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KEY=SURVIVAL - AVERY CLARK

STRUTS SURVIVAL GUIDE

BASICS TO BEST PRACTICES

Objectsource Llc

STRUTS SURVIVAL GUIDE J2EE SURVIVAL SERIES

Struts is the web application framework of choice for building J2EE applications in the enterprises. This book covers Struts from a practical approach rather than technolo perspective. In addition, it covers the best practices that have emerged in the industry using Struts over the years.

JAKARTA STRUTS COOKBOOK

MASTERING JAKARTA STRUTS, SOLUTION BY SOLUTION

"O'Reilly Media, Inc." The Jakarta Struts Framework is a popular open source platform for building web applications from top to bottom with Java. While this popularity has led to a wealth of online and in-print documentation, developers still find themselves faced with a number of common tasks that are not clearly and succinctly explained. In these situations, programmers can now turn to the Jakarta Struts Cookbook an amazing collection of code solutions to common--and uncommon--problems encountered when working with the Struts Framework. Among many other recipes, this book explains how to: display data in complex HTML tables use JSP, the JSTL, and JavaScript in your user interface define static and dynamic action forms validate data and respond to errors use Logging, Validation, and Exception Handling integrate Struts with persistence frameworks like Hibernate and iBATIS This look-up reference is just what today's time-pressed developers need. With solutions to real-world problems just a few page flips away, information is instantly available. And while the book's solutions focus on getting to the point, each recipe's discussion section imparts valuable concept and insight from a Struts veteran. The Jakarta Struts Cookbook is perfect for independent developers, large development teams, and everyone in between who wishes to use the Struts Framework to its fullest potential. Plus, it s completely up-to-date with the latest versions of Framework, so readers can be sure the information is viable.

SAS SURVIVAL HANDBOOK, REVISED EDITION

FOR ANY CLIMATE, IN ANY SITUATION

Harper Collins For Any Climate, in Any Situation Newly updated to reflect the latest in survival knowledge and technology, the internationally bestselling SAS Survival Handbook is the definitive resource for all campers, hikers, and outdoor adventurers. From basic campcraft and navigation to fear management and strategies for coping with any type of disaster, this complete course includes: Being prepared: Understanding basic survival needs and preparing essentials, such as a pocket survival kit. Making camp: Finding the best location, constructing the appropriate shelter, organizing camp, and creating tools. Food: What to eat, what to avoid, where to find it, and how to prepare it. First aid: A comprehensive course in emergency/wilderness medicine, including how to maximize survival in any climate or when injured. Disaster survival: How to react in the face of increasingly frequent natural disasters and hostile situations—and how to survive at home if all services and supplies are cut off.

THE KNOWLEDGE

HOW TO REBUILD CIVILIZATION IN THE AFTERMATH OF A CATACLYSM

Penguin How would you go about rebuilding a technological society from scratch? If our technological society collapsed tomorrow what would be the one book you would want to press into the hands of the postapocalyptic survivors? What crucial knowledge would they need to survive in the immediate aftermath and to rebuild civilization as quickly as possible? Human knowledge is collective, distributed across the population. It has built on itself for centuries, becoming vast and increasingly specialized. Most of us are ignorant about the fundamental principles of the civilization that supports us, happily utilizing the latest—or even the most basic—technology without having the slightest idea of why it works or how it came to be. If you had to go back to absolute basics, like some sort of postcataclysmic Robinson Crusoe, would you know how to re-create an internal combustion engine, put together a microscope, get metals out of

rock, or even how to produce food for yourself? Lewis Dartnell proposes that the key to preserving civilization in an apocalyptic scenario is to provide a quickstart guide, adapted to cataclysmic circumstances. *The Knowledge* describes many of the modern technologies we employ, but first it explains the fundamentals upon which they are built. Every piece of technology rests on an enormous support network of other technologies, all interlinked and mutually dependent. You can't hope to build a radio, for example, without understanding how to acquire the raw materials it requires, as well as generate the electricity needed to run it. But Dartnell doesn't just provide specific information for starting over; he also reveals the greatest invention of them all—the phenomenal knowledge-generating machine that is the scientific method itself. *The Knowledge* is a brilliantly original guide to the fundamentals of science and how it built our modern world.

BOOK REVIEW INDEX

Every 3rd issue is a quarterly cumulation.

