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## KEY=GENERATION - SYDNEE HUFFMAN

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### SURF LIKE A GIRL

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*Prestel Publishing* Whether they're threading a barrel or shredding a swell, these amazing women are making enormous waves in the world of surfing. If you thought surfing was a male-dominated sport, think again. The thirty women surfers profiled in this thrilling collection can rip a wave with the best of them. Hailing from all over the world, each surfer is featured in spectacular photography and with their own inspirational words. There's American professional surfer Lindsay Steinriede on how her father's death has inspired her career; French board shaper Valerie Duprat on how she got her start "sculpting foam"; Conchita Rossler, founder of Mooana Retreat in Portugal, on connecting mind, body, and spirit; and Australian photographer Cait Miers on empowering women. You'll also meet surfers who are over sixty, who surf while pregnant, who captain boats, teach yoga, and make movies. Breathtaking photography captures these women from every angle, on and off the waves, in some of the world's most visually stunning locations. The perfect gift for surfing enthusiasts, this unique compilation of stunning pictures and hard-won wisdom proves that the thrill of catching a wave, riding it, and kicking out belongs to everyone.

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### THE NOMADIC DEVELOPER

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### SURVIVING AND THRIVING IN THE WORLD OF TECHNOLOGY CONSULTING

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*Addison-Wesley Professional* Learn the Real Secrets of Succeeding as a Software or IT Consultant in Any Economic Climate! Despite economic cycles, the idea of using technology to make a company more efficient and competitive—or perhaps even reach a new market—is appealing to all but the most desperate and cash-starved companies. More and more often, those companies look to technology consultants to fulfill their needs. There are real advantages to being a consultant. You make contacts with a lot of different people; you get exposure to many industries; and most important, unlike a software developer in the IT department for a brick-and-mortar company, as a technology consultant, you are the profit center...so long as you are billing. Consulting can be hugely rewarding—but it's easy to fail if you are unprepared. To succeed, you need a mentor who knows the lay of the land. Aaron Erickson is your mentor, and this is your guidebook. Erickson has done it all—from Practice Leadership to the lowest level project work. In *The Nomadic Developer*, he brings together his hardwon insights on becoming successful and achieving success through tough times and relentless change. You'll find 100% practical advice and real experiences—his own and annotations from those in the trenches. In addition, renowned consultants—such as David Chappell, Bruce Eckel, Deborah Kurata, and Ted Neward—share some of their hard-earned lessons. With this useful guidebook, you can Objectively assess whether the consultant's life makes sense for you Break into the business and build a career path that works Avoid the Seven Deadly Firms by identifying unscrupulous technology consultancies and avoiding their traps and pitfalls Understand the business models and mechanics that virtually all consulting firms use Master secret consulting success tips that are typically left unstated or overlooked Gain a competitive advantage by adding more value than your competitors Continue your professional development so you stay billable even during bad times Profit from both fixed-bid and time-and-materials projects Build a personal brand that improves your resiliency no matter what happens

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### PCB DESIGN FOR REAL-WORLD EMI CONTROL

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*Springer Science & Business Media* Proper design of printed circuit boards can make the difference between a product passing emissions requirements during the first cycle or not. Traditional EMC design practices have been simply rule-based, that is, a list of rules-of-thumb are presented to the board designers to implement. When a particular rule-of-thumb is difficult to implement, it is often ignored. After the product is built, it will often fail emission requirements and various time consuming and costly add-ons are then required. Proper EMC design does not require advanced degrees from universities, nor

does it require strenuous mathematics. It does require a basic understanding of the underlying principles of the potential causes of EMC emissions. With this basic understanding, circuit board designers can make trade-off decisions during the design phase to ensure optimum EMC design. Consideration of these potential sources will allow the design to pass the emissions requirements the first time in the test laboratory. A number of other books have been published on EMC. Most are general books on EMC and do not focus on printed circuit board design. This book is intended to help EMC engineers and design engineers understand the potential sources of emissions and how to reduce, control, or eliminate these sources. This book is intended to be a 'hands-on' book, that is, designers should be able to apply the concepts in this book directly to their designs in the real-world.

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### **WHAT GOOD ARE THE ARTS?**

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*Oxford University Press* A lively and stimulating invitation to debate the value of art offers a provocative study that will pique the interest of and inspire any reader who loves painting, music, or literature.

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### **BEAUTIFULLY RUINED**

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*CreateSpace* I feel I'm losing it all, everything I've kept near and dear--I'm shoving it away because I don't know how to keep my life in order anymore. What was simply fine and okay is no longer either. My world is growing into one black hole, dragging me down. I've discovered my monsters, I've found my demons, and to make sure no one goes down with me, I've given them an out. I've given Zephyr the out he deserves. But was it worth it? Just when Joey's life seemed to be getting better, one night sends her memory into overdrive. Not able to cope, she pushes away the only friend she could count on and tries to cut out all the rest. When a new student walks into her class and is assigned the seat next to hers, Joey's not sure whether punch him or kick him below the belt with how forward he is. All this while fighting the urge to go back and beg Zephyr to be hers again. When the unthinkable happens, she has a hard decision to make--the hardest she's ever had to make: to stay or go.

