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KEY=EDITION - ELLIANA YOSEF

CORE JAVA FOR BEGINNERS, 3RD EDITION

Vikas Publishing House Core Java for Beginners has been written keeping in mind the requirements of B.Tech and MCA students. The book introduces the core concepts of Java, along with the knowledge of fundamentals required for developing programs. Starting from the basic concepts of object-oriented programming languages, the book covers an entire range of topics, including advanced topics like RMI, JDBC, and so on. The text is replete with several examples to facilitate better understanding of the intricacies of the programming language. KEY FEATURES • Incorporates features of Java 2 and J2SE • Discusses exception handling in depth • Discusses garbage collection • Introduces new pedagogical feature 'Remember', which recapitulates the key points discussed and also clarifies finer programming and conceptual points • Presents around 350 tested programs with outputs and reinforces the learning through exercises

FIRE PUMP ARRANGEMENTS AT INDUSTRIAL FACILITIES

Gulf Professional Publishing Fire Pump Arrangements at Industrial Facilities, Third Edition delivers a practical reference from an author with a successful professional career in fire protection and loss prevention engineering in the oil and gas industry. While most regulatory standards are left to interpretation and try to cover multiple industries in one location, this book focuses on the equipment, standards and operations specific to the petroleum industry, covering quality controls, pump drivers and scheduled maintenance and audits so the equipment remains in safety compliance. Enhanced with new sections on human factors, case studies for modeling fire accidents and a look at recent events that have further shaped the safety and testing of fire pumps, the book provides the engineer and manager with a critical oil and gas resource for every aspect of firewater pumps. Remains the go-to reference for loss prevention specialists and fire engineering specific to the oil and gas industry Enhanced with new sections on quality audits and new case studies that evaluate operational issues and applications Fills in the practical hands-on information gap not covered in the regulatory standards

CHINA FOREIGN ENTERPRISE DIRECTORY 3RD EDITION - 2006

China Economic Review Publishing

SQL THE COMPLETE REFERENCE, 3RD EDITION

McGraw Hill Professional The Definitive Guide to SQL Get comprehensive coverage of every aspect of SQL from three leading industry experts. Revised with coverage of the latest RDBMS software versions, this one-stop guide explains how to build, populate, and administer high-performance databases and develop robust SQL-based applications. SQL: The Complete Reference, Third Edition shows you how to work with SQL commands and statements, set up relational databases, load and modify database objects, perform powerful queries, tune performance, and implement reliable security policies. Learn how to employ DDL statements and APIs, integrate XML and Java scripts, use SQL objects, build web servers, handle remote access, and perform distributed transactions. Techniques for managing in-memory, stream, and embedded databases that run on today's mobile, handheld, and wireless devices are included in this in-depth volume. Build SQL-based relational databases and applications Create, load, and modify database objects using SQL Construct and execute simple, multitable, and summary queries Implement security measures with authentication, privileges, roles, and views Handle database optimization, backup, recovery, and replication Work with stored procedures, functions, extensions, triggers, and objects Extend functionality using APIs, dynamic SQL, and embedded SQL Explore advanced topics such as DBMS transactions, locking mechanisms, materialized views, and two-phase commit protocol Understand the latest market trends and the future of SQL

JAVASCRIPT THE COMPLETE REFERENCE 3RD EDITION

McGraw Hill Professional The essential JavaScript resource—fully updated Design, debug, and publish high-performance web pages and applications using tested techniques and best practices from expert developers. The all-new edition of this comprehensive guide has been thoroughly revised and expanded to cover the latest JavaScript features, tools, and programming methods. JavaScript: The Complete Reference, Third Edition provides illustrative examples, line-by-line code samples, and practical development advice—from the core of the language to the various standard and emerging APIs supported by modern web browsers. This in-depth resource covers everything you need to know, whether you're trying to understand the fundamentals of weak typing in JavaScript, reduce your confusion over closures, or perform common tasks like form validation or Ajax calls. Explore core JavaScript syntax and data types Investigate often confusing concepts such as weak typing and closures Use object-oriented programming the JavaScript way See what changes come from ECMAScript 5 Perform dynamic content updates using DOM methods Handle user-generated events with modern event models Modernize form handling with HTML5 and JavaScript Use the XMLHttpRequest object to create Ajax applications Control animation and multimedia content with JavaScript Generate bitmap graphics with the Canvas API Learn methods to handle the

challenges of cross-browser coding Discover defensive development and error handling

CHEMICAL ENGINEERING PROGRESS

RANG & DALE'S PHARMACOLOGY

Elsevier Health Sciences World-renowned coverage of today's pharmacology at your fingertips Keeps you up-to-date with new information in this fast-changing field, including significantly revised coverage of CNS drugs, cognitive enhancers, anti-infectives, biologicals/biopharmaceuticals, lifestyle drugs, and more. Includes access to unique features, including more than 100 brand new chapter-specific multiple-choice questions and 6 new cases for immediate self-assessment. Features a color-coded layout for faster navigation and cross-referencing. Clarifies complex concepts with Key Points boxes, Clinical Uses boxes and full-color illustrations throughout.

