First Java combines puzzles, strong visuals, mysteries, and soul-searching interviews with famous Java objects to engage you in many different ways. It's fast, it's fun, and it's effective. And, despite its playful appearance, Head First Java is serious stuff: a complete introduction to object-oriented programming and Java. You'll learn everything from the fundamentals to advanced topics, including threads, network sockets, and distributed programming with RMI. And the new, second edition focuses on Java 5.0, the latest version of the Java language and development platform. Because Java 5.0 is a major update to the platform, with deep, code-level changes, even more careful study and implementation is required. So learning the Head First way is more important than ever. If you've read a Head First book, you know what to expect--a visually rich format designed for the way your brain works. If you haven't, you're in for a treat. You'll see why people say it's unlike any other Java book you've ever read. By exploiting how your brain works, Head First Java compresses the time it takes to learn and retain--complex information. Its unique approach not only shows you what you need to know about Java syntax, it teaches you to think like a Java programmer. If you want to be bored, buy some other book. But if you want to understand Java, this book's for you.

"[Seize the high ground is a] narrative history of the Army's aerospace experience from the 1950s to the present. The focus is on ballistic missile defense, from the early NIKE-HERCULES missile program through the SAFEGUARD acquisition site allowed by the 1972 ABM Treaty to the more advanced 'Star Wars' concepts studies toward the end of the century. [What is] covered is not only the technological response to the threat but the organizational and tactical development of the commands and units responsible for the defense mission"--CMH website.

This book presents the latest cutting-edge technology in high-power converters and medium voltage drives, and provides a complete analysis of various converter topologies, modulation techniques, practical drive configurations, and advanced control schemes. Supplemented with more than 250 illustrations, the author illustrates key concepts with simulations and experiments. Practical problems, along with accompanying solutions, are presented to help you tackle real-world issues.

Piping Handbook

Digital SLR Cameras and Photography For Dummies

The New Nikon Compendium

Foundations of Mechanical Accuracy

Genetic Programming

Phase Transformations in Metals and Alloys

**Motion control is widely used in all types of industries including packaging, assembly, textile, paper, printing, food processing, wood products, machinery, electronics and semiconductor manufacturing. Industrial motion control applications use specialized equipment and require system design and integration. To design such systems, engineers need to be familiar with industrial motion control products; be able to bring together control theory, kinematics, dynamics, electronics, simulation, programming and machine design; apply interdisciplinary knowledge; and deal with practical application issues. The book is intended to be an introduction to the topic for senior level undergraduate mechanical and electrical engineering students. It should also be resource for system design engineers, mechanical engineers, electrical engineers, project managers, industrial engineers, manufacturing engineers, product managers, field engineers, and programmers in industry.**

**#1 New York Times Bestseller from the author of How to Change Your Mind, The Omnivore's Dilemma, and Food Rules Food. There's plenty of it around, and**

we all love to eat it. So why should anyone need to defend it? Because in the so-called Western diet, food has been replaced by nutrients, and common sense by confusion--most of what we're consuming today is longer the product of nature but of food science. The result is what Michael Pollan calls the American Paradox: The more we worry about nutrition, the less healthy we see to become. With *In Defense of Food*, Pollan proposes a new (and very old) answer to the question of what we should eat that comes down to seven simple but liberating words: "Eat food. Not too much. Mostly plants." Pollan's bracing and eloquent manifesto shows us how we can start making thoughtful food choices that will enrich our lives, enlarge our sense of what it means to be healthy, and bring pleasure back to eating.

Providing readers with an authoritative account of what contributed to the "Great Telecom Crash," this insightful resource explores the roots of the perfect storm that buffeted telecom and Internet companies and investors.

This 3rd edition of *Modern Mathematical Statistics with Applications* tries to strike a balance between mathematical foundations and statistical practice. The book provides a clear and current exposition of statistical concepts and methodology, including many examples and exercises based on real data gleaned from publicly available sources. Here is a small but representative selection of scenarios for our examples and exercises based on information in recent articles: Use of the "Big Mac index" by the publication *The Economist* as a humorous way to compare product costs across nations Visualizing how the concentration of lead levels in cartridges varies for each of five brands of e-cigarettes Describing the distribution of grip size among surgeons and how it impacts their ability to use a particular brand of surgical stapler Estimating the true average odometer reading of used Porsche Boxsters listed for sale on [www.cars.com](http://www.cars.com) Comparing head acceleration after impact when wearing a football helmet with acceleration without a helmet Investigating the relationship between body mass index and foot load while running The main focus of the book is on presenting and illustrating methods of inferential statistics used by investigators in a wide variety of disciplines, from actuarial science all the way to zoology. It begins with a chapter on descriptive statistics that immediately exposes the reader to the analysis of real data. The next six chapters develop the probability material that facilitates the transition from simply describing data to drawing formal conclusions based on inferential methodology. Point estimation, the use of statistical intervals, and hypothesis testing are the topics of the first three inferential chapters. The remainder of the book explores the use of these methods in a variety of more complex settings. This edition includes many new examples and exercises as well as an introduction to the simulation of events and probability distributions. There are more than 1300 exercises in the book, ranging from very straightforward to reasonably challenging. Many sections have been rewritten with the goal of streamlining and providing a more accessible exposition. Output from the most common statistical software packages is included wherever appropriate (a feature absent from virtually all other mathematical statistics textbooks). The authors hope that their enthusiasm for the theory and applicability of statistics to real world problems will encourage students to pursue more training in the discipline.