GENERATIVE ART

A PRACTICAL GUIDE USING PROCESSING

Simon and Schuster Summary *Generative Art* presents both the technique and the beauty of algorithmic art. The book includes high-quality examples of generative art, along with the specific programmatic steps author and artist Matt Pearson followed to create each unique piece using the Processing programming language. About the Technology Artists have always explored new media, and computer-based artists are no exception. Generative art, a technique where the artist creates print or onscreen images by using computer algorithms, finds the artistic intersection of programming, computer graphics, and individual expression. The book includes a tutorial on Processing, an open source programming language and environment for people who want to create images, animations, and interactions. About the Book *Generative Art* presents both the techniques and the beauty of algorithmic art. In it, you'll find dozens of high-quality examples of generative art, along with the specific steps the author followed to create each unique piece using the Processing programming language. The book includes concise tutorials for each of the technical components required to create the book's images, and it offers countless suggestions for how you can combine and reuse the various techniques to create your own works. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside The principles of algorithmic art A Processing language tutorial Using organic, pseudo-random, emergent, and fractal processes
===== Table of Contents Part 1 Creative Coding
Generative Art: In Theory and Practice Processing: A Programming Language for Artists Part 2 Randomness and Noise
The Wrong Way to Draw A Line The Wrong Way to Draw a Circle Adding Dimensions Part 3 Complexity Emergence
Autonomy Fractals

LEARNING ANGULARJS

A GUIDE TO ANGULARJS DEVELOPMENT

"O'Reilly Media, Inc." With AngularJS, you can quickly build client-side applications that run well on any desktop or mobile platform, using REST web services for backend processes. You may have heard that the learning curve for this JavaScript MVC framework is too steep, but that's not the case. This practical guide provides a hands-on approach to learning AngularJS that will have you building high-quality applications and websites in no time. Along with a conceptual understanding of the framework, you'll also gain direct experience with AngularJS by building a sample application throughout the book. If you're familiar with JavaScript, web development, and software design concepts and patterns, this book is the perfect way to get started. Understand how AngularJS differs from other MVC frameworks Learn about AngularJS controllers, views, and models by diving into the book's sample project Connect your working application to public REST services Build the application's security layer with non-REST AngularJS services Explore the basics of building and testing AngularJS directives Use AngularJS as part of the MEAN stack (MongoDB, ExpressJS, AngularJS, and Node.js) Discover how search engine optimization relates to AngularJS applications and sites

JAVA CONCURRENCY IN PRACTICE

Pearson Education Threads are a fundamental part of the Java platform. As multicore processors become the norm, using concurrency effectively becomes essential for building high-performance applications. Java SE 5 and 6 are a huge step forward for the development of concurrent applications, with improvements to the Java Virtual Machine to support high-performance, highly scalable concurrent classes and a rich set of new concurrency building blocks. In *Java Concurrency in Practice*, the creators of these new facilities explain not only how they work and how to use them, but also the motivation and design patterns behind them. However, developing, testing, and debugging multithreaded programs can still be very difficult; it is all too easy to create concurrent programs that appear to work, but fail when it matters most: in production, under heavy load. *Java Concurrency in Practice* arms readers with both the theoretical underpinnings and concrete techniques for building reliable, scalable, maintainable concurrent applications. Rather than simply offering an inventory of concurrency APIs and mechanisms, it provides design rules, patterns, and mental models that make it easier to build concurrent programs that are both correct and performant. This book covers: Basic concepts of concurrency and thread safety Techniques for building and composing thread-safe classes Using the

concurrency building blocks in java.util.concurrent Performance optimization dos and don'ts Testing concurrent programs Advanced topics such as atomic variables, nonblocking algorithms, and the Java Memory Model

BASICS OF FOUNDATION DESIGN

Lulu.com The "Red Book" presents a background to conventional foundation analysis and design. The text is not intended to replace the much more comprehensive 'standard' textbooks, but rather to support and augment these in a few important areas, supplying methods applicable to practical cases handled daily by practising engineers and providing the basic soil mechanics background to those methods. It concentrates on the static design for stationary foundation conditions. Although the topic is far from exhaustively treated, it does intend to present most of the basic material needed for a practising engineer involved in routine geotechnical design, as well as provide the tools for an engineering student to approach and solve common geotechnical design problems.

