Api 617 8th Edition

Compression Machinery for Oil and GasCatalog of Copyright Entries. Third SeriesThe Official (ISC)2 Guide to the CISSP CBK ReferenceTypes and Programming LanguagesJava 2: The Complete Reference, Fifth EditionMicrosoft Visual C# 2010 Step by StepPipeline Rules of Thumb HandbookCatalog of Copyright Entries, Third SeriesPro ASP.NET Core 3Shock and Vibration HandbookPressure Vessel Design ManualRules of Thumb for Mechanical EngineersEffective JavaOpenGL Programming GuideIntroduction to Information RetrievalComputer Networking: A Top-Down Approach Featuring the Internet, 3/eReciprocating Machinery DynamicsComplete A+ Guide to IT Hardware and SoftwareIntroduction to Programming Using JavaMore Best Practices for Rotating EquipmentCatalog of Copyright EntriesReady Player OneThe RoadAJCC Cancer Staging ManualAcoustics. Determination of Sound Power Levels of Noise Sources Using Sound IntensityFoundation Analysis and DesignGas Turbine Engineering HandbookCall Me by Your NameLange's Handbook of ChemistryGas Well DeliquificationTuckerJava Software SolutionsData Mining: Concepts and TechniquesPsychology and Personal Growth5 More Sleeps 'til ChristmasHandbook of Mechanical Engineering Calculations, Second EditionTurboexpanders and Process ApplicationsPro C# 7OpenGL Programming GuideComputer Organization & Architecture 7e

Compression Machinery for Oil and Gas

Catalog of Copyright Entries. Third Series

This classic readings text is comprised of over six dozen articles, drawings, and photo-essays selected to apply psychology to your development. These selections explore six themes: identity, human communication, growth dynamics, feelings and emotions, human relationships, and a quality life. The readings present personal growth concepts in a highly personalized and lively manner. More than two-thirds of the readings are new. Each reading encourages personal reflection and/or discussion.

The Official (ISC)2 Guide to the CISSP CBK Reference

The record of each copyright registration listed in the Catalog includes a description of the work copyrighted and data relating to the copyright claim (the name of the copyright claimant as given in the application for registration, the copyright date, the copyright registration number, etc.).

Types and Programming Languages

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

Java 2: The Complete Reference, Fifth Edition

Now a Major Motion Picture from Director Luca Guadagnino, Starring Armie Hammer and Timothée Chalamet, and Written by Three-Time OscarTM Nominee James Ivory The Basis of the Oscar-Winning Best Adapted Screenplay A New York Times Bestseller A USA Today Bestseller A Los Angeles Times Bestseller A Vulture Book Club Pick An Instant Classic and One of the Great Love Stories of Our Time Andre Aciman's Call Me by Your Name is the story of a sudden and powerful romance that blossoms between an adolescent boy and a summer guest at his parents' cliffside mansion on the Italian Riviera. Each is unprepared for the consequences of their attraction, when, during the restless summer weeks, unrelenting currents of obsession, fascination, and desire intensify their passion and test the charged ground between them. Recklessly, the two verge toward the one thing both fear they may never truly find again: total intimacy. It is an instant classic and one of the great love stories of our time. Winner of the Lambda Literary Award for Ficition A New York Times Notable Book of the Year • A Publishers Weekly and The Washington Post Best Book of the Year • A New York Magazine "Future Canon" Selection • A Chicago Tribune and Seattle Times (Michael Upchurch's) Favorite Favorite Book of the Year

Microsoft Visual C# 2010 Step by Step

0135038243 / 9780135038246 Java Software Solutions: Foundations of Program Design Value Package (includes Addison-Wesley's Java Backpack Reference Guide) Package consists of: 0321304276 / 9780321304278 Addison-Wesley's Java

Backpack Reference Guide 0321532058 / 9780321532053 Java Software Solutions: Foundations of Program Design

