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This lively textbook differs from others on the subject by its usefulness as a conceptual and mathematical preparation for the study of quantum mechanics, by its emphasis on a variety of learning tools aimed at fostering the student's self-awareness of learning, and by its frequent connections to current research. This edited volume investigates knowledge networks based on materials and associated technologies in Prehistoric Europe and the Classical Mediterranean. It emphasises the significance of material objects to the construction, maintenance, and collapse of networks of various forms – which are central to explanations of cultural contact and change. Focusing on the materiality of objects and on the way in which materials are used adds a multidimensional quality to networks. The properties, functions, and styles of different materials are intrinsically linked to the way in which knowledge flows and technologies are transmitted. Transmission of technologies from one craft to another is one of the main drivers of innovation, whilst sharing knowledge is enabled and limited by the extent of associated social networks in place. Archaeological research has often been limited to studying objects made of one particular material in depth, be it lithic materials, ceramics, textiles, glass, metal, wood or others. The knowledge flow and transfer between crafts that deal with different materials have often been overlooked. This book takes a fresh approach to the reconstruction of knowledge networks by integrating two or more craft traditions in each of its chapters. The authors, well-known experts and early career researchers, provide concise case studies that cover a wide range of materials. The scope of the book extends from networks of craft traditions to implications for society in a wider sense: materials, objects, and the technologies used to make and distribute them are interwoven with social meaning. People make objects, but objects make people – the materiality of objects shapes our understanding of the world and our place within it. In this book, objects are treated as clues to social networks of different sorts that can be contrasted and compared, both spatially and diachronically.
Object Oriented Modular Programming using HTML5, CSS3, JavaScript, XML, JSON, and MySQL
Developing Safety-Critical Software
A Practical Guide for Aviation Software and DO-178C Compliance

Forgiveness is the most attractive of the virtues. Until you actually have someone to forgive. When Melissa Stonelea's born-again Christian husband Grant is found strangled in the bondage room of the city's classiest brothel, a page of the Bible stuffed in his mouth, she doesn't need to hear more of her pastor's sermons on the healing powers of forgiveness. She needs revenge. Enter private detective Johnny Ravine, seeking the quiet life in Australia after more than twenty years as a freedom fighter in East Timor. The murdered man was his best friend. But, as he starts to investigate the slaying, a mysterious phone call and then a bullet through his window plunge him into the heart of a deadly terrorist conspiracy. Suddenly he finds himself locked inside a shady world of stock market manipulators, sex workers and

underground militia, while desperately hunting the killers. But Johnny is concealing a violent past and demons of his own. Can he crack the mystery before he himself cracks?

Next Generation Sequencing (NGS) is the latest high throughput technology to revolutionize genomic research. NGS generates massive genomic datasets that play a key role in the big data phenomenon that surrounds us today. To extract signals from high-dimensional NGS data and make valid statistical inferences and predictions, novel data analytic and statistical techniques are needed. This book contains 20 chapters written by prominent statisticians working with NGS data. The topics range from basic preprocessing and analysis with NGS data to more complex genomic applications such as copy number variation and isoform expression detection. Research statisticians who want to learn about this growing and exciting area will find this book useful. In addition, many chapters from this book could be included in graduate-level classes in statistical bioinformatics for training future biostatisticians who will be expected to deal with genomic data in basic biomedical research, genomic clinical trials and personalized medicine. About the editors: Somnath Datta is Professor and Vice Chair of Bioinformatics and Biostatistics at the University of Louisville. He is Fellow of the American Statistical Association, Fellow of the Institute of Mathematical Statistics and Elected Member of the International Statistical Institute. He has contributed to numerous research areas in Statistics, Biostatistics and Bioinformatics. Dan Nettleton is Professor and Laurence H. Baker Endowed Chair of Biological Statistics in the Department of Statistics at Iowa State University. He is Fellow of the American Statistical Association and has published research on a variety of topics in statistics, biology and bioinformatics.