ACCEPTABLE METHODS, TECHNIQUES, AND PRACTICES

AIRCRAFT INSPECTION AND REPAIR

SOPHIE'S WORLD

A NOVEL ABOUT THE HISTORY OF PHILOSOPHY

Farrar, Straus and Giroux One day Sophie comes home from school to find two questions in her mail: "Who are you?" and "Where does the world come from?" Before she knows it she is enrolled in a correspondence course with a mysterious philosopher. Thus begins Jostein Gaarder's unique novel, which is not only a mystery, but also a complete and entertaining history of philosophy.

A GUIDE TO MATLAB

FOR BEGINNERS AND EXPERIENCED USERS

Cambridge University Press This is a short, focused introduction to MATLAB, a comprehensive software system for mathematical and technical computing. It contains concise explanations of essential MATLAB commands, as well as easily understood instructions for using MATLAB's programming features, graphical capabilities, simulation models, and rich desktop interface. Written for MATLAB 7, it can also be used with earlier (and later) versions of MATLAB. This book teaches how to graph functions, solve equations, manipulate images, and much more. It contains explicit instructions for using MATLAB's companion software, Simulink, which allows graphical models to be built for dynamical systems. MATLAB's new "publish" feature is discussed, which allows mathematical computations to be combined with text and graphics, to produce polished, integrated, interactive documents. For the beginner it explains everything needed to start using MATLAB, while experienced users making the switch to MATLAB 7 from an earlier version will also find much useful information here.

STRUTS 2 IN ACTION

Simon and Schuster The original Struts project revolutionized Java web development and its rapid adoption resulted in the thousands of Struts-based applications deployed worldwide. Keeping pace with new ideas and trends, Apache Struts 2 has emerged as the product of a merger between the Apache Struts and OpenSymphony WebWork projects, united in their goal to develop an easy-to-use yet feature-rich framework. Struts 2 represents a revolution in design and ease of use when compared to classic Struts. It adds exciting and powerful features such as a plugin framework, JavaServer Faces integration, and XML-free configuration. Struts 2 In Action introduces the Apache Struts 2 web application framework and shows you how to quickly develop professional, production-ready modern web applications. Written by Don Brown, one of the leading developers of Struts 2, Chad Davis, a passionate Struts 2 developer, along with Scott Stanlick, this book gently walks you through the key features of Struts 2 in example-driven, easy-to-digest sections. Struts 2 in Action delivers accurate, seasoned information that can immediately be put to work. This book is designed for working Java web developers-especially those with some background in Struts 1 or WebWork. The core content, covering key framework components such as Actions, Results, and Interceptors, includes new features like the annotation-based configuration options. You'll find chapters on Struts 2 plugins, FreeMarker, and migration from Struts 1 and WebWork 2. Finally, new topics such as the Ajax tags, Spring Framework integration, and configuration by convention give familiar subjects new depth. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

NO LOGO

TAKING AIM AT THE BRAND BULLIES

Macmillan An analysis of the invasion of our personal lives by logo-promoting, powerful corporations combines muckraking journalism with contemporary memoir to discuss current consumer culture

DEVELOPING A PROTOCOL FOR OBSERVATIONAL COMPARATIVE EFFECTIVENESS RESEARCH: A USER'S GUIDE

Government Printing Office This User's Guide is a resource for investigators and stakeholders who develop and review observational comparative effectiveness research protocols. It explains how to (1) identify key considerations and best

practices for research design; (2) build a protocol based on these standards and best practices; and (3) judge the adequacy and completeness of a protocol. Eleven chapters cover all aspects of research design, including: developing study objectives, defining and refining study questions, addressing the heterogeneity of treatment effect, characterizing exposure, selecting a comparator, defining and measuring outcomes, and identifying optimal data sources. Checklists of guidance and key considerations for protocols are provided at the end of each chapter. The User's Guide was created by researchers affiliated with AHRQ's Effective Health Care Program, particularly those who participated in AHRQ's DEcIDE (Developing Evidence to Inform Decisions About Effectiveness) program. Chapters were subject to multiple internal and external independent reviews. More more information, please consult the Agency website: www.effectivehealthcare.ahrq.gov)

REPORT OF THE PRESIDENTIAL COMMISSION ON THE SPACE SHUTTLE CHALLENGER ACCIDENT

DIANE Publishing Reviews the circumstances surrounding the Challenger accident to establish the probable cause or causes of the accident. Develops recommendations for corrective or other action based upon the Commission's findings and determinations. Color photos, charts and tables.