Pipeline Rules of Thumb Handbook

Complete Coverage of OpenGL� 4.5--the Latest Version (Includes 4.5, 4.4, SPIR-V, and Extensions) The latest version of today's leading worldwide standard for computer graphics, OpenGL 4.5 delivers significant improvements in application efficiency, flexibility, and performance. OpenGL 4.5 is an exceptionally mature and robust platform for programming high-quality computer-generated images and interactive applications using 2D and 3D objects, color images, and shaders. OpenGL� Programming Guide, Ninth Edition, presents definitive, comprehensive information on OpenGL 4.5, 4.4, SPIR-V, OpenGL extensions, and the OpenGL Shading Language. It will serve you for as long as you write or maintain OpenGL code. This edition of the best-selling "Red Book" fully integrates shader techniques alongside classic, function-centric approaches, and contains extensive code examples that demonstrate modern techniques. Starting with the fundamentals, its wide-ranging coverage includes drawing, color, pixels, fragments, transformations, textures, framebuffers, light and shadow, and memory techniques for advanced rendering and nongraphical applications. It also offers discussions of all shader stages, including thorough explorations of tessellation, geometric, and compute shaders. New coverage in this edition includes Thorough coverage of OpenGL 4.5 Direct State Access (DSA), which overhauls the OpenGL programming model and how applications access objects Deeper discussions and more examples of shader functionality and GPU processing, reflecting industry trends to move functionality onto graphics processors Demonstrations and examples of key features based on community feedback and suggestions Updated appendixes covering the latest OpenGL libraries, related APIs, functions, variables, formats, and debugging and profiling techniques

Catalog of Copyright Entries, Third Series

Includes Part 1, Number 2: Books and Pamphlets, Including Serials and Contributions to Periodicals (July - December)

Pro ASP.NET Core 3

This essential classic title provides a comprehensive foundation in the C# programming language and the frameworks it lives in. Now in its 8th edition, you'll find all the very latest C# 7.1 and .NET 4.7 features here, along with four brand new chapters on Microsoft's lightweight, cross-platform framework, .NET Core, up to and including .NET Core 2.0. Coverage of ASP.NET Core, Entity Framework (EF) Core, and more, sits alongside the latest updates to .NET, including Windows Presentation Foundation (WPF), Windows Communication Foundation (WCF), and ASP.NET MVC. Dive in and discover why Pro C# has been a favorite of C# developers worldwide for over 15 years. Gain a solid foundation in object-oriented

development techniques, attributes and reflection, generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). With the help of this book you'll have the confidence to put C# into practice and explore the .NET universe on your own terms. What You Will Learn Discover the latest C# 7.1 features, from tuples to pattern matching Hit the ground running with Microsoft's lightweight, open source .NET Core platform, including ASP.NET Core MVC, ASP.NET Core web services, and Entity Framework Core Find complete coverage of XAML, .NET 4.7, and Visual Studio 2017 Understand the philosophy behind .NET and the new, cross-platform alternative, .NET Core

Shock and Vibration Handbook

The only official, comprehensive reference guide to the CISSP All new for 2019 and beyond, this is the authoritative common body of knowledge (CBK) from (ISC)2 for information security professionals charged with designing, engineering, implementing, and managing the overall information security program to protect organizations from increasingly sophisticated attacks. Vendor neutral and backed by (ISC)2, the CISSP credential meets the stringent requirements of ISO/IEC Standard 17024. This CBK covers the new eight domains of CISSP with the necessary depth to apply them to the daily practice of information security. Written by a team of subject matter experts, this comprehensive reference covers all of the more than 300 CISSP objectives and sub-objectives in a structured format with: • Common and good practices for each objective • Common vocabulary and definitions • References to widely accepted computing standards • Highlights of successful approaches through case studies Whether you've earned your CISSP credential or are looking for a valuable resource to help advance your security career, this comprehensive guide offers everything you need to apply the knowledge of the most recognized body of influence in information security.

Pressure Vessel Design Manual

Fluids -- Heat transfer -- Thermodynamics -- Mechanical seals -- Pumps and compressors -- Drivers -- Gears -- Bearings -- Piping and pressure vessels -- Tribology -- Vibration -- Materials -- Stress and strain -- Fatigue -- Instrumentation -- Engineering economics.