AN APPLIED GUIDE TO PROCESS AND PLANT DESIGN

Elsevier An Applied Guide to Process and Plant Design, 2nd edition, is a guide to process plant design for both students and professional engineers. The book covers plant layout and the use of spreadsheet programs and key drawings produced by professional engineers as aids to design; subjects that are usually learned on the job rather than in education. You will learn how to produce smarter plant design through the use of computer tools, including Excel and AutoCAD, "What If Analysis, statistical tools, and Visual Basic for more complex problems. The book also includes a wealth of selection tables, covering the key aspects of professional plant design which engineering students and early-career engineers tend to find most challenging. Professor Moran draws on over 20 years' experience in process design to create an essential foundational book ideal for those who are new to process design, compliant with both professional practice and the IChemE degree accreditation guidelines. Includes new and expanded content, including illustrative case studies and practical examples Explains how to deliver a process design that meets both business and safety criteria Covers plant layout and the use of spreadsheet programs and key drawings as aids to design Includes a comprehensive set of selection tables, covering aspects of professional plant design which early-career designers find most challenging

1998 ASME BOILER AND PRESSURE VESSEL CODE

SECTION V : NONDESTRUCTIVE EXAMINATION

UNDERSTANDING THE LINUX KERNEL

"*O'Reilly Media, Inc.*" To thoroughly understand what makes Linux tick and why it's so efficient, you need to delve deep into the heart of the operating system--into the Linux kernel itself. The kernel is Linux--in the case of the Linux operating system, it's the only bit of software to which the term "Linux" applies. The kernel handles all the requests or completed I/O operations and determines which programs will share its processing time, and in what order. Responsible for the sophisticated memory management of the whole system, the Linux kernel is the force behind the legendary Linux efficiency. The new edition of Understanding the Linux Kernel takes you on a guided tour through the most significant data structures, many algorithms, and programming tricks used in the kernel. Probing beyond the superficial features, the authors offer valuable insights to people who want to know how things really work inside their machine. Relevant segments of code are dissected and discussed line by line. The book covers more than just the functioning of the code, it explains the theoretical underpinnings for why Linux does things the way it does. The new edition of the book has been updated to cover version 2.4 of the kernel, which is quite different from version 2.2: the virtual memory system is entirely new, support for multiprocessor systems is improved, and whole new classes of hardware devices have been added. The authors explore each new feature in detail. Other topics in the book include: Memory management including file buffering, process swapping, and Direct memory Access (DMA) The Virtual Filesystem and the Second Extended Filesystem Process creation and scheduling Signals, interrupts, and the essential interfaces to device drivers Timing Synchronization in the kernel Interprocess Communication (IPC) Program execution Understanding the Linux Kernel, Second Edition will acquaint you with all the inner workings of Linux, but is more than just an academic exercise. You'll learn what conditions bring out Linux's best performance, and you'll see how it meets the challenge of providing good system response during process scheduling, file access, and memory management in a wide variety of environments. If knowledge is power, then this book will help you make the most of your Linux system.

NORTH CAROLINA UNFAIR BUSINESS PRACTICE 3RD EDITION

LexisNexis North Carolina Unfair Business Practice, 3rd Edition, is the only publication providing comprehensive guidance on the complex world of consumer protection, and unfair and deceptive trade practices in North Carolina. Focusing heavily on North Carolina General Statute 75-1.1, this publication?s importance and prominence has grown steadily through the years, as the area of unfair business practices continues to expand. An essential resource for any attorney advising businesses on appropriate trade practices or representing clients potentially harmed by unfair business practice, North Carolina Unfair Business Practice, 3rd Edition, provides expert analysis of the statute through detailed examination of hundreds of cases interpreting its provisions. Highlights include: • Comprehensive analysis of General Statute 75-1. • Examination of potential liability stemming from consumer fraud or deception in areas such as landlord/tenant relations, insurance, advertising, the purchase of real property and the purchase of consumer products • Remedies for violations of General Statute 75-1.1 • Discussion of a common law claim for unfair competition • Examination of federal antitrust statutes • Sample forms

REAL-TIME RENDERING

A K Peters, Ltd. Thoroughly revised, this third edition focuses on modern techniques used to generate synthetic three-dimensional images in a fraction of a second. With the advent of programmable shaders, a wide variety of new algorithms have arisen and evolved over the past few years. This edition discusses current, practical rendering methods used in games and other applications. It also

presents a solid theoretical framework and relevant mathematics for the field of interactive computer graphics, all in an approachable style. The authors have made the figures used in the book available for download for fair use.:Download Figures.