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### **HER TENDER TYRANT**

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*Elizabeth Lennox Books LLC* Marcus moved through life expecting everything to be logical. Science could explain everything and he'd learned to make enormous profits understanding science. So when he runs into the illogical Juliette, his mind has a hard time understanding why she would walk down the street singing and dancing. There wasn't any music! But no matter how much he craved logic and reason, his body craved Juliette more. Juliette is fascinated by Marcus's stoicism. How could he walk down the street and not feel the joy in the sunshine? How could he ignore the sounds of the grasshoppers and birds? Or smile at the perfection of a flower? And how could her mind and body need a man who didn't understand the joy of living life for the moment? Enjoy the fifth book in The Alfieri Saga!

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### **INTRODUCTION TO CRYSTALLOGRAPHY**

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*Courier Corporation* Clear, concise explanation of logical development of basic crystallographic concepts. Topics include crystals and lattices, symmetry, x-ray diffraction, and more. Problems, with answers. 114 illustrations. 1969 edition.

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### **WITH AMUSEMENT FOR ALL**

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#### **A HISTORY OF AMERICAN POPULAR CULTURE SINCE 1830**

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*University Press of Kentucky* With Amusement for All contextualizes what Americans have done for fun since 1830, showing the reciprocal nature of the relationships among social, political, economic, and cultural forces and the ways in which the entertainment world has reflected, changed, or reinforced the values of American society.

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#### **A TRAVEL COMPANION TO THE NORTHERN AREAS OF PAKISTAN**

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*Oxford University Press, USA* This book is an account of travels through the northern mountains and valleys of Pakistan. It is a travelogue as well as a guide. Each chapter is followed by a key with essential travel conditions, accommodation and security precautions required.

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### **ROAR AT THE ZOO!**

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*Discovery 10 Button* "There are 10 noisy zoo animals to discover in this bright, interactive book. Little ones will love looking at the pictures, pressing the buttons, and roaring along with the tiger!"--Page [4]

cover.

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## **DESIGNING AND EVALUATING USABLE TECHNOLOGY IN INDUSTRIAL RESEARCH**

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### **THREE CASE STUDIES**

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*Morgan & Claypool Publishers* This book is about HCI research in an industrial research setting. It is based on the experiences of two researchers at the IBM T. J. Watson Research Center. Over the last two decades, Drs. John and Clare-Marie Karat have conducted HCI research to create innovative usable technology for users across a variety of domains. We begin the book by introducing the reader to the context of industrial research as well as a set of common themes or guidelines to consider in conducting HCI research in practice. Then case study examples of HCI approaches to the design and evaluation of usable solutions for people are presented and discussed in three domain areas: - item Conversational speech technologies, - item Personalization in eCommerce, and - item Security and privacy policy management technologies In each of the case studies, the authors illustrate and discuss examples of HCI approaches to design and evaluation that worked well and those that did not. They discuss what was learned over time about different HCI methods in practice, and changes that were made to the HCI tools used over time. The Karats discuss trade-offs and issues related to time, resources, and money and the value derived from different HCI methods in practice. These decisions are ones that need to be made regularly in the industrial sector. Similarities and differences with the types of decisions made in this regard in academia will be discussed. The authors then use the context of the three case studies in the three research domains to draw insights and conclusions about the themes that were introduced in the beginning of the book. The Karats conclude with their perspective about the future of HCI industrial research. Table of Contents: Introduction: Themes and Structure of the Book / Case Study 1: Conversational Speech Technologies: Automatic Speech Recognition (ASR) / Case Study 2: Personalization in eCommerce / Case Study 3: Security and Privacy Policy Management Technologies / Insights and Conclusions / The Future of Industrial HCI Research

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### **PROGRAMMING RAZOR**

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#### **TOOLS FOR TEMPLATES IN ASP.NET MVC OR WEBMATRIX**

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"O'Reilly Media, Inc." Take Razor for a test drive and discover first hand how this scripting syntax simplifies the way you create dynamic, data-driven websites. With this concise guide, you'll work with Razor syntax by building example websites with Microsoft WebMatrix and ASP.NET MVC. You'll quickly learn how Razor lets you combine code and content in a fluid and expressive manner on Windows-based servers. Programming Razor also explores components of the Razor API, and shows you how Razor templates are turned into rendered HTML. By the end of this book, you'll be able to create Razor-based websites with custom extensions that meet the specific needs of your projects. Use Razor with Microsoft WebMatrix to build a working blog, complete with data Organize and manage your web application, using Razor features for layouts, sections, and partial views Create clean and effective ASP.NET MVC views with the Razor View Engine Learn how the Razor API interprets Razor templates and turns them into executable .NET code Implement advanced techniques for exposing reusable code and sharing ASP.NET MVC views across projects

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### **HOME, SCHOOL, AND COMMUNITY RELATIONS**

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*Cengage Learning* This practical, comprehensive text is an indispensable guide for home-school-community collaborations. HOME, SCHOOL, & COMMUNITY RELATIONS, 9th Edition, meets the needs of teachers and administrators who desire to create effective, culturally-competent partnerships with diverse families, and helps to prepare future teachers for their careers. It provides an overview of modern families and their complex roles and beliefs to sensitize teachers to the diversity and needs of families they will encounter, including multilingual, multiethnic, multigenerational, and gender-diverse families from different socioeconomic backgrounds. The text fully discusses both the benefits of creating productive partnerships and the barriers that teachers must overcome. Abundant examples clarify the book's practical and effective communication strategies. Current developments in the field of early childhood education are emphasized, including brain research and development, legislative mandates in education, professional standards of the field, and strategies for working with families of students with diverse learning needs. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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### **EFFECTIVE LEAS AND SCHOOL IMPROVEMENT**

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#### **MAKING A DIFFERENCE**

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*Psychology Press* An overview of the work of the inspection and advisory services as they relate to the LEAs and other involved parties such as the DfEE, OFSTED, schools and governing bodies.

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## **EPIGENETICS IN BIOLOGY AND MEDICINE**

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*CRC Press* Anomalous epigenetic patterns touch many areas of study including biomedical, scientific, and industrial. With perspectives from international experts, this resource offers an all-inclusive overview of epigenetics, which bridge DNA information and function by regulating gene expression without modifying the DNA sequence itself. *Epigenetics, in its*

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## **ELECTRICAL AND ELECTRONIC MEASUREMENTS**

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*PHI Learning Pvt. Ltd.* In this modern scientific world a thorough understanding of complex measurements and instruments is the need of the hour. This book provides a comprehensive coverage of the concepts and principles of measurements and instrumentation, and brings into focus the recent and significant developments in this field. The book presents an exhaustive exposition of different types of measuring instruments and their applications in an easy-to-grasp manner. It presents even the minute details of various measurement techniques and calibration methods, which are the essential features of a measurement programme. The book elaborates on the theoretical background and practical knowledge of different measuring instruments to make the students accustomed to these devices. An in-depth coverage of topics makes the text useful to somewhat more advanced courses and its elaborated methodology will help students meet the challenges in their career. This book is ideally suitable for undergraduate students (BE/B.Tech.) of Electrical, Electronics and Instrumentation and Control disciplines of engineering. It can be also used as reference book for the cable testing, testing of instruments transformers, testing of energy meters and measurement of physical variables. **KEY FEATURES :** Gives a number of chapter-end review questions and numerical problems for practice. Includes plenty of diagrams to clarify the concepts. Contains about 250 problems and 200 solved examples for the benefit of the students.

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## **RESIDENTIAL BUILDING CODES ILLUSTRATED**

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### **A GUIDE TO UNDERSTANDING THE 2009 INTERNATIONAL RESIDENTIAL CODE**

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*John Wiley & Sons* An easy-to-use illustrated guide to building codes for residential structures As the construction industry moves to a single set of international building codes, architects and construction professionals need an interpretive guide to understand how the building code affects the early design of specific projects. This newest addition to Wiley's series of focused guides familiarizes code users with the 2009 International Residential Code® (IRC) as it applies to residential buildings. The book provides architects, engineers, and other related building professionals with an understanding of how the International Residential Code was developed, and how it is likely to be interpreted when applied to the design and construction of residential buildings. • User-friendly visual format that makes finding the information you need quick and easy • The book's organization follows the 2009 International Residential Code itself • Nearly 900 illustrations, by architectural illustrator Steven Juroszek in the style of noted illustrator and author Frank Ching, visualize and explain the codes • Text written by experienced experts who have been instrumental in gaining acceptance for the new unified building code This book is an essential companion to the IRC for both emerging practitioners and experienced practitioners needing to understand the new IRC.