Rules of Thumb for Mechanical Engineers

Teach yourself Visual C# 2010-one step at a time. Ideal for developers with fundamental programming skills, this practical tutorial features learn-by-doing exercises that demonstrate how, when, and why to use the features of the C# rapid application development environment. You'll learn how to use Microsoft Visual Studio 2010 and Microsoft .NET Framework

4.0; develop a solid, fundamental understanding of C# language features; and then get to work creating actual components and working applications for the Windows operating system. You'll also delve into data management technologies and Web-based applications.

Effective Java

Are you looking for a deeper understanding of the Java™ programming language so that you can write code that is clearer, more correct, more robust, and more reusable? Look no further! Effective Java™, Second Edition, brings together seventy-eight indispensable programmer's rules of thumb: working, best-practice solutions for the programming challenges you encounter every day. This highly anticipated new edition of the classic, Jolt Award-winning work has been thoroughly updated to cover Java SE 5 and Java SE 6 features introduced since the first edition. Bloch explores new design patterns and language idioms, showing you how to make the most of features ranging from generics to enums, annotations to autoboxing. Each chapter in the book consists of several "items" presented in the form of a short, standalone essay that provides specific advice, insight into Java platform subtleties, and outstanding code examples. The comprehensive descriptions and explanations for each item illuminate what to do, what not to do, and why. Highlights include: New coverage of generics, enums, annotations, autoboxing, the for-each loop, varargs, concurrency utilities, and much more Updated techniques and best practices on classic topics, including objects, classes, libraries, methods, and serialization How to avoid the traps and pitfalls of commonly misunderstood subtleties of the language Focus on the language and its most fundamental libraries: java.lang, java.util, and, to a lesser extent, java.util.concurrent and java.io Simply put, Effective Java™, Second Edition, presents the most practical, authoritative guidelines available for writing efficient, well-designed programs.

OpenGL Programming Guide

Master IT hardware and software installation, configuration, repair, maintenance, and troubleshooting and fully prepare for the CompTIA® A+ Core 1 (220-1001) and Core 2 (220-1002) exams. This is your all-in-one, real-world, full-color guide to connecting, managing, and troubleshooting modern devices and systems in authentic IT scenarios. Its thorough instruction built on the CompTIA A+ Core 1 (220-1001) and Core 2 (220-1002) exam objectives includes coverage of Windows 10, Mac, Linux, Chrome OS, Android, iOS, cloud-based software, mobile and IoT devices, security, Active Directory, scripting, and other modern techniques and best practices for IT management. Award-winning instructor Cheryl Schmidt also addresses widely-used legacy technologies—making this the definitive resource for mastering the tools and technologies you'll encounter in real IT and business environments. Schmidt's emphasis on both technical and soft skills will help you rapidly become a well-qualified, professional, and customer-friendly technician. LEARN MORE QUICKLY AND THOROUGHLY WITH

THESE STUDY AND REVIEW TOOLS: Learning Objectives and chapter opening lists of CompTIA A+ Certification Exam Objectives make sure you know exactly what you'll be learning, and you cover all you need to know Hundreds of photos, figures, and tables present information in a visually compelling full-color design Practical Tech Tips provide real-world IT tech support knowledge Soft Skills best-practice advice and team-building activities in every chapter cover key tools and skills for becoming a professional, customer-friendly technician Review Questions—including true/false, multiple choice, matching, fill-in-the-blank, and open-ended questions—carefully assess your knowledge of each learning objective Thought-provoking activities help students apply and reinforce chapter content, and allow instructors to "flip" the classroom if they choose Key Terms identify exam words and phrases associated with each topic Detailed Glossary clearly defines every key term Dozens of Critical Thinking Activities take you beyond the facts to deeper understanding Chapter Summaries recap key concepts for more efficient studying Certification Exam Tips provide insight into the certification exam and preparation process

Introduction to Information Retrieval

This revised edition of 'Lange's Handbook of Chemistry' provides a vast compilation of facts, data, tabular material and experimental findings in every area of chemistry.

Computer Networking: A Top-Down Approach Featuring the Internet, 3/e

Host of NBC's The Tonight Show and three-time #1 New York Times-bestselling author Jimmy Fallon returns with this sweet and spirited Christmas picture book. Just 5 more sleeps 'til Christmas! Can you believe it's here? I know that Santa's coming soon 'cause I've been good all year. Everyone who grew up celebrating Christmas remembers the excitement that built up to the most magical day of the year. But why not make the last week until Christmas more fun by counting how many sleeps until the arrival of Santa and his reindeer? Accompanied by the beautiful and energetic artwork of Rich Deas, enjoy the humor of Jimmy Fallon as he prepares readers for the most exciting week of the year in this new holiday tradition for your family—5 More Sleeps 'til Christmas.