UNIX POWER TOOLS

"*O'Reilly Media, Inc.*" By its very nature, Unix is a " power tools " environment. Even beginning Unix users quickly grasp that immense power exists in shell programming, aliases and history mechanisms, and various editing tools. Nonetheless, few users ever really master the power available to them with Unix. There is just too much to learn! Unix Power Tools, Third Edition, literally contains thousands of tips, scripts, and techniques that make using Unix easier, more effective, and even more fun. This book is organized into hundreds of short articles with plenty of references to other sections that keep you flipping from new article to new article. You'll find the book hard to put down as you uncover one interesting tip after another. With the growing popularity of Linux and the advent of Mac OS X, Unix has metamorphosed into something new and exciting. With Unix no longer perceived as a difficult operating system, more and more users are discovering its advantages for the first time. The latest edition of this best-selling favorite is loaded with advice about almost every aspect of Unix, covering all the new technologies that users need to know. In addition to vital information on Linux, Mac OS X, and BSD, Unix Power Tools, Third Edition, now offers more coverage of bcash, zsh, and new shells, along with discussions about modern utilities and applications. Several sections focus on security and Internet access, and there is a new chapter on access to Unix from Windows, addressing the heterogeneous nature of systems today. You'll also find expanded coverage of software installation and packaging, as well as basic information on Perl and Python. The book's accompanying web site provides some of the best software available to Unix users, which you can download and add to your own set of power tools. Whether you are a newcomer or a Unix power user, you'll find yourself thumbing through the gold mine of information in this new edition of Unix Power Tools to add to your store of knowledge. Want to try something new? Check this book first, and you're sure to find a tip or trick that will prevent you from learning things the hard way.

TOXICOLOGY OF SKIN

CRC Press Toxic injury to the skin in the general population, and particularly in western populations, is on the increase. This is partly due to the expanding number of natural and man-made chemicals present in our everyday environment. The need for a thorough understanding of the skin, and the mechanisms of toxicity therein, has never been more pressing. Th

HANDBOOK OF PUMPS AND PUMPING

PUMPING MANUAL INTERNATIONAL

Elsevier Written by an experienced engineer, this book contains practical information on all aspects of pumps including classifications, materials, seals, installation, commissioning and maintenance. In addition you will find essential information on units, manufacturers and suppliers worldwide, providing a unique reference for your desk, R&D lab, maintenance shop or library. * Includes maintenance techniques, helping you get the optimal performance out of your pump and reducing maintenance costs * Will help you to understand seals, couplings and ancillary equipment, ensuring systems are set up properly to save time and money * Provides useful contacts for manufacturers and suppliers who specialise in pumps, pumping and ancillary equipment

CHRONIC KIDNEY DISEASE, DIALYSIS, AND TRANSPLANTATION E-BOOK

A COMPANION TO BRENNER AND RECTOR'S THE KIDNEY

Elsevier Health Sciences Contains expanded content on economics and outcomes of treatment, as well as acute kidney injury. Covers hot topics such as the genetic causes of chronic kidney disease, ethical challenges and palliative care, and home hemodialysis. Discusses the latest advances in hypertensive kidney disease, vitamin D deficiency, diabetes management, transplantation, and more. Provides a clear visual understanding of complex information with high-quality line drawings, photographs, and diagnostic and treatment algorithms.

STATISTICAL METHODS IN THE ATMOSPHERIC SCIENCES

Academic Press Statistical Methods in the Atmospheric Sciences, Third Edition, explains the latest statistical methods used to describe, analyze, test, and forecast atmospheric data. This revised and expanded text is intended to help students understand and communicate what their data sets have to say, or to make sense of the scientific literature in meteorology, climatology, and related disciplines. In this new edition, what was a single chapter on multivariate statistics has been expanded to a full six chapters on this important topic. Other chapters have also been revised and cover exploratory data analysis, probability distributions, hypothesis testing, statistical weather forecasting, forecast verification, and time series analysis. There is now an expanded treatment of resampling tests and key analysis techniques, an updated discussion on ensemble forecasting, and a detailed chapter on forecast verification. In addition, the book includes new sections on maximum likelihood and on statistical simulation and contains current references to original research. Students will benefit from pedagogical features including worked examples, end-of-chapter exercises with separate solutions, and numerous illustrations and equations. This book will be of interest to researchers and students in the atmospheric sciences, including meteorology, climatology, and other geophysical disciplines. Accessible presentation and explanation of techniques for atmospheric data summarization, analysis, testing and forecasting Many worked examples End-of-chapter exercises, with answers provided

PUBLICATIONS, PROGRAMS & SERVICES

PROGRAMMING WCF SERVICES

MASTERING WCF AND THE AZURE APPFABRIC SERVICE BUS

"O'Reilly Media, Inc." Programming WCF Services is the authoritative, bestselling guide to Microsoft's unified platform for developing modern service-oriented applications on Windows. Hailed as the definitive treatment of WCF, this book provides unique insight, rather than documentation, to help you learn the topics and skills you need for building WCF-based applications that are maintainable, extensible, and reusable. Author Juval Löwy -- one of the world's top .NET experts -- revised this edition to include the newest productivity-enhancing features of .NET Framework 4 and the Azure AppFabric Service Bus, as well as the latest WCF ideas and techniques. By teaching you the why and the how of WCF programming, Programming WCF Services will help you master WCF and make you a better software engineer. Learn about WCF architecture and essential building blocks, including key concepts such as reliability and transport sessions Use built-in features such as service hosting, instance and concurrency management, transactions, disconnected queued calls, security, and discovery Master the Windows Azure AppFabric Service Bus, the most revolutionary piece of the new cloud computing initiative Increase your productivity and the quality of your WCF services by taking advantage of relevant design options, tips, and best practices in Löwy's ServiceModelEx framework Discover the rationale behind particular design decisions, and delve into rarely understood aspects of WCF development "If you choose to learn WCF, you've chosen well. If you choose to learn with the resource and guidance of Juval Löwy, you've done even better... there are few people alive today who know WCF as well." -- Ron Jacobs, Senior Technical Evangelist for WCF, Microsoft Corporation

PUMPING STATION DESIGN

Pumping Station Design, Second Edition shows how to apply the fundamentals of various disciplines and subjects to produce a well-integrated pumping station that will be reliable, easy to operate and maintain, and free from design mistakes. In a field where inappropriate design can be extremely costly for any of the foregoing reasons, there is simply no excuse for not taking expert advice from this book. The content of this second edition has been thoroughly reviewed and approved by many qualified experts. The depth of experience and expertise of each contributor makes the second edition of Pumping Station Design an essential addition to the bookshelves of anyone in the field.

IRON CHELATION THERAPY

Springer Science & Business Media Within the last few years, iron research has yielded exciting new insights into the under standing of normal iron homeostasis. However, normal iron physiology offers little protec tion from the toxic effects of pathological iron accumulation, because nature did not equip us with effective mechanisms of iron excretion. Excess iron may be effectively removed by phlebotomy in hereditary hemochromatosis, but this method cannot be applied to chronic anemias associated with iron overload. In these diseases, iron chelating therapy is the only method available for preventing early death caused mainly by myocardial and hepatic iron toxicity. Iron chelating therapy has changed the quality of life and life expectancy of thalassemic patients. However, the high cost and rigorous requirements of deferoxamine therapy, and the significant toxicity of deferiprone underline the need for the continued development of new and improved orally effective iron chelators. Such development, and the evolution of improved strategies of iron chelating therapy require better understanding of the pathophysiology of iron toxicity and the mechanism of action of iron chelating drugs. The timeliness of the present volume is underlined by several significant develop ments in recent years. New insights have been gained into the molecular basis of aberrant iron handling in hereditary disorders and the pathophysiology of iron overload (Chapters 1-5).

JAVA IN TWO SEMESTERS

FEATURING JAVAFX

Springer This easy-to-follow textbook teaches Java programming from first principles, as well as covering design and testing methodologies. The text is divided into two parts. Each part supports a one-semester module, the first part addressing fundamental programming concepts, and the second part building on this foundation, teaching the skills required to develop more advanced applications. This fully updated and greatly enhanced fourth edition covers the key developments introduced in Java 8, including material on JavaFX, lambda expressions and the Stream API. Topics and features: begins by introducing fundamental programming concepts such as declaration of variables, control structures, methods and arrays; goes on to cover the fundamental object-oriented concepts of classes and objects, inheritance and polymorphism; uses JavaFX throughout for constructing event-driven graphical interfaces; includes advanced topics such as interfaces and lambda expressions, generics, collection classes and exceptions; explains file-handling techniques, packages, multi-threaded programs, socket programming, remote database access and processing collections using streams; includes self-test questions and programming exercises at the end of each chapter, as well as two illuminating case studies; provides additional resources at its associated website (simply go to springer.com and search for "Java in Two Semesters"), including a guide on how to install and use the NetBeansTM Java IDE. Offering a gentle introduction to the field, assuming no prior knowledge of the subject, Java in Two Semesters is the ideal companion to undergraduate modules in software development or programming.

PRESSURE VESSEL DESIGN MANUAL

Butterworth-Heinemann Pressure vessels are closed containers designed to hold gases or liquids at a pressure substantially different from the ambient pressure. They have a variety of applications in industry, including in oil refineries, nuclear reactors, vehicle airbrake reservoirs, and more. The pressure differential with such vessels is dangerous, and due to the risk of accident and fatality around their use, the design, manufacture, operation and inspection of pressure vessels is regulated by engineering authorities and guided by legal codes and standards. Pressure Vessel Design Manual is a solutions-focused guide to the many problems and technical challenges

involved in the design of pressure vessels to match stringent standards and codes. It brings together otherwise scattered information and explanations into one easy-to-use resource to minimize research and take readers from problem to solution in the most direct manner possible. Covers almost all problems that a working pressure vessel designer can expect to face, with 50+ step-by-step design procedures including a wealth of equations, explanations and data Internationally recognized, widely referenced and trusted, with 20+ years of use in over 30 countries making it an accepted industry standard guide Now revised with up-to-date ASME, ASCE and API regulatory code information, and dual unit coverage for increased ease of international use

DOMAIN-DRIVEN DESIGN

TACKLING COMPLEXITY IN THE HEART OF SOFTWARE

Addison-Wesley Professional Describes ways to incorporate domain modeling into software development.

RESERVOIR ENGINEERING HANDBOOK

Gulf Professional Publishing The job of any reservoir engineer is to maximize production from a field to obtain the best economic return. To do this, the engineer must study the behavior and characteristics of a petroleum reservoir to determine the course of future development and production that will maximize the profit. Fluid flow, rock properties, water and gas coning, and relative permeability are only a few of the concepts that a reservoir engineer must understand to do the job right, and some of the tools of the trade are water influx calculations, lab tests of reservoir fluids, and oil and gas performance calculations.Two new chapters have been added to the first edition to make this book a complete resource for students and professionals in the petroleum industry: Principles of Waterflooding, Vapor-Liquid Phase Equilibria.

FIXED-BED REACTOR DESIGN AND DIAGNOSTICS

GAS-PHASE REACTIONS

Butterworth-Heinemann Fixed-Bed Reactor Design and Diagnostics: Gas-Phase Reactions presents the essential theoretical and conceptual background of gaseous reactions catalyzed by solid catalysts in fixed beds. This book intends to provide recommendations to professionals who seek for modeling, scale-up, and diagnostics of fixed-bed reactors. The text is divided into three parts. Part I provides the conceptual background and relevant theories. Part II presents recommended mathematical models, scale-up procedures, and diagnostic methods. Part III gives a number of practical examples. The topics that are specifically discussed include heterogeneous catalysis and kinetics; general tubular reactor model; and general diagnostics for fixed-bed reactors. Engineers and professionals working with fixed-bed reactors will find the book highly informative.

PYTHON FOR DATA ANALYSIS

DATA WRANGLING WITH PANDAS, NUMPY, AND IPYTHON

"*O'Reilly Media, Inc.*" Get complete instructions for manipulating, processing, cleaning, and crunching datasets in Python. Updated for Python 3.6, the second edition of this hands-on guide is packed with practical case studies that show you how to solve a broad set of data analysis problems effectively. You'll learn the latest versions of pandas, NumPy, IPython, and Jupyter in the process. Written by Wes McKinney, the creator of the Python pandas project, this book is a practical, modern introduction to data science tools in Python. It's ideal for analysts new to Python and for Python programmers new to data science and scientific computing. Data files and related material are available on GitHub. Use the IPython shell and Jupyter notebook for exploratory computing Learn basic and advanced features in NumPy (Numerical Python) Get started with data analysis tools in the pandas library Use flexible tools to load, clean, transform, merge, and reshape data Create informative visualizations with matplotlib Apply the pandas groupby facility to slice, dice, and summarize datasets Analyze and manipulate regular and irregular time series data Learn how to solve real-world data analysis problems with thorough, detailed examples

SCALA FOR MACHINE LEARNING

DATA PROCESSING, ML ALGORITHMS, SMART ANALYTICS, AND MORE

Packt Publishing Ltd Leverage Scala and Machine Learning to study and construct systems that can learn from data About This Book Explore a broad variety of data processing, machine learning, and genetic algorithms through diagrams, mathematical formulation, and updated source code in Scala Take your expertise in Scala programming to the next level by creating and customizing AI applications Experiment with different techniques and evaluate their benefits and limitations using real-world applications in a tutorial style Who This Book Is For If you're a data scientist or a data analyst with a fundamental knowledge of Scala who wants to learn and implement various Machine learning techniques, this book is for you. All you need is a good understanding of the Scala programming language, a basic knowledge of statistics, a keen interest in Big Data processing, and this book! What You Will Learn Build dynamic workflows for scientific computing Leverage open source libraries to extract patterns from time series Write your own classification, clustering, or evolutionary algorithm Perform relative performance tuning and evaluation of Spark Master probabilistic models for sequential data Experiment with advanced techniques such as regularization and kernelization Dive into neural networks and some deep learning architecture Apply some basic multiarm-bandit algorithms Solve big data problems with Scala parallel collections, Akka actors, and Apache Spark clusters Apply key learning strategies to a technical analysis of financial markets In Detail The discovery of information through data clustering and classification is becoming a key differentiator for competitive organizations. Machine learning applications are everywhere, from self-driving cars, engineering design, logistics, manufacturing, and trading strategies, to detection of genetic anomalies. The book is your one stop guide that introduces you to the functional capabilities of the Scala programming language that are critical to the creation of machine learning algorithms such as dependency injection and implicits. You start by

learning data preprocessing and filtering techniques. Following this, you'll move on to unsupervised learning techniques such as clustering and dimension reduction, followed by probabilistic graphical models such as Naive Bayes, hidden Markov models and Monte Carlo inference. Further, it covers the discriminative algorithms such as linear, logistic regression with regularization, kernelization, support vector machines, neural networks, and deep learning. You'll move on to evolutionary computing, multibandit algorithms, and reinforcement learning. Finally, the book includes a comprehensive overview of parallel computing in Scala and Akka followed by a description of Apache Spark and its ML library. With updated codes based on the latest version of Scala and comprehensive examples, this book will ensure that you have more than just a solid fundamental knowledge in machine learning with Scala. Style and approach This book is designed as a tutorial with hands-on exercises using technical analysis of financial markets and corporate data. The approach of each chapter is such that it allows you to understand key concepts easily.

JAVASCRIPT BIBLE

John Wiley & Sons The bestselling JavaScript reference, now updated to reflect changes in technology and best practices As the most comprehensive book on the market, the JavaScript Bible is a classic bestseller that keeps you up to date on the latest changes in JavaScript, the leading technology for incorporating interactivity into Web pages. Part tutorial, part reference, this book serves as both a learning tool for building new JavaScript skills as well as a detailed reference for the more experienced JavaScript user. You'll get up-to-date coverage on the latest JavaScript practices that have been implemented since the previous edition, as well as the most updated code listings that reflect new concepts. Plus, you'll learn how to apply the latest JavaScript exception handling and custom object techniques. Coverage includes: JavaScript's Role in the World Wide Web and Beyond Developing a Scripting Strategy Selecting and Using Your Tools JavaScript Essentials Your First JavaScript Script Browser and Document Objects Scripts and HTML Documents Programming Fundamentals Window and Document Objects Forms and Form Elements Strings, Math, and Dates Scripting Frames and Multiple Windows Images and Dynamic HTML The String Object The Math, Number, and Boolean Objects The Date Object The Array Object JSON - Native JavaScript Object Notation E4X - Native XML Processing Control Structures and Exception Handling JavaScript Operators Function Objects and Custom Objects Global Functions and Statements Document Object Model Essentials Generic HTML Element Objects Window and Frame Objects Location and History Objects Document and Body Objects Link and Anchor Objects Image, Area, Map, and Canvas Objects Event Objects Practical examples of working code round out this new edition and contribute to helping you learn JavaScript quickly yet thoroughly.

APPLIED PETROLEUM RESERVOIR ENGINEERING

Pearson Basic level textbook covering concepts and practical analytical techniques of reservoir engineering.

PHP COOKBOOK

"*O'Reilly Media, Inc.*" Offers instructions for creating programs to do tasks including fetching URLs and generating bar charts using the open source scripting language, covering topics such as data types, regular expressions, encryption, and PEAR.

THE NOWHERE GIRLS

Simon Pulse "A call-to-action to everyone out there who wants to fight back." —Bustle "Scandal, justice, romance, sex positivity, subversive anti-sexism—just try to put it down." —Kirkus Reviews (starred review) "Cuts straight to the core of rape culture—masterfully fierce, stirring, and deeply empowering." —Amber Smith, New York Times bestselling author of The Way I Used to Be Three misfits come together to avenge the rape of a fellow classmate and trigger a change in the misogynist culture at their high school transforming the lives of everyone around them in this searing and timely story. Who are the Nowhere Girls? They're everygirl. But they start with just three: Grace Salter is the new girl in town, whose family was run out of their former community after her southern Baptist preacher mom turned into a radical liberal after falling off a horse and bumping her head. Rosina Suarez is the queer punk girl in a conservative Mexican immigrant family, who dreams of a life playing music instead of babysitting her gaggle of cousins and waitressing at her uncle's restaurant. Erin Delillo is obsessed with two things: marine biology and Star Trek: The Next Generation, but they aren't enough to distract her from her suspicion that she may in fact be an android. When Grace learns that Lucy Moynihan, the former occupant of her new home, was run out of town for having accused the popular guys at school of gang rape, she's incensed that Lucy never had justice. For their own personal reasons, Rosina and Erin feel equally deeply about Lucy's tragedy, so they form an anonymous group of girls at Prescott High to resist the sexist culture at their school, which includes boycotting sex of any kind with the male students. Told in alternating perspectives, this groundbreaking novel is an indictment of rape culture and explores with bold honesty the deepest questions about teen girls and sexuality.

PUMP HANDBOOK

McGraw Hill Professional Rely on the #1 Guide to Pump Design and Application-- Now Updated with the Latest Technological Breakthroughs Long-established as the leading guide to pump design and application, the Pump Handbook has been fully revised and updated with the latest developments in pump technology. Packed with 1,150 detailed illustrations and written by a team of over 100 internationally renowned pump experts, this vital tool shows you how to select, purchase, install, operate, maintain, and troubleshoot cutting-edge pumps for all types of uses. The Fourth Edition of the Pump Handbook features: State-of-the-art guidance on every aspect of pump theory, design, application, and technology Over 100 internationally renowned contributors SI units used throughout the book New sections on centrifugal pump mechanical performance, flow analysis, bearings, adjustable-speed drives, and application to cryogenic LNG services; completely revised sections on pump theory, mechanical seals, intakes and suction piping, gears, and waterhammer; application to pulp and paper mills Inside This Updated Guide to Pump Technology • Classification and Selection of Pumps • Centrifugal Pumps • Displacement Pumps • Solids Pumping • Pump Sealing • Pump Bearings • Jet Pumps • Materials of Construction • Pump Drivers and Power Transmission • Pump Noise • Pump Systems • Pump Services • Intakes and Suction Piping • Selecting and Purchasing Pumps • Installation, Operation, and Maintenance • Pump Testing • Technical Data

THINKING IN JAVA

Prentice Hall Professional An overview of the programming language's fundamentals covers syntax, initialization, implementation, classes, error handling, objects, applets, multiple threads, projects, and network programming.

QUANTITATIVE PSYCHOLOGICAL RESEARCH

THE COMPLETE STUDENT'S COMPANION

Routledge Quantitative Psychological Research: The Complete Student's Companion expertly guides the reader through all the stages involved in undertaking quantitative psychological research: designing a study, choosing a sample of people, undertaking the study, analysing the data, and reporting the research. Accessibly written and clearly presented, the book is designed for anyone learning to conduct quantitative psychological research. It covers the full research process, from the original idea to reporting the completed study, emphasising the importance of looking beyond statistical significance in evaluating data. The book provides step-by-step guidance on choosing, interpreting and reporting the appropriate analysis, featuring worked examples and extended calculations as appendices for advanced readers. This edition features new chapters on exploratory factor analysis, logistic regression and Bayesian statistics, and has been thoroughly updated throughout to reflect the latest research practices. Care has been taken to avoid tying the book to any specific statistical software, providing readers with a thorough grounding in the basics no matter which package they go on to use. Whether you're at the beginning of your undergraduate degree or working towards your masters or doctorate, this book will be invaluable for anyone looking to understand how to conduct quantitative psychological research.

LEARNING THE BASH SHELL

UNIX SHELL PROGRAMMING

"*O'Reilly Media, Inc.*" O'Reilly's bestselling book on Linux's bash shell is at it again. Now that Linux is an established player both as a server and on the desktop Learning the bash Shell has been updated and refreshed to account for all the latest changes. Indeed, this third edition serves as the most valuable guide yet to the bash shell.As any good programmer knows, the first thing users of the Linux operating system come face to face with is the shell the UNIX term for a user interface to the system. In other words, it's what lets you communicate with the computer via the keyboard and display. Mastering the bash shell might sound fairly simple but it isn't. In truth, there are many complexities that need careful explanation, which is just what Learning the bash Shell provides.If you are new to shell programming, the book provides an excellent introduction, covering everything from the most basic to the most advanced features. And if you've been writing shell scripts for years, it offers a great way to find out what the new shell offers. Learning the bash Shell is also full of practical examples of shell commands and programs that will make everyday use of Linux that much easier. With this book, programmers will learn: How to install bash as your login shell The basics of interactive shell use, including UNIX file and directory structures, standard I/O, and background jobs Command line editing, history substitution, and key bindings How to customize your shell environment without programming The nuts and bolts of basic shell programming, flow control structures, command-line options and typed variables Process handling, from job control to processes, coroutines and subshells Debugging techniques, such as trace and verbose modes Techniques for implementing system-wide shell customization and features related to system security

RETHINKING AGILE

WHY AGILE TEAMS HAVE NOTHING TO DO WITH BUSINESS AGILITY

All of the agile cards have been pulled, and nonetheless new products still do not get faster to the market. If this situation seems familiar, you should read this story about a company that prepared their agile transition in exemplary fashion: 600 employees reorganized into cross-functional teams, their work visualized and practically perfect Standups and Retrospectives held. The result: Time-to-Market for the products became worse - and not a trace of business agility.This book shows you what goes wrong with many agile transitions and why the desired improvements fail to materialize. You also learn how to get out of a dead end and what can be done before starting a transformation in order to prevent heading down a dead end to begin with.A little preview: Do not start by making teams agile - this will save your nerves and lots of money!