Mining Engineers' Handbook

A Prelude to Quantum Mechanics

A Modern Rebel

Haden Lord, the disgraced prince of the Underrealm, has been sent to the mortal world to entice a girl into returning with him to the land of the dead. Posing as a student at Olympus Hills High—a haven for children of the rich and famous—Haden must single out the one girl rumored to be able to restore immortality to his race. Daphne Raines has dreams much bigger than her tiny southern Utah town, so when her rock star dad suddenly reappears, offering her full tuition to Olympus Hills High's prestigious music program, she sees an opportunity to catch the break she needs to make it as a singer. But upon moving into her estranged father's mansion in California, and attending her glamorous new school, Daphne soon realizes she isn't the only student in Olympus who doesn't quite belong. Haden and Daphne—destined for each other—know nothing of the true stakes their fated courtship entails. As war between the gods brews, the teenagers' lives collide. But Daphne won't be wooed easily, and when it seems their prophesied link could happen, Haden realizes something he never intended—he's fallen in love. Now to save themselves, Haden and Daphne must rewrite their destinies. But as their destinies change, so do the fates of both their worlds. A pulsating romance of epic proportions, Bree Despain's The Shadow Prince will leave her fans breathless for the next book in the Into The Dark series.

The authors use a variety of photos to illustrate lessons, allowing readers to size up the structure or conditions depicted and answer questions based on their observations of the photos. The format includes true and false, multiple choice, fill in the blank, and scenario

questions.
My View from the International Space Station
The Shadow Prince

With this second volume of poetry, Nasr, whose name the reader usually associates with the philosopher, the historian, and the scientist, further explores the pilgrimage of life and invites readers to realize their true transcendent destination. (World Religions)

Discusses the actor's childhood, career influences, films, and romances with Winona Ryder and Kate Moss.

Lord Ravenscar's Inconvenient Betrothal

EBook: International Marketing

Knowledge Networks and Craft Traditions in the Ancient World

Handsome and popular Jason tries to come to terms with his irascible, often absent father and his growing attraction to the quiet, studious Kyra.

The book explicitly places the principles and processes of design within the context of a business or enterprise, explaining how design management can relate to the cultural, environmental, political and social impact of an enterprise. It emphasises the inter-disciplinary nature of design management, and as such is of relevance to students of a number of disciplines: from art and design to business, marketing or media. The Fundamentals of Design Management is supported throughout by a range of interviews and case studies, taken from design practitioners and industry experts.

Responsive Design Workflow

Learn PHP 7

The Fundamentals of Design Management

Forget fixed-width Photoshop comps, bloated client requirements, and overproduced wireframes. Yesterday's web design deliverables fail to take into account the demands of responsive solutions. Design workflow hasn't really changed, but best practices have. This book shows you how to adapt to the new paradigm and create sites for today's web. Some of the strategies you'll learn include: how to better manage client expectations and development requirements a practical approach for designing in the browser documentation methods that outperform static Photoshop comps a method for visualizing the points where responsive designs change After absorbing the lessons in this book, you'll leave behind old-school workflows and start working in ways

that are uniquely suited to today's multi-platform web.

The #1 international bestseller: An astronaut's tour of our planet from the heavens, featuring 150 mesmerizing photographs (with commentary) from the International Space Station. During his six-month mission to the International Space Station, astronaut Tim Peake became the first British astronaut to complete a spacewalk -- and, perhaps more astonishingly, the first to run an entire marathon in space. During his historic mission, he captured hundreds of dazzling photographs, the very best of which are collected here. Tim captures the majesty of the cosmos and of the planet we call home: breath-taking aerial photos of the world's cities illuminated at night, the natural beauty of the northern lights, and unforgettable views of oceans, mountains, and deserts. Tim's lively stories about life in space appear alongside these photographs, including the tale from which the title is taken: his famous wrong number dialed from space, when he accidentally called a stranger and asked: "Hello, is this planet Earth?" With this truly unique perspective on the incredible sights of our planet, Tim demonstrates that while in space, hundreds of miles above his friends and family, he never felt closer to home.

Prophets and Loss

Hello, Is This Planet Earth?