Reciprocating Machinery Dynamics

This book is the most complete and up-to-date resource on Java from programming guru, Herb Schildt -- a must-have desk reference for every Java programmer.

Complete A+ Guide to IT Hardware and Software

Introduction to Programming Using Java

Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.

More Best Practices for Rotating Equipment

The American Joint Committee on Cancer's Cancer Staging Manual is used by physicians throughout the world to diagnose cancer and determine the extent to which cancer has progressed. All of the TNM staging information included in this Sixth Edition is uniform between the AJCC (American Joint Committee on Cancer) and the UICC (International Union Against Cancer). In addition to the information found in the Handbook, the Manual provides standardized data forms for each anatomic site, which can be utilized as permanent patient records, enabling clinicians and cancer research scientists to maintain consistency in evaluating the efficacy of diagnosis and treatment. The CD-ROM packaged with each Manual contains printable copies of each of the book's 45 Staging Forms.

Catalog of Copyright Entries

Compression Machinery for Oil and Gas is the go-to source for all oil and gas compressors across the industry spectrum. Covering multiple topics from start to finish, this reference gives a complete guide to technology developments and their applications and implementation, including research trends. Including information on relevant standards and developments in subsea and downhole compression, this book aids engineers with a handy, single resource that will help them stay up-to-date on the compressors needed for today's oil and gas applications. Provides an overview of the latest technology, along with a detailed discussion of engineering Delivers on the efficiency, range and limit estimations for machines Pulls together multiple contributors to balance content from both academics and corporate research

Ready Player One

More Best Practices for Rotating Equipment follows Forsthoffer's multi-volume Rotating Equipment Handbooks, addressing the latest best practices in industrial rotating machinery and also including a comprehensive treatment of the basics for reference. The author's famous troubleshooting approach teaches the reader proven methodologies for installation, operation, and maintenance of equipment, and covers all phases of work with rotating equipment. Reliability optimization is also addressed for the first time. The book is ideal for engineers working in the design, installation, operation, and maintenance of power machinery. It is also an essential source of information for postgraduate students and researchers of mechanical and industrial engineering. Presents 200 new best practices for rotating equipment Offers an easy-to-use reference, with each chapter addressing a different type of equipment Covers all phases of work with rotating equipment, from pre-commissioning through maintenance

The Road

The Gas Turbine Engineering Handbook has been the standard for engineers involved in the design, selection, and operation of gas turbines. This revision includes new case histories, the latest techniques, and new designs to comply with recently passed legislation. By keeping the book up to date with new, emerging topics, Boyce ensures that this book will remain the standard and most widely used book in this field. The new Third Edition of the Gas Turbine Engineering Hand Book updates the book to cover the new generation of Advanced gas Turbines. It examines the benefit and some of the major problems that have been encountered by these new turbines. The book keeps abreast of the environmental changes and the industries answer to these new regulations. A new chapter on case histories has been added to enable the engineer in the field to keep abreast of problems that are being encountered and the solutions that have resulted in solving them. Comprehensive treatment of Gas Turbines from Design to Operation and Maintenance. In depth treatment of Compressors with emphasis on surge, rotating stall, and choke; Combustors with emphasis on Dry Low NOx Combustors; and Turbines with emphasis on Metallurgy and new cooling schemes. An excellent introductory book for the student and field engineers A special maintenance section dealing with the advanced gas turbines, and special diagnostic charts have been provided that will enable the reader to troubleshoot problems he encounters in the field The third edition consists of many Case Histories of Gas Turbine problems. This should enable the field engineer to avoid some of these same generic problems