FAMILY VIOLENCE AND CRIMINAL JUSTICE

A LIFE-COURSE APPROACH

Routledge The historical context of family violence is explored, as well as the various forms of violence, their prevalence in specific stages of life, and responses to it made by the criminal justice system and other agencies. The linkage among child abuse, partner violence and elder abuse is scrutinized, and the usefulness of the life-course approach is couched in terms of its potential effect on policy implications; research methods that recognize the importance of life stages, trajectories, and transitions; and crime causation theories that can be enhanced by it.

OPEN WATER

WINNER OF THE COSTA FIRST NOVEL AWARD 2021

Penguin UK WINNER OF THE COSTA FIRST NOVEL AWARD 2021 WINNER OF DEBUT NOVEL OF THE YEAR AT THE BRITISH BOOK AWARDS 2022 A No.1 BESTSELLER IN THE TIMES 'A tender and touching love story, beautifully told' Observer 'Hands-down the best debut I've read in years' The Times 'A beautiful and powerful novel about the true and sometimes painful depths of love' Candice Carty-Williams, bestselling author of QUEENIE 'An unforgettable debut... it's Sally Rooney meets Michaela Coel meets Teju Cole' New

York Times 'A love song to Black art and thought' Yaa Gyasi, bestselling author of HOMEGOING and TRANSCENDENT KINGDOM Two young people meet at a pub in South East London. Both are Black British, both won scholarships to private schools where they struggled to belong, both are now artists - he a photographer, she a dancer - trying to make their mark in a city that by turns celebrates and rejects them. Tentatively, tenderly, they fall in love. But two people who seem destined to be together can still be torn apart by fear and violence. At once an achingly beautiful love story and a potent insight into race and masculinity, Open Water asks what it means to be a person in a world that sees you only as a Black body, to be vulnerable when you are only respected for strength, to find safety in love, only to lose it. With gorgeous, soulful intensity, Caleb Azumah Nelson has written the most essential British debut of recent years. 'An amazing debut novel. You should read this book. Let's hear it for Caleb Azumah Nelson, also known as the future' Benjamin Zephaniah 'A short, poetic and intellectual meditation on art and a relationship between a young couple' Bernardine Evaristo, author of GIRL, WOMAN, OTHER 'A very touching and heartfelt book' Diana Evans, award-winning author of ORDINARY PEOPLE 'A lyrical modern love story, brilliant on music and art, race and London life, I enjoyed it hugely' David Nicholls, author of ONE DAY and SWEET SORROW 'Caleb is a star in the making' Nikesh Shukla, editor of THE GOOD IMMIGRANT and BROWN BABY 'A stunning piece of art' Bolu Babalola, bestselling author of LOVE IN COLOUR 'For those that are missing the tentative depiction of love in Normal People, Caleb Azumah Nelson's Open Water is set to become one of 2021's unmissable books. Utterly transporting, it'll leave you weeping and in awe.' Stylist 'An exhilarating new voice in British fiction' Vogue 'A poetic novel about Black identity and first love in the capital from one of Britain's most exciting young voices' Harper's Bazaar 'An intense, elegant debut' Guardian WINNER OF THE COSTA FIRST NOVEL AWARD WINNER OF DEBUT NOVEL OF THE YEAR AT THE BRITISH BOOK AWARDS SHORTLISTED FOR THE SUNDAY TIMES YOUNG WRITER OF THE YEAR AWARD WINNER OF THE BAD FORM BOOK OF THE YEAR AWARD SHORTLISTED FOR WATERSTONES BOOK OF THE YEAR LONGLISTED FOR THE DYLAN THOMAS PRIZE, THE DESMOND ELLIOTT PRIZE AND THE GORDON BURN PRIZE A NATIONAL BOOK AWARD '5 UNDER 35' HONOREE Pre-order Caleb Azumah Nelson's new novel SMALL WORLDS now

CASES AND MATERIALS ON THE CARRIAGE OF GOODS BY SEA

Routledge Cases Materials on the Carriage of Goods by Sea includes a collection of legislative material, standard form contracts and up-to-date coverage of English case law. It covers the major areas of chartering and bills of lading, as well as matters such as exclusion and limitation of liability. This edition has been comprehensively updated and adds the latest cases to its strong coverage of classic authorities. Notable additions in the chapters dealing with bills of lading include The Starsin, The Rafaela S, Motis Exports and The David Agmashenebeli. On the Carriage of Goods by Sea Act 1992, the important decisions of The Berge Sisar and East West Corp are incorporated, while key recent decisions on chartering, such as The Hill Harmony, The Happy Day and The Stolt Spur are fully treated. This book provides an up-to-date collection of materials relating to the carriage of goods by sea which will be of value to both students of law and legal practitioners.