**Measurement, Instrumentation, and Sensors Handbook**

**An Eater's Manifesto**

**Motor Selection, Drives, Controller Tuning, Applications**

**The Art of Photography**

**Materials Selection in Mechanical Design**

**This Is Still Not a Book**

The first-ever authoritative A-Z celebration of the 500 greatest names in men's fashion - 200 years of men's style through the work of designers, brands, photographers, icons, models, retailers, tailors, and stylists around the globe

The most complete guide of its kind, this is the standard handbook for chemical and process engineers. All new material on fluid flow, long pipe, fractionators, separators and accumulators, cooling towers, gas treating, blending, troubleshooting field cases, gas solubility, and density of irregular solids. This substantial addition of material will also include conversion tables and a new appendix, "Shortcut Equipment Design Methods." This convenient volume helps solve field engineering problems with its hundreds of common sense techniques, shortcuts, and calculations. Here, in a compact, easy-to-use format, are practical tips, handy formulas, correlations, curves, charts, tables, and shortcut methods that will save engineers valuable time and effort. Hundreds of common sense techniques and calculations help users quickly and accurately solve day-to-day design, operations, and equipment problems.

Results of measurements and conclusions derived from them constitute much of the technical information produced by the National Institute of Standards and Technology (NIST). In July 1992 the Director of NIST appointed an Ad Hoc Committee on Uncertainty Statements and charged it with recommending a policy on this important topic. The Committee concluded that the CIPM approach could be used to provide quantitative expression of measurement that would satisfy NIST's customers' requirements. NIST initially published a Technical Note on this issue in Jan. 1993. This 1994 edition addresses the most important questions raised by recipients concerning some of the points it addressed and some it did not. Illustrations.

In this ground-breaking book, John Koza shows how this remarkable paradigm works and provides substantial empirical evidence that solutions to a great variety of problems from many different fields can be found by genetically breeding populations of computer programs. Genetic programming may be more powerful than neural networks and other machine learning techniques, able to solve problems in a wider range of disciplines. In this ground-breaking book, John Koza shows how this remarkable paradigm works and provides substantial empirical evidence that solutions to a great variety of problems from many different fields can be found by genetically breeding populations of computer

programs. Genetic Programming contains a great many worked examples and includes a sample computer code that will allow readers to run their own programs. In getting computers to solve problems without being explicitly programmed, Koza stresses two points: that seemingly different problems from a variety of fields can be reformulated as problems of program induction, and that the recently developed genetic programming paradigm provides a way to search the space of possible computer programs for a highly fit individual computer program to solve the problems of program induction. Good programs are found by evolving them in a computer against a fitness measure instead of by sitting down and writing them.

Nondestructive Characterization of Materials II

EBOOK: The Complete Guide to Referencing and Avoiding Plagiarism

The Ultimate Art Museum

Developing Management Skills

A Brain-Friendly Guide

On the Programming of Computers by Means of Natural Selection

Each spread in this board book is actually something else entirely -- from a flip phone and a folded t-shirt to an elephant's trunk and much more.

Discover the keys to capturing vibrant, compelling nature photographs with insights, tips and examples from a professional photographer and outdoorsman in FEARLESS PHOTOGRAPHER: NATURE. This unique, captivating book is the ideal reference tool for motivating aspiring, novice or more experienced amateur nature photographers alike. FEARLESS PHOTOGRAPHER: NATURE offers a wealth of powerful yet simple photographic techniques as it explores iconic subjects; surveys the latest relevant cameras, lenses and accessories; and examines composition and exposure. Stunning images from nature and memorable photographic examples and stories inspire readers and encourage a fresh, unique approach to connecting with and photographing today's natural world. Readers learn or review the basics of nature photography and master creative techniques that enable them to successfully photograph subjects in nature, including spectacular landscapes, breath-taking wildlife as well as close-ups and reflections. They will also discover how to evaluate and simplify equipment needs and most effectively use today's post-production technology.

The Army in Space and Missile Defense

Industrial Motion Control