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## **ENVIRONMENTAL AND TECHNOLOGY POLICY IN EUROPE**

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### **TECHNOLOGICAL INNOVATION AND POLICY INTEGRATION**

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*Springer Science & Business Media* This book contains six studies on various national environmental policies and environment-oriented technology policy systems in Austria, Denmark, Germany, the Netherlands, Spain, and the United Kingdom, sandwiched between this introductory and a concluding chapter. These studies were conducted as part of the ENVINNO research project, "Towards an Integration of Environmental and Ecology-Oriented Technology Policy: Stimulus and Response in Environment Related Innovation Networks", which formed part of the Targeted Social and Economic Research (TSER) Programme of Directorate-General XII of the European Commission, now 1 Directorate-General for Research. We like to thank Mrs. Genevieve Zdrojewski of GD Directorate-General Research for her kind support of our research project. The project was carried out between 1998 and 2001 by research teams from the six countries. The co-ordinating institute was the Department of Environmental Economics and Management at the Vienna University of Economics and Business Administration. At this place we want to mention all researchers involved in the ENVINNO project and we want to thank them all for their contributions to this book and the project and for the good time we have had performing the project and meeting each other at regular intervals in Vienna (A), Enschede (NL), Berlin (D), and Sevilla (E). Department of Environmental Economics and Management at the Vienna University of Economics and Business Administration in Austria: • Univ. Prof. Dr. Uwe Schubert, • Mag. Judith Kock, • Mag. Jiirgen Mellitzer, 1 Under contract-number SOE1-CT98-110S. 2 The project website is <http://www.wu-wien.ac.at/wwu/institute/iuwIENVINNO>.

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## **CONCEPTS FROM TENSOR ANALYSIS AND DIFFERENTIAL GEOMETRY**

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*Elsevier* Concepts from Tensor Analysis and Differential Geometry discusses coordinate manifolds, scalars, vectors, and tensors. The book explains some interesting formal properties of a skew-symmetric

tensor and the curl of a vector in a coordinate manifold of three dimensions. It also explains Riemann spaces, affinely connected spaces, normal coordinates, and the general theory of extension. The book explores differential invariants, transformation groups, Euclidean metric space, and the Frenet formulae. The text describes curves in space, surfaces in space, mixed surfaces, space tensors, including the formulae of Gauss and Weingarten. It presents the equations of two scalars  $K$  and  $Q$  which can be defined over a regular surface  $S$  in a three dimensional Riemannian space  $R$ . In the equation, the scalar  $K$ , which is an intrinsic differential invariant of the surface  $S$ , is known as the total or Gaussian curvature and the scalar  $U$  is the mean curvature of the surface. The book also tackles families of parallel surfaces, developable surfaces, asymptotic lines, and orthogonal ennuples. The text is intended for a one-semester course for graduate students of pure mathematics, of applied mathematics covering subjects such as the theory of relativity, fluid mechanics, elasticity, and plasticity theory.

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### **PRACTITIONER'S GUIDE TO ASSESSING INTELLIGENCE AND ACHIEVEMENT**

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*John Wiley & Sons* A complete guide to key intelligence and achievement tests and their effective use The tools used in the assessment process have changed dramatically in recent years. School and clinical psychologists need a comprehensive yet focused resource to which they can turn to learn the basics of key intelligence and achievement tests and how to use them in their assessments of children and adults. With its practical and straightforward presentation, Practitioner's Guide to Assessing Intelligence and Achievement provides that resource. Coedited by two well-known and respected scholars and researchers, Jack Naglieri and Sam Goldstein, the content in this timely book combines traditional and new conceptualizations of intelligence as well as ways to measure achievement. Truly readable and user-friendly, this book provides professionals with a single source from which to examine ability and achievement tests along the same general criteria. Each chapter is written by a leading scholar and test developer and is consistently structured for easy comparison of each test that is examined. Coverage includes: The theory underlying each test Description of each test Tips for administering and scoring each test Standardization, norms, and reliability of each scale Practical guidance for the use of each test Correspondence of each test to IDEA A practical tool designed to aid clinical psychologists in understanding the strengths and weaknesses of the various tests presented, Practitioner's Guide to Assessing Intelligence and Achievement provides students and practitioners with the information they need for their practice and testing efforts to be consistent with recent updates in the field and how those assessment instruments relate to changes in the laws that influence test use.

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### **CREATING VISTA GADGETS**

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### **USING HTML, CSS AND JAVASCRIPT WITH EXAMPLES IN RSS, AJAX, ACTIVEX (COM) AND SILVERLIGHT**

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*Sams Publishing* Provides information on using the Microsoft Gadget platform to create single-purpose applications that reside on the Vista Desktop or Sidebar.