AJCC Cancer Staging Manual

NATIONAL BESTSELLER WINNER OF THE PULITZER PRIZE The searing, post-apocalyptic novel about a father and son's fight to survive. A father and his son walk alone through burned America. Nothing moves in the ravaged landscape save the ash

on the wind. It is cold enough to crack stones, and when the snow falls it is gray. The sky is dark. Their destination is the coast, although they don't know what, if anything, awaits them there. They have nothing; just a pistol to defend themselves against the lawless bands that stalk the road, the clothes they are wearing, a cart of scavenged food—and each other. The Road is the profoundly moving story of a journey. It boldly imagines a future in which no hope remains, but in which the father and his son, "each the other's world entire," are sustained by love. Awesome in the totality of its vision, it is an unflinching meditation on the worst and the best that we are capable of: ultimate destructiveness, desperate tenacity, and the tenderness that keeps two people alive in the face of total devastation. A New York Times Notable Book One of the Best Books of the Year The Boston Globe, The Christian Science Monitor, The Denver Post, The Kansas City Star, Los Angeles Times, New York, People, Rocky Mountain News, Time, The Village Voice, The Washington Post

Acoustics. Determination of Sound Power Levels of Noise Sources Using Sound Intensity

The notebook is beautifully produced. Perfect for personal use or for an affortable gift. Great gift for your Friend, Boyfriend, Boss whose name is Tucker. Get yours today! Visit our author page "Johny Style Publishing" for more from this series. To easily find the name you are interested in follow a certain pattern. Write : "name + notebook + simple gift " in search option in amazon. For example you are interested in name "Johnny". So you just write in search window: "Johnny notebook simple gift ". If you still can not find it on the first page, probably is not available yet. We're constantly working on new names so you can try again later. Specifications: Cover Finish: Matte Dimensions: 6" x 9" (15.24 x 22.86 cm) Interior: Blank, White Paper, lined Pages: 110

Foundation Analysis and Design

Gas Turbine Engineering Handbook

#1 NEW YORK TIMES BESTSELLER • Now a major motion picture directed by Steven Spielberg. "Enchanting . . . Willy Wonka meets The Matrix."—USA Today • "As one adventure leads expertly to the next, time simply evaporates."—Entertainment Weekly A world at stake. A quest for the ultimate prize. Are you ready? In the year 2045, reality is an ugly place. The only time Wade Watts really feels alive is when he's jacked into the OASIS, a vast virtual world where most of humanity spends their days. When the eccentric creator of the OASIS dies, he leaves behind a series of fiendish puzzles, based on his obsession with the pop culture of decades past. Whoever is first to solve them will inherit his vast fortune—and control of the OASIS itself. Then Wade cracks the first clue. Suddenly he's beset by rivals who'll kill to take this prize. The race is on—and the only way to survive is to win. NAMED ONE OF THE BEST BOOKS OF THE YEAR BY Entertainment Weekly • San

Francisco Chronicle • Village Voice • Chicago Sun-Times • iO9 • The AV Club "Delightful . . . the grown-up's Harry Potter."—HuffPost "An addictive read . . . part intergalactic scavenger hunt, part romance, and all heart."—CNN "A most excellent ride . . . Cline stuffs his novel with a cornucopia of pop culture, as if to wink to the reader."—Boston Globe "Ridiculously fun and large-hearted . . . Cline is that rare writer who can translate his own dorky enthusiasms into prose that's both hilarious and compassionate."—NPR "[A] fantastic page-turner . . . starts out like a simple bit of fun and winds up feeling like a rich and plausible picture of future friendships in a world not too distant from our own."—iO9