SPRING INTEGRATION IN ACTION

Simon and Schuster Summary Spring Integration in Action is a hands-on guide to Spring-based messaging and integration. After addressing the core messaging patterns, such as those used in transformation and routing, the book turns to the adapters that enable integration with external systems. Readers will explore real-world enterprise integration scenarios using JMS, Web Services, file systems, and email. They will also learn about Spring Integration's support for working with XML. The book concludes with a practical guide to advanced topics such as concurrency, performance, system-management, and monitoring. The book features a foreword by Rod Johnson, Founder of the Spring Network. About the Technology Spring Integration extends the Spring Framework to support the patterns described in Gregor Hohpe and Bobby Woolf's Enterprise Integration Patterns. Like the Spring Framework itself, it focuses on developer productivity, making it easier to build, test, and maintain enterprise integration solutions. About the Book Spring Integration in Action is an introduction and guide to enterprise integration and messaging using the Spring Integration framework. The book starts off by reviewing core messaging patterns, such as those used in transformation and routing. It then drills down into real-world enterprise integration scenarios using JMS, Web Services, filesystems, email, and more. You'll find an emphasis on testing, along with practical coverage of topics like concurrency, scheduling, system management, and monitoring. This book is accessible to developers who know Java. Experience with Spring and EIP is helpful but not assumed. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside Realistic examples Expert advice from Spring Integration creators Detailed coverage of Spring Integration 2 features About the Authors Mark Fisher is the Spring Integration founder and project lead. Jonas Partner, Marius Bogoevici, and Iwein Fuld have all been project committers and are recognized experts on Spring and Spring Integration. Table of Contents PART 1 BACKGROUND Introduction to Spring Integration Enterprise integration fundamentals 24 PART 2 MESSAGING Messages and channels Message Endpoints Getting down to business Go beyond sequential processing: routing and filtering Splitting and aggregating messages PART 3 INTEGRATING SYSTEMS Handling messages with XML payloads Spring Integration and the Java Message Service Email-based integration Filesystem integration Spring Integration and web services Chatting and tweeting PART 4 ADVANCED TOPICS Monitoring and management Managing scheduling and concurrency Batch applications and enterprise integration Scaling messaging applications with OSGi Testing

MASTERING ENTERPRISE JAVABEANS

John Wiley & Sons Includes more than 30 percent revised material and five new chapters, covering the new 2.1 features such as EJB Timer Service and JMS as well as the latest open source Java solutions The book was developed as part of TheServerSide.com online EJB community, ensuring a built-in audience Demonstrates how to build an EJB system, program with EJB, adopt best practices, and harness advanced EJB concepts and techniques, including transactions, persistence, clustering, integration, and performance optimization Offers practical guidance on when not to use EJB and how to use simpler, less costly open source technologies in place of or in conjunction with EJB

THE COMFORT CRISIS

EMBRACE DISCOMFORT TO RECLAIM YOUR WILD, HAPPY, HEALTHY SELF

Rodale Books "If you've been looking for something different to level up your health, fitness, and personal growth, this is it."—Melissa Urban, Whole30 CEO and New York Times bestselling author Discover the evolutionary mind and body benefits of living at the edges of your comfort zone and reconnecting with the wild. In many ways, we're more comfortable than ever before. But could our sheltered, temperature-controlled, overfed, underchallenged lives actually be the leading cause of many our most urgent physical and mental health issues? In this gripping investigation, award-winning journalist Michael Easter seeks out off-the-grid visionaries, disruptive genius researchers, and mind-body conditioning trailblazers who are unlocking the life-enhancing secrets of a counterintuitive solution: discomfort. Easter's journey to understand our evolutionary need to be challenged takes him to meet the NBA's top exercise scientist, who uses an ancient Japanese practice to build championship athletes; to the mystical country of Bhutan, where an Oxford economist and Buddhist leader are showing the world what death can teach us about happiness; to the outdoor lab of a young neuroscientist who's found that nature tests our physical and mental endurance in ways

that expand creativity while taming burnout and anxiety; to the remote Alaskan backcountry on a demanding thirty-three-day hunting expedition to experience the rewilding secrets of one of the last rugged places on Earth; and more. Along the way, Easter uncovers a blueprint for leveraging the power of discomfort that will dramatically improve our health and happiness, and perhaps even help us understand what it means to be human. The Comfort Crisis is a bold call to break out of your comfort zone and explore the wild within yourself.

GETTING STARTED WITH UNITY 5

Packt Publishing Ltd If you are a game developer interested in learning Unity 3D from scratch and becoming familiar with its core features, then this book is for you. No prior knowledge of Unity 3D is required.

HEAD FIRST SERVLETS AND JSP

PASSING THE SUN CERTIFIED WEB COMPONENT DEVELOPER EXAM

"O'Reilly Media, Inc." Looking to study up for the new J2EE 1.5 Sun Certified Web Component Developer (SCWCD) exam? This book will get you way up to speed on the technology you'll know it so well, in fact, that you can pass the brand new J2EE 1.5 exam. If that's what you want to do, that is. Maybe you don't care about the exam, but need to use servlets and JSPs in your next project. You're working on a deadline. You're over the legal limit for caffeine. You can't waste your time with a book that makes sense only AFTER you're an expert (or worse, one that puts you to sleep). Learn how to write servlets and JSPs, what makes a web container tick (and what ticks it off), how to use JSP's Expression Language (EL for short), and how to write deployment descriptors for your web applications. Master the <out> tag, and get a handle on exactly what's changed since the older J2EE 1.4 exam. You don't just pass the new J2EE 1.5 SCWCD exam, you'll understand this stuff and put it to work immediately. Head First Servlets and JSP doesn't just give you a bunch of facts to memorize; it drives knowledge straight into your brain. You'll interact with servlets and JSPs in ways that help you learn quickly and deeply. And when you're through with the book, you can take a brand-new mock exam, created specifically to simulate the real test-taking experience.

URBAN DRAINAGE

CRC Press Urban Drainage has been thoroughly revised and updated to reflect changes in the practice and priorities of urban drainage. New and expanded coverage includes: Sewer flooding The impact of climate change Flooding models The move towards sustainability Providing a descriptive overview of the issues involved as well as the engineering principles and analysis, it draws on real-world examples as well as models to support and demonstrate the key issues facing engineers dealing with drainage issues. It also deals with both the design of new drainage systems and the analysis and upgrading of existing infrastructure. This is a unique and essential textbook for students of water, environmental, and public health engineering as well as a valuable resource for practising engineers.

THE DEATH AND LIFE OF GREAT AMERICAN CITIES

Vintage Thirty years after its publication, The Death and Life of Great American Cities was described by The New York Times as "perhaps the most influential single work in the history of town planning....[It] can also be seen in a much larger context. It is first of all a work of literature; the descriptions of street life as a kind of ballet and the biting satiric account of traditional planning theory can still be read for pleasure even by those who long ago absorbed and appropriated the book's arguments." Jane Jacobs, an editor and writer on architecture in New York City in the early sixties, argued that urban diversity and vitality were being destroyed by powerful architects and city planners. Rigorous, sane, and delightfully epigrammatic, Jacobs's small masterpiece is a blueprint for the humanistic management of cities. It is sensible, knowledgeable, readable, indispensable. The author has written a new foreword for this Modern Library edition.

LIVING ON ONE ACRE OR LESS

HOW TO PRODUCE ALL THE FRUIT, VEGETABLES, MEAT, FISH AND EGGS YOUR FAMILY NEEDS

You don't need a huge parcel of land to start your own mini-farm and live more self-sufficiently. With an acre, or even a half-acre, you can juggle a job, family, and still grow fruit and veg and even have some chickens, pigs or sheep. Morgan takes the reader through the basics of a starting your own homestead, including planning and setting up, growing your own fruit and vegetables, keeping chickens, pigs and sheep-- all while making use of sustainable and organic principles. This inspirational book is perfect for anyone who aspires to take control of their food supply, or who wants to do more with the land they've got.

HANDBOOK FOR HEALTH CARE RESEARCH

Jones & Bartlett Learning "Handbook for Health Care Research, Second Edition, provides step-by-step guidelines for conducting and analyzing research, teaching students and practitioners how to implement research protocols and evaluate the results even if they lack experience or formal training in the research process. Features include easy reference of basic research procedures and definitions as well as information on how to determine the proper test to use and how to format information for computer entry. Statistical procedures and published findings are illustrated with real-world examples from health care practice in this user-friendly resource. Readers will also learn the research basics necessary to understand scientific articles in medical journals and discover how to write abstracts that will pass

peer review. Handbook for Health Care Research, Second Edition, is an excellent tool to help students and practitioners become "educated consumers" of research and apply the principles of scientific analysis to provide a sound basis for patient care." --Book Jacket.

HARD ROCK MINER'S HANDBOOK

ENGINEERING MATERIALS 2

AN INTRODUCTION TO MICROSTRUCTURES, PROCESSING AND DESIGN

Elsevier Provides a thorough explanation of the basic properties of materials; of how these can be controlled by processing; of how materials are formed, joined and finished; and of the chain of reasoning that leads to a successful choice of material for a particular application. The materials covered are grouped into four classes: metals, ceramics, polymers and composites. Each class is studied in turn, identifying the families of materials in the class, the microstructural features, the processes or treatments used to obtain a particular structure and their design applications. The text is supplemented by practical case studies and example problems with answers, and a valuable programmed learning course on phase diagrams.

THE ART OF PUBLIC SPEAKING

Samaira Book Publishers The Art of Public Speaking is a fantastic introduction to public speaking by the master of the art—Dale Carnegie. Featured within this classic manual are hundreds of tips and tricks on how to become an efficient and effective public speaker. One of the core ideas in his books is that it is possible to change other people's behavior by changing one's reaction to them. This is a fascinating work and is thoroughly recommended for everyone.

THE SHOCK ABSORBER HANDBOOK

John Wiley & Sons Every one of the many millions of cars manufactured annually worldwide uses shock absorbers, otherwise known as dampers. These form a vital part of the suspension system of any vehicle, essential for optimizing road holding, performance and safety. This, the second edition of the Shock Absorber Handbook (first edition published in 1999), remains the only English language book devoted to the subject. Comprehensive coverage of design, testing, installation and use of the damper has led to the book's acceptance as the authoritative text on the automotive applications of shock absorbers. In this second edition, the author presents a thorough revision of his book to bring it completely up to date. There are numerous detail improvements, and extensive new material has been added particularly on the many varieties of valve design in the conventional hydraulic damper, and on modern developments such as electrorheological and magnetorheological dampers. "The Shock Absorber Handbook, 2nd Edition" provides a thorough treatment of the issues surrounding the design and selection of shock absorbers. It is an invaluable handbook for those working in industry, as well as a principal reference text for students of mechanical and automotive engineering.

THE MARITIME ENGINEERING REFERENCE BOOK

A GUIDE TO SHIP DESIGN, CONSTRUCTION AND OPERATION

Elsevier The Maritime Engineering Reference Book is a one-stop source for engineers involved in marine engineering and naval architecture. In this essential reference, Anthony F. Molland has brought together the work of a number of the world's leading writers in the field to create an inclusive volume for a wide audience of marine engineers, naval architects and those involved in marine operations, insurance and other related fields. Coverage ranges from the basics to more advanced topics in ship design, construction and operation. All the key areas are covered, including ship flotation and stability, ship structures, propulsion, seakeeping and maneuvering. The marine environment and maritime safety are explored as well as new technologies, such as computer aided ship design and remotely operated vehicles (ROVs). Facts, figures and data from world-leading experts makes this an invaluable ready-reference for those involved in the field of maritime engineering. Professor A.F. Molland, BSc, MSc, PhD, CEng, FRINA. is Emeritus Professor of Ship Design at the University of Southampton, UK. He has lectured ship design and operation for many years. He has carried out extensive research and published widely on ship design and various aspects of ship hydrodynamics. * A comprehensive overview from best-selling authors including Bryan Barrass, Rawson and Tupper, and David Eyres * Covers basic and advanced material on marine engineering and Naval Architecture topics * Have key facts, figures and data to hand in one complete reference book

THE FEMALE BRAIN

Harmony Since Dr. Brizendine wrote The Female Brain ten years ago, the response has been overwhelming. This New York Times bestseller has been translated into more than thirty languages, has sold nearly a million copies between editions, and has most recently inspired a romantic comedy starring Whitney Cummings and Sofia Vergara. And its profound scientific understanding of the nature and experience of the female brain continues to guide women as they pass through life stages, to help men better understand the girls and women in their lives, and to illuminate the delicate emotional machinery of a love relationship. Why are women more verbal than men? Why do women remember details of fights that men can't remember at all? Why do women tend to form deeper bonds with their female friends than men do with their male counterparts? These and other questions have stumped both sexes throughout the ages. Now, pioneering neuropsychiatrist Louann Brizendine, M.D., brings together the latest findings to show how the unique

structure of the female brain determines how women think, what they value, how they communicate, and who they love. While doing research as a medical student at Yale and then as a resident and faculty member at Harvard, Louann Brizendine discovered that almost all of the clinical data in existence on neurology, psychology, and neurobiology focused exclusively on males. In response to the overwhelming need for information on the female mind, Brizendine established the first clinic in the country to study and treat women's brain function. In *The Female Brain*, Dr. Brizendine distills all her findings and the latest information from the scientific community in a highly accessible book that educates women about their unique brain/body/behavior. The result: women will come away from this book knowing that they have a lean, mean, communicating machine. Men will develop a serious case of brain envy.

COMPUTERS TAKE FLIGHT

A HISTORY OF NASA'S PIONEERING DIGITAL FLY-BY-WIRE PROJECT

United States Government Printing

EVALUATION OF EARTHQUAKE DAMAGED CONCRETE AND MASONRY WALL BUILDINGS

FEMA Following the two damaging California earthquakes in 1989 (Loma Prieta) and 1994 (Northridge), many concrete wall and masonry wall buildings were repaired using federal disaster assistance funding. The repairs were based on inconsistent criteria, giving rise to controversy regarding criteria for the repair of cracked concrete and masonry wall buildings. To help resolve this controversy, the Federal Emergency Management Agency (FEMA) initiated a project on evaluation and repair of earthquake damaged concrete and masonry wall buildings in 1996. The ATC-43 project addresses the investigation and evaluation of earthquake damage and discusses policy issues related to the repair and upgrade of earthquake damaged buildings. The project deals with buildings whose primary lateral-force-resisting systems consist of concrete or masonry bearing walls with flexible or rigid diaphragms, or whose vertical-load-bearing systems consist of concrete or steel frames with concrete or masonry infill panels. The intended audience is design engineers, building owners, building regulatory officials, and government agencies. The project results are reported in three documents. The FEMA 306 report, *Evaluation of Earthquake Damaged Concrete and Masonry Wall Buildings, Basic Procedures Manual*, provides guidance on evaluating damage and analyzing future performance. Included in the document are component damage classification guides, and test and inspection guides. FEMA 307, *Evaluation of Earthquake Damaged Concrete and Masonry Wall Buildings, Technical Resources*, contains supplemental information including results from a theoretical analysis of the effects of prior damage on single-degree-of-freedom mathematical models, additional background information on the component guides, and an example of the application of the basic procedures. FEMA 308, *The Repair of Earthquake Damaged Concrete and Masonry Wall Buildings*, discusses the policy issues pertaining to the repair of earthquake damaged buildings and illustrates how the procedures developed for the project can be used to provide a technically sound basis for policy decisions. It also provides guidance for the repair of damaged components.

STRUTS IN ACTION

BUILDING WEB APPLICATIONS WITH THE LEADING JAVA FRAMEWORK

Manning Publications Company Struts solves the most common problems of web development. By basing your application on the Struts web application framework, you can reuse proven solutions and focus on what's unique to your own case. Struts is an open-source product distributed by the Apache Software Foundation.

STEEL DESIGNERS' MANUAL FIFTH EDITION: THE STEEL CONSTRUCTION INSTITUTE

Wiley-Blackwell This classic manual for structural steelwork design was first published in 1956. Since then, it has sold many thousands of copies worldwide. The fifth edition is the first major revision for 20 years and is the first edition to be fully based on limit state design, now used as the primary design method, and on the UK code of practice, BS 5950. It provides, in a single volume, all you need to know about structural steel design.

THE MASTER GAME

PATHWAYS TO HIGHER CONSCIOUSNESS

Gateways Books & Tapes Explores the human psyche and the specific techniques through which one can achieve the highest possible levels of consciousness.

ENGINEERING MATERIALS 1

AN INTRODUCTION TO THEIR PROPERTIES AND APPLICATIONS

ROADSIDE DESIGN GUIDE

MATERIALS SELECTION IN MECHANICAL DESIGN

Pergamon 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.