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### **COMPLEXITY DEMYSTIFIED**

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### **A GUIDE FOR PRACTITIONERS**

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*Triarchy Press Limited* Practitioners often say: 'We need to do something differently but are not sure what to do or how to do it' and 'Scientists explain complexity but don't tell you what to do in practical terms'. This book has been written to offer solutions for these practitioners - to provide an Approach for 'putting complexity to work'. Practice is, de facto, determined by changing contexts. In a specific instance, what needs doing will depend on the circumstances, and cannot be bounded or decided in advance. But when most auditors, donors or managers demand tangible, target-driven results within a fixed time frame, how can practitioners convince them that working with the open principles of complexity will lead to more successful and sustainable solutions? This book is not 'yet another' complexity book. What it offers is an in-depth, systematic, Framework that practitioners can use to focus on the dynamic phenomena already active in their working context, to be able to shape and influence these phenomena 'on the fly'. The authors present six case studies, including the UK Fuel Crisis (2000) and the 2010 Gulf of Mexico Oil Spill. Their Approach reveals a clear understanding of the stresses and strains that were felt throughout the crises and how these might have been handled differently had an appreciation of the underlying complexity been part of standard practice. Drawn from their own experiences and those of other practitioners, and to bridge the gap between theory, experience and practice, the authors have produced a clear and erudite 'bible' for realising the inherent benefits of 'putting complexity to work'.

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### **SELF**

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### **A STUDY IN ETHICS AND ENDOCRINOLOGY**

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*Elsevier* SELF: A Study in Ethics and Endocrinology considers the psycho-physical mechanisms and reactions in human nature and destiny. This book is composed of seven chapters and begins with a description of the complexity of human body and mind, specifically their physical basis and nature of functioning. These topics are followed by a presentation on the issues of homosexuality and

hermaphroditism in human, as well as the role of endocrine system in these issues. The discussion then shifts to the psychiatric and psychological aspects of diverse human personality. A chapter examines the psychological distinction between male and female mind functioning. The last chapter focuses on the central problem of human ethics, the so-called "free will". This book will prove useful to psychologists, psychiatrists, and research workers who are interested in human nature.

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### **CCNA VOICE LAB MANUAL**

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*Cisco Press* The CCNA® Voice certification expands your CCNA-level skill set to prepare for a career in voice networking. This lab manual helps to prepare you for the Introducing Cisco Voice and Unified Communications Administration (ICOMM v8.0) certification exam (640-461). CCNA Voice Lab Manual gives you extensive hands-on practice for developing an in-depth understanding of voice networking principles, tools, skills, configurations, integration challenges, and troubleshooting techniques. Using this manual, you can practice a wide spectrum of tasks involving Cisco Unified Communications Manager, Unity Connection, Unified Communications Manager Express, and Unified Presence. CCNA Voice Lab Manual addresses all exam topics and offers additional guidance for successfully implementing IP voice solutions in small-to-medium-sized businesses. CCNA Voice 640-461 Official Exam Certification Guide, Second Edition ISBN-13: 978-1-58720-417-3 ISBN-10: 1-58720-417-7 CCNA Voice Portable Command Guide ISBN-13: 978-1-58720-442-5 ISBN-10: 1-58720-442-8 Configuring Cisco Unified Communications Manager and Unity Connection: A Step-by-Step Guide, Second Edition ISBN-13: 978-1-58714-226-0 ISBN-10: 1-58714-226-0 CCNA Voice Quick Reference ISBN-13: 978-1-58705-767-0 ISBN-10: 1-58705-767-0

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### **DEEP LIFE**

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### **THE HUNT FOR THE HIDDEN BIOLOGY OF EARTH, MARS, AND BEYOND**

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*Princeton University Press* APPENDIX A: Chronology of the Exploration of Subsurface Life -- APPENDIX B: Chronology of the Meeting of the U.S. DOE's SSP Meetings -- NOTES -- REFERENCES -- INDEX

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### **REAL LIFE BEGINS AFTER HIGH SCHOOL**

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### **FACING THE FUTURE WITHOUT FREAKING OUT**

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*Vine Books* This total independence thing really sneaks up on you. One minute you're picking out prom gear, cramming for finals, and screaming for your kid brother to get out of the bathroom. Then it hits you. In a few months, I'll be out of here!

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### **SOCIOLOGY FOR PHARMACISTS**

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### **AN INTRODUCTION**

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*CRC Press* *Sociology for Pharmacists: An Introduction* is written specifically for professionals and students in pharmacy who are newcomers to the study of sociology. It introduces the key concepts of sociology and demonstrates their importance and application to pharmacy practice in the 21st century. It is unique in its role as the only text to introduce sociology specifically to pharmacists. Rather than an exhaustive treatment, the book provides a concise introduction to major perspectives in sociology—drawing on research evidence pertaining to health, illness, and professional practice—which will inform and enhance pharmacy practice. It offers an overview of sociology for rather than sociology of pharmacy, and will both inform practitioners and stimulate informed research into the social aspects of pharmacy practice. Key issues covered include: Key sociological concepts and perspectives Contemporary developments in pharmacy practice and pharmacy's professional status A review of research into the way people react to illness and look after their health How and why illness and disease are influenced by gender, ethnicity, and social class Health education and pharmacists' role in promoting health and ensuring appropriate medicine usage Social research methods Pharmacists are frequently encouraged to broaden their day-to-day practice. This timely book does just that by encouraging pharmacists to become more involved with advising clients, managing medicines, and supporting the promotion of health. In addition to providing an overview of these topics, the book also reviews the relevant research, and directs readers to further information.