Call Me by Your Name

This bestselling comprehensive guide to ASP.NET Core is the only book you need for ASP.NET Core development. Period. Professional developers will produce leaner applications for the ASP.NET Core platform using the guidance in this full-color book, now in its 8th edition and updated for ASP.NET Core 3. It contains detailed explanations of the ASP.NET Core platform and the application frameworks it supports. This edition puts ASP.NET Core 3 into context and dives deep into the tools and techniques required to build modern, extensible, web applications. New features and capabilities such as MVC 3, Razor Pages, Blazor Server, and Blazor WebAssembly are covered, along with demonstrations of how they are applied. ASP.NET Core 3 is the latest evolution of Microsoft's ASP.NET web platform and provides a "host-agnostic" framework and a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility. Best-selling author Adam Freeman has thoroughly revised this market-leading book and explains how to get the most from ASP.NET Core 3. He starts with the nuts-and-bolts topics, teaching you about middleware components, built-in services, request model binding, and more. As you gain knowledge and confidence, he introduces increasingly more complex topics and advanced features, including endpoint routing and dependency injection. He goes in depth to give you the knowledge you need. This book follows the same format and style as the popular previous editions but brings everything up-to-date for the new ASP.NET Core 3 release and broadens the focus to include the entire ASP.NET Core platform. You will appreciate the fully worked case study of a functioning ASP.NET Core application that you can use as a template for your own projects. What You Will Learn Build a solid foundation and skill set for working with the entire ASP.NET Core platform Apply the new ASP.NET Core 3 features in your developer environment See how to create RESTful web services, web applications, and client-side applications Build on your existing knowledge to get up and running with new programming models quickly and effectively Who This Book Is For This book is for Microsoft developers and assumes a basic knowledge of web development and C#. While written for professionals who want to incorporate the latest improvements and functionality of ASP.NET Core 3 into their own projects, it also serves as an in-depth and complete reference on the topic. Beginners with some background in Microsoft web development will also benefit from the comprehensive coverage of the topic.

Lange's Handbook of Chemistry

Gas Well Deliquification

A comprehensive introduction to type systems and programming languages. A type system is a syntactic method for automatically checking the absence of certain erroneous behaviors by classifying program phrases according to the kinds of values they compute. The study of type systems—and of programming languages from a type-theoretic perspective—has important applications in software engineering, language design, high-performance compilers, and security. This text provides a comprehensive introduction both to type systems in computer science and to the basic theory of programming languages. The approach is pragmatic and operational; each new concept is motivated by programming examples and the more theoretical sections are driven by the needs of implementations. Each chapter is accompanied by numerous exercises and solutions, as well as a running implementation, available via the Web. Dependencies between chapters are explicitly identified, allowing readers to choose a variety of paths through the material. The core topics include the untyped lambda-calculus, simple type systems, type reconstruction, universal and existential polymorphism, subtyping, bounded quantification, recursive types, kinds, and type operators. Extended case studies develop a variety of approaches to modeling the features of object-oriented languages.

Tucker

Full text engineering e-book.

Java Software Solutions

Liquid loading can reduce production and shorten the lifecycle of a well costing a company millions in revenue. A handy guide on the latest techniques, equipment, and chemicals used in de-watering gas wells, Gas Well Deliquification, 2nd Edition continues to be the engineer's choice for recognizing and minimizing the effects of liquid loading. The 2nd Edition serves as a guide discussing the most frequently used methods and tools used to diagnose liquid loading problems and reduce the detrimental effects of liquid loading on gas production. With new extensive chapters on Coal Bed Methane and Production this is the essential reference for operating engineers, reservoir engineers, consulting engineers and service companies who supply gas well equipment. It provides managers with a comprehensive look into the methods of successful Production Automation as well as tools for the profitable use, production and supervision of coal bed gases. • Turnkey solutions for the problems of liquid loading interference • Based on decades of practical, easy to use methods of de-

watering gas wells • Expands on the 1st edition's useful reference with new methods for utilizing Production Automation and managing Coal Bed Methane

Data Mining: Concepts and Techniques

Solve any mechanical engineering problem quickly and easily This trusted compendium of calculation methods delivers fast, accurate solutions to the toughest day-to-day mechanical engineering problems. You will find numbered, step-by-step procedures for solving specific problems together with worked-out examples that give numerical results for the calculation. Covers: Power Generation; Plant and Facilities Engineering; Environmental Control; Design Engineering New Edition features methods for automatic and digital control; alternative and renewable energy sources; plastics in engineering design

Psychology and Personal Growth

A revision of a reference work on shock and vibration. This edition covers shock and vibration fundamentals, instrumentation and measurements, and data analysis and testing.