The Pilgrimage of Life and the Wisdom of Rumi

This new book on PHP 7 introduces writing solid, secure, object-oriented code in the new PHP 7: you will create a complete three-tier application using a natural process of building and testing modules within each tier. This practical approach teaches you about app development and introduces PHP features when they are actually needed rather than providing you with abstract theory and contrived examples. In Learn PHP 7, programming examples take advantage of the newest PHP features, including enhanced password encryption using password_hash. This book takes a learn-by-doing approach, providing you with complete coding examples. "Do It" exercises in each chapter provide the opportunity to make adjustments to the example code. The end of chapter programming exercises allow you to develop your own applications using the algorithms demonstrated in the chapter. Each tier is logically and physically separated using object-oriented and dependency injection techniques, thus allowing independent tiers that can be updated with little or no effect on the other tiers. In addition to teaching good programming practices through OOP, there is a strong emphasis on creating secure code. As each chapter is completed, the reader is provide the opportunity to design and create an application reinforcing the concepts learned.

Sustainable Design for Interior Environments is the first comprehensive textbook on the subject and is intended for students and instructors as well as practicing designers, architects, contractors, and facility managers. With over 150 illustrations, and interactive activities, the text provides a complete overview of the principles and strategies for sustainable design.

Material Crossovers

Johnny Depp

Jason & Kyra

Falling for Rachel Landlocked in Manhattan, rough-and-ready seaman Zackary Muldoon needed a street-smart, two-fisted attorney to save his kid brother's delinquent hide. What he got was a long-legged lady lawyer clad in sophisticated silks. Public defender Rachel Stanislaki made Zack's blood boil...and his loins ache. No endless voyage had ever had him hungering for a female the way one day in court with this woman did. He'd have to give Rachel a wide berth...before she trimmed his sails forever... and anchored him with unquenchable desire. Convincing Alex Soap opera writer Bess McNee figured the only way to understand a character was to stand in her shoes ‖ even if they were a streetwalker's stiletto heels. So she got tossed into the slammer, thanks to the sexiest detective in New York and she decided the detective was absolutely perfect...for her research and for herself. Now all she had to do was convince

him she was right... Alex Stanislaski thought he'd seen it all ⬜ until he arrested headstrong Bess McNee for soliciting. And then she wanted him to let her follow him around to get "ideas" for her show! Trouble was the lady was giving him altogether too many ideas...

The amount of software used in safety-critical systems is increasing at a rapid rate. At the same time, software technology is changing, projects are pressed to develop software faster and more cheaply, and the software is being used in more critical ways. Developing Safety-Critical Software: A Practical Guide for Aviation Software and DO-178C Compliance equips you with the information you need to effectively and efficiently develop safety-critical, life-critical, and mission-critical software for aviation. The principles also apply to software for automotive, medical, nuclear, and other safety-critical domains. An international authority on safety-critical software, the author helped write DO-178C and the U.S. Federal Aviation Administration⬜s policy and guidance on safety-critical software. In this book, she draws on more than 20 years of experience as a certification authority, an avionics manufacturer, an aircraft integrator, and a software developer to present best practices, real-world examples, and concrete recommendations. The book includes: An overview of how software fits into the systems and safety processes Detailed examination of DO-178C and how to effectively apply the guidance Insight into the DO-178C-related documents on tool qualification (DO-330), model-based development (DO-331), object-oriented technology (DO-332), and formal methods (DO-333) Practical tips for the successful development of safety-critical software and certification Insightful coverage of some of the more challenging topics in safety-critical software development and verification, including real-time operating systems, partitioning, configuration data, software reuse, previously developed software, reverse engineering, and outsourcing and offshoring An invaluable reference for systems and software managers, developers, and quality assurance personnel, this book provides a wealth of information to help you develop, manage, and approve safety-critical software more confidently.

Card Play Technique

The Handbook of Microturbine Generators

Waves and Oscillations

Falling For Rachel/Convincing AlexHarperCollins Australia

"Women either ran from Lord Ravenscar or ran to him." Alan Rothwell, Lord of Ravenscar is furious when unconventional heiress Lily Wallace refuses him purchase of her property. He can't even win her over with his infamous charm. But when fever seizes him and they're trapped together, Alan realises Lily's attentions will compromise them both! His solution: take Lily as his betrothed before desire consumes them completely...

Statistical Analysis of Next Generation Sequencing Data

Sustainable Design for Interior Environments

Falling For Rachel/Convincing Alex