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### **COMPARATIVE OSTEOLOGY**

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### **A LABORATORY AND FIELD GUIDE OF COMMON NORTH AMERICAN ANIMALS**

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*Academic Press* In the forensic context it is quite common for nonhuman bones to be confused with human remains and end up in the medical examiner or coroner system. It is also quite common for

skeletal remains (both human and nonhuman) to be discovered in archaeological contexts. While the difference between human and nonhuman bones is often very striking, it can also be quite subtle. Fragmentation only compounds the problem. The ability to differentiate between human and nonhuman bones is dependent on the training of the analyst and the available reference and/or comparative material. Comparative Osteology is a photographic atlas of common North American animal bones designed for use as a laboratory and field guide by the forensic scientist or archaeologist. The intent of the guide is not to be inclusive of all animals, but rather to present some of the most common species which also have the highest likelihood of being potentially confused with human remains. An affordably priced, compact laboratory/field manual, comparing human and nonhuman bones Contains almost 600 high-quality black and white images and diagrams, including inch and centimeter scales with each photograph Written by the foremost forensic scientists with decades of experience in the laboratory and as expert witnesses An additional Companion Web site hosts images from the volume the reader can magnify and zoom into to see specific landmarks and features on bones <http://booksite.academicpress.com/9780123884374>

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## **CLOJURE HIGH PERFORMANCE PROGRAMMING**

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*Packt Publishing Ltd* Become an expert at writing fast and high performant code in Clojure 1.7.0 About This Book Enhance code performance by using appropriate Clojure features Improve the efficiency of applications and plan their deployment A hands-on guide to designing Clojure programs to get the best performance Who This Book Is For This book is intended for intermediate Clojure developers who are looking to get a good grip on achieving optimum performance. Having a basic knowledge of Java would be helpful. What You Will Learn Identify performance issues in Clojure programs using different profiling tools Master techniques to achieve numerical performance in Clojure Use Criterium library to measure latency of Clojure expressions Exploit Java features in Clojure code to enhance performance Avoid reflection and boxing with type hints Understand Clojure's concurrency and state-management primitives in depth Measure and monitor performance, and understand optimization techniques In Detail Clojure treats code as data and has a macro system. It focuses on programming with immutable values and explicit progression-of-time constructs, which are intended to facilitate the development of more robust programs, particularly multithreaded ones. It is built with performance, pragmatism, and simplicity in mind. Like most general purpose languages, various Clojure features have different performance characteristics that one should know in order to write high performance code. This book shows you how to evaluate the performance implications of various Clojure abstractions, discover their underpinnings, and apply the right approach for optimum performance in real-world programs. It starts by helping you classify various use cases and the need for them with respect to performance and analysis of various performance aspects. You will also learn the performance vocabulary that experts use throughout the world and discover various Clojure data structures, abstractions, and their performance characteristics. Further, the book will guide you through enhancing performance by using Java interoperability and JVM-specific features from Clojure. It also highlights the importance of using the right concurrent data structure and Java concurrency abstractions. This book also sheds light on performance metrics for measuring, how to measure, and how to visualize and monitor the collected data. At the end of the book, you will learn to run a performance profiler, identify bottlenecks, tune performance, and refactor code to get a better performance. Style and approach An easy-to-follow guide full of real-world examples and self-sufficient code snippets that will help you get your hands dirty with high performance programming with Clojure.

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## **RNA TURNOVER IN EUKARYOTES: NUCLEASES, PATHWAYS AND ANALYSIS OF MRNA DECAY**

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*Academic Press* Specific complexes of protein and RNA carry out many essential biological functions, including RNA processing, RNA turnover, RNA folding, as well as the translation of genetic information from mRNA into protein sequences. Messenger RNA (mRNA) decay is now emerging as an important control point and a major contributor to gene expression. Continuing identification of the protein factors and cofactors, and mRNA instability elements responsible for mRNA decay allow researchers to build a comprehensive picture of the highly orchestrated processes involved in mRNA decay and its regulation. Covers the nonsense-mediated mRNA decay (NMD) or mRNA surveillance pathway Expert researchers introduce the most advanced technologies and techniques to identify mRNA processing, transport, localization and turnover, which are central to the process of gene expression Offers step-by-step lab instructions, including necessary equipment and reagents

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## **CCNA WIRELESS 200-355 OFFICIAL CERT GUIDE**

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*Cisco Press* Trust the best selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. This series is built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. Master Cisco CCNA Wireless 200-355 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks This is the eBook edition of the CCNA Wireless 200-355 Official Cert Guide. This eBook does not include the companion DVD with practice exam that comes with the print edition. CCNA Wireless 200-355 Official Cert Guide presents you with an organized test-preparation routine through the use of proven series elements and techniques. "Do I Know This Already?" quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. CCNA Wireless 200-355 Official Cert Guide focuses specifically on the objectives for the Cisco CCNA WIFUND exam. Leading network engineer and best-selling Cisco certification author David Hucaby shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. Well regarded for its level of detail, assessment features, comprehensive design scenarios, and

challenging review questions and exercises, this official study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The official study guide helps you master all the topics on the CCNA WIFUND 200-355 exam, including RF signals, modulations, standards, and performance Antenna theory Wireless LAN topologies and 802.11 frame types Wireless AP coverage planning Cisco wireless architectures Autonomous, cloud, and controller-based deployments Controller discovery, roaming, and RRM Wireless security WLAN configuration Wireless guest network implementation Client connectivity Cisco wireless network management Troubleshooting interference and connectivity CCNA Wireless 200-355 Official Cert Guide is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit <http://www.cisco.com/web/learning/index.html>.

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### **THE ROADSIDE ROAD BIKE MAINTENANCE MANUAL**

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*Falcon Guides* Provides road bike enthusiasts with step-by-step guidance to maintaining and repairing their bikes, combining an easy-to-use format and design with high quality photographs of the latest equipment, tools and techniques. Understanding how to maintain a road bike is a necessary skill. This book guides the reader through every repair possible and give tips on how to spot the early warning signs of trouble so that the problem can be fixed before it leads to costly replacements. The spiral bound design allows the book open flat so the reader can easily follow the fully illustrated step-by-step guidance. It is the perfect reference manual for the workshop or the backpack with lots of tips on how to conduct quick repairs for trouble out on the road.

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### **STANDARD C++ IOSTREAMS AND LOCALES**

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### **ADVANCED PROGRAMMER'S GUIDE AND REFERENCE**

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*Addison-Wesley Professional* Standard C++ provides a foundation for creating new, improved, and more powerful C++ components. IOStreams and locales are two such major components for text internationalization. As critical as these two APIs are, however, there are few resources devoted to explaining them. "Standard C++ IOStreams and Locales" fills this informational gap. It provides a comprehensive description of, and reference to, the iostreams and locales classes, showing how to put them to use and offering advanced information on customizing and extending their basic operation. Written by two experts involved with the development of the standard, this book reveals the rationale behind the design of the APIs and points out their potential pitfalls. This book serves as both a guide and a reference to C++ components. Part I explains iostreams, what they are, how they are used, their underlying architectural concepts, and the techniques for extending the iostream framework. Part II introduces internationalization and shows you how to adapt your program to local conventions. Readers seeking an initial overview of the problem domain will find an explanation of what internationalization and localization are, how they are related, and how they differ. With examples, the authors show the differences among cultural conventions, how C++ locales can be used to address such differences, and how locale framework can be extended to handle further, nonstandard cultural conventions. "Standard C++ IOStreams and Locales" Explains formatting and error indication features of iostreams in detail Describes underlying concepts of the iostreams framework Demonstrates implementation of i/o operations for user-defined types Shows techniques for implementing extended stream and stream buffer classes Introduces internationalization Explains how to use standard features for internationalization Demonstrates techniques for implementation of user-defined internationalization services IOStreams and locales serve as a foundation library that provides a number of ready-to-use interfaces, as well as frameworks that can be customized and extended. The class reference to C++ IOStreams and locales completes this comprehensive resource, which belongs in the libraries of all intermediate and advanced C++ programmers. 0201183951B04062001

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### **CERAMIC INTEGRATION AND JOINING TECHNOLOGIES**

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### **FROM MACRO TO NANOSCALE**

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*John Wiley & Sons* This book joins and integrates ceramics and ceramic-based materials in various sectors of technology. A major imperative is to extract scientific information on joining and integration response of real, as well as model, material systems currently in a developmental stage. This book envisions integration in its broadest sense as a fundamental enabling technology at multiple length scales that span the macro, millimeter, micrometer and nanometer ranges. Consequently, the book addresses integration issues in such diverse areas as space power and propulsion, thermoelectric power generation, solar energy, micro-electro-mechanical systems (MEMS), solid oxide fuel cells (SOFC), multi-chip modules, prosthetic devices, and implanted biosensors and stimulators. The engineering challenge of designing and manufacturing complex structural, functional, and smart components and devices for the above applications from smaller, geometrically simpler units requires innovative development of new integration technology and skillful adaptation of existing technology.

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### **CATHOLIC LITERARY GIANTS**

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**A FIELD GUIDE TO THE CATHOLIC LITERARY LANDSCAPE**

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*Ignatius Press* In *Catholic Literary Giants*, Joseph Pearce takes the reader on a dazzling tour of the creative landscape of Catholic prose and poetry. Covering the vast and impressive terrain from Dante to Tolkien, from Shakespeare to Waugh, this book is an immersion into the spiritual depths of the Catholic literary tradition with one of today's premier literary biographers as our guide. Focusing especially on the literary revival of the twentieth century, Pearce explores well-known authors such as G.K. Chesterton, Graham Greene and J.R.R. Tolkien, while introducing lesser-known writers Roy Campbell, Maurice Baring, Owen Barfield and others. He even includes the new saint, Pope John Paul II, who wrote many literary and poetic pieces, among them the story that was made into a feature film, *The Jeweler's Shop*.

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**EMERGENCY FIRST RESPONDER RESPIRATOR THERMAL CHARACTERISTICS**

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**WORKSHOP PROCEEDINGS**

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*Createspace Independent Publishing Platform* The purpose of this workshop was to identify performance needs and establish research priorities to address the thermal characteristics of respiratory equipment used by emergency first responders. The workshop provided a forum for representatives from the first responder community, self contained breathing apparatus (SCBA) and component manufacturers, and research and testing experts to discuss issues, technologies, and research associated with SCBA high temperature performance. The goals of the workshop were defined in two parts: 1) Clarify baseline information, including the current state-of-the-art, applicable fire service events, and current related research, and 2) Research planning, including identification of performance needs and short and long term research priorities. Presentations were given to explain the current SCBA and certification process, understand experience from actual fire service incidents, and review the current state of respirator research. After the presentations, the workshop divided into three working group sessions to discuss performance needs and research priorities in smaller groups. Suggested topics for discussion included: a) Current Equipment, b) Current Practice and Usage, c) Future Trends, d) Short Term Research Needs, e) Long Term Research Needs, and f) other issues. The results of the three smaller groups' deliberations were discussed when the full workshop reconvened. The responses from each group were merged into a combination of issues that related to the use and performance of the lens of the SCBA. The primary concerns and research priorities were the characterization of the fire fighter environment, performance of current and new technology, development of representative and realistic testing, and improvements to fire fighter training on the limitations of protective equipment. A significant amount of discussion concentrated on the testing for NFPA certification, which currently contains limited thermal testing.

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**DERMATOLOGY: JUST THE FACTS**

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*McGraw Hill Professional* This useful quick-reference presents all of the key concepts physicians and residents need to know for board certification, re-certification, and general review. Provides a quick synopsis of the most important skin conditions for non-dermatologists. Detailed table of contents and a consistent bulleted format allows instant information retrieval. Coverage includes epidemiology, pathophysiology, clinical features, diagnosis, and treatment.

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**SIGNALS, SWITCHES, REGULONS, AND CASCADES**

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**CONTROL OF BACTERIAL GENE EXPRESSION**

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*Cambridge University Press* Publisher Description

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**ENGINEER-IN-TRAINING REFERENCE MANUAL**

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*Professional Publications Incorporated* More than 300,000 engineers have relied on the Engineer-In-Training Reference Manual to prepare for the FE/EIT exam. The Reference Manual provides a broad review of engineering fundamentals, emphasizing subjects typically found in four- and five-year engineering degree programs. Each chapter covers one subject with solved example problems illustrating key points. Practice problems at the end of every chapter use both SI and English units. Solutions are in the companion Solutions Manual. Comprehensive review of thousands of engineering topics, including FE exam topics Over 980 practice problems More than 590 figures Over 400 solved sample problems Hundreds of tables and conversion formulas More than 2,000 equations and formulas A detailed 7,000-item index for quick reference For additional discipline-specific FE study tools, please visit [feprep.com](http://feprep.com). Since 1975, more than 2 million people have entrusted their exam prep to PPI. For more information, visit us at [ppi2pass.com](http://ppi2pass.com).

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**ENGAGING THE EXTRATERRESTRIALS**

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**FORBIDDEN HISTORY OF ET EVENTS, PROGRAMMES AND AGENDAS**

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*Xlibris Us* The popular theme of this book deals with the underlying causes of mysteries and unresolved questions of great interest to both the layman and serious scholar that have become commonplace in our society. Topics range from scientific enigmas--such as the moon and the origins of the Great Pyramid and Sphinx--to religious contradictions on the life of Jesus, the nature of the soul, heaven and hell and the popular conundrums, such as the Bermuda Triangle, Stonehenge, etc., with a thorough review of notorious 9/11 event, revealing the true underlying menace. However, while exploring these fascinating subjects, their hidden agendas are exposed, revealing a history of gross manipulations assisted by the role of mythology, and how this is concealed within media politics, covert politics and exo-politics, combining the activities of HAARP, the Illuminati, and MJ-12, etc., finalizing with what is in store for the human race.