5 More Sleeps 'til Christmas

Handbook of Mechanical Engineering Calculations, Second Edition

Now in its sixth edition, Pipeline Rules of Thumb Handbook has been and continues to be the standard resource for any professional in the pipeline industry. A practical and convenient reference, it provides quick solutions to the everyday pipeline problems that the pipeline engineer, contractor, or designer faces. Pipeline Rules of Thumb Handbook assembles hundreds of shortcuts for pipeline construction, design, and engineering. Workable "how-to" methods, handy formulas, correlations, and curves all come together in this one convenient volume. Save valuable time and effort using the thousands of illustrations, photographs, tables, calculations, and formulas available in an easy to use format Updated and revised with new material on project scoping, plastic pipe data, HDPE pipe data, fiberglass pipe, NEC tables, trenching, and much more A book you will use day to day guiding every step of pipeline design and maintenance

Turboexpanders and Process Applications

The revision of this best-selling text for a junior/senior course in Foundation Analysis and Design now includes an IBM

computer disk containing 16 compiled programs together with the data sets used to produce the output sheets, as well as new material on sloping ground, pile and pile group analysis, and procedures for an improved anlysis of lateral piles. Bearing capacity analysis has been substantially revised for footings with horizontal as well as vertical loads. Footing design for overturning now incorporates the use of the same uniform linear pressure concept used in ascertaining the bearing capacity. Increased emphasis is placed on geotextiles for retaining walls and soil nailing.

Pro C# 7

Includes Complete Coverage of the OpenGL® Shading Language! Today's OpenGL software interface enables programmers to produce extraordinarily high-quality computer-generated images and interactive applications using 2D and 3D objects, color images, and programmable shaders. OpenGL® Programming Guide: The Official Guide to Learning OpenGL®, Version 4.3, Eighth Edition, has been almost completely rewritten and provides definitive, comprehensive information on OpenGL and the OpenGL Shading Language. This edition of the best-selling "Red Book" describes the features through OpenGL version 4.3. It also includes updated information and techniques formerly covered in OpenGL® Shading Language (the "Orange Book"). For the first time, this guide completely integrates shader techniques, alongside classic, functioncentric techniques. Extensive new text and code are presented, demonstrating the latest in OpenGL programming techniques. OpenGL® Programming Guide, Eighth Edition, provides clear explanations of OpenGL functionality and techniques, including processing geometric objects with vertex, tessellation, and geometry shaders using geometric transformations and viewing matrices; working with pixels and texture maps through fragment shaders; and advanced data techniques using framebuffer objects and compute shaders. New OpenGL features covered in this edition include Best practices and sample code for taking full advantage of shaders and the entire shading pipeline (including geometry and tessellation shaders) Integration of general computation into the rendering pipeline via compute shaders Techniques for binding multiple shader programs at once during application execution Latest GLSL features for doing advanced shading techniques Additional new techniques for optimizing graphics program performance

OpenGL Programming Guide

An exploration of developments in, and effects of, internal combustion engines, compressors and pumps, on the structural dynamic characteristics of components and systems, covering the fundamentals of vibration theory, design, construction and equipment operation. It includes software for evaluating system and component performance, spreadsheet calculations, and program modules arranged to determine a full array of design parameters, dimensions, and dynamic characteristics.

Computer Organization & Architecture 7e

Data Mining: Concepts and Techniques provides the concepts and techniques in processing gathered data or information, which will be used in various applications. Specifically, it explains data mining and the tools used in discovering knowledge from the collected data. This book is referred as the knowledge discovery from data (KDD). It focuses on the feasibility, usefulness, effectiveness, and scalability of techniques of large data sets. After describing data mining, this edition explains the methods of knowing, preprocessing, processing, and warehousing data. It then presents information about data warehouses, online analytical processing (OLAP), and data cube technology. Then, the methods involved in mining frequent patterns, associations, and correlations for large data sets are described. The book details the methods for data classification and introduces the concepts and methods for data clustering. The remaining chapters discuss the outlier detection and the trends, applications, and research frontiers in data mining. This book is intended for Computer Science students, application developers, business professionals, and researchers who seek information on data mining. Presents dozens of algorithms and implementation examples, all in pseudo-code and suitable for use in real-world, large-scale data mining projects Addresses advanced topics such as mining object-relational databases, spatial databases, multimedia databases, time-series databases, text databases, the World Wide Web, and applications in several fields Provides a comprehensive, practical look at the concepts and techniques you need to get the most out of your data

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION