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Corrosion Resistant 13Cr Martensitic Stainless-Steel Tubing and Casing [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net]

https://www.chinesestandard.net *[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Standard specifies the technical delivery conditions for corrosion resistant 13Cr martensitic stainless-steel tubing and casing manufactured by Baoshan Iron and Steel Co., Ltd. This Standard is applicable to seamless tubing and casing (hereinafter referred to as tubing and casing) used in CO2-containing oil and gas environments in oil and gas exploration of the petroleum and natural gas industry.*

SEPs, SSOs and FRAND

Asian and Global Perspectives on Fostering Innovation in Interconnectivity

Routledge *This book is a very useful reference guide on how de jure and de facto standards are being developed and how these standards compete against each other. The book also looks at how FRAND commitments are being determined across countries, how these disputes have played out, especially in Asia, and how they can be better dealt with in future globally. The book gives a broad overview of the business model of dominant SEP patentees and analyzes some standards for FRAND licensing of SEPs which are converging in major Asian jurisdictions. It highlights the need for ex ante regulation in the FRAND licensing of SEPs and suggests how we can reconcile conflicts which may arise from different legal standards. This book provides detailed and comprehensive analysis of recent SEP cases with an emphasis on Asia and will interest anyone who wishes to have more insight into the legal, policy, industrial and economic implications of such issues.*

Trust, Privacy and Security in Digital Business

4th International Conference, TrustBus 2007, Regensburg, Germany, September 3-7, 2007, Proceedings

Springer *This volume features the refereed proceedings of the 4th International Conference on Trust and Privacy in Digital Business. The 28 papers were all carefully reviewed. They cover privacy and identity management, security and risk management, security requirements and development, privacy enhancing technologies and privacy management, access control models, trust and reputation, security protocols, and security and privacy in mobile environments.*

Environmentally Friendly and Biobased Lubricants

CRC Press *A Comprehensive Review of Developing Environmentally Friendly Lubricants A push from environmentally savvy consumers along with recent changes in governmental regulations have paved the way for a marketplace of products with high levels of environmental performance. Fueled by the growing demand for biobased lubricants, Environmentally Friendly and Biobased Lubricants highlights the development of environmentally friendly additives that are compatible with environmental regulations and describes the approaches being used in this emerging area. Derived from research topics shared over the years at various technical sessions of the Society of Tribologists and Lubrication Engineers (STLE) Annual Meetings, the book includes a critical assessment of gaps and weaknesses in the field of environmentally friendly fluids and biobased lubricants. Each chapter is written by authors selected from the environmentally friendly fluids and biobased lubricants sessions of STLE and also incorporates input from prominent researchers invited to take part in the book. Expert contributors discuss the control, production, usage, and disposal of lubricants; factor in related policies, laws, and regulations around the world; and include case studies demonstrating the uses and values of commercially viable biobased lubricants. The book is divided into five sections that cover advanced environmentally friendly base oils and feedstocks, biobased hydraulic lubricants and biodegradability, chemically/enzymatically modified environmentally friendly base oils, vegetable oil–based environmentally friendly fluids, and additives for environmentally friendly fluids.*

Standard Handbook Oil Spill Environmental Forensics

Fingerprinting and Source Identification

Academic Press *Standard Handbook Oil Spill Environmental Forensics: Fingerprinting and Source Identification, Second Edition, provides users with the latest information on the tools and methods that have become popular over the past ten years. The book presents practitioners with the latest environmental forensics techniques and best practices for quickly identifying the sources of spills, how to form an effective response, and how to determine liability. This second edition represents a complete overhaul of the existing chapters, and includes 13 new chapters on methods and applications, such as emerging application of PAHi isomers in oil spill forensics, development and application of computerized oil spill identification (COSI), and fingerprinting of oil in biological and passive sampling devices. Contains 13 new chapters on methods and applications, including emerging application of PAH isomers in oil drill forensics, the development and application of computerized oil spill identification (COSI), and the fingerprinting of oil in biological and passive sampling devices Presents the latest technology and methods in biodegradation of oil hydrocarbons and its implications for source identification, surface trajectory modeling of marine oil spills, and identification of hydrocarbons in biological samples for source determination Contains new case studies to illustrate key applications, methods, and techniques*

The State of Open Data

Histories and Horizons

African Minds *It's been ten years since open data first broke onto the global stage. Over the past decade, thousands of programmes and projects around the world have worked to open data and use it to address a myriad of social and economic challenges. Meanwhile, issues related to data rights and privacy have moved to the centre of public and political discourse. As the open data movement enters a new phase in its evolution, shifting to target real-world problems and embed open data thinking into other existing or emerging communities of practice, big questions still remain. How will open data initiatives respond to new concerns about privacy, inclusion, and artificial intelligence? And what can we learn from the last decade in order to deliver impact where it is most needed? The State of Open Data brings together over 60 authors from around the world to address these questions and to take stock of the real progress made to date across sectors and around the world, uncovering the issues that will shape the future of open data in the years to come.*

GB/T 20801.2-2020: Translated English of Chinese Standard. (GBT20801.2-2020)

Pressure piping code -- Industrial piping -- Part 2: Materials [Tips: BUY here & GET online-reading at GOOGLE. Then, if you need unprotected-PDF for offline-reading,

WRITE to Wayne: Sales@ChineseStandard.net]

Planning and Implementing Resource Discovery Tools in Academic Libraries

IGI Global *"This book addresses the many new resource discovery tools and products in existence as well as their potential uses and applications"--Provided by publisher.*

RESTful Web APIs

Services for a Changing World

"O'Reilly Media, Inc." *The popularity of REST in recent years has led to tremendous growth in almost-RESTful APIs that don't include many of the architecture's benefits. With this practical guide, you'll learn what it takes to design usable REST APIs that evolve over time. By focusing on solutions that cross a variety of domains, this book shows you how to create powerful and secure applications, using the tools designed for the world's most successful distributed computing system: the World Wide Web. You'll explore the concepts behind REST, learn different strategies for creating hypermedia-based APIs, and then put everything together with a step-by-step guide to designing a RESTful Web API. Examine API design strategies, including the collection pattern and pure hypermedia Understand how hypermedia ties representations together into a coherent API Discover how XMDP and ALPS profile formats can help you meet the Web API "semantic challenge" Learn close to two-dozen standardized hypermedia data formats Apply best practices for using HTTP in API implementations Create Web APIs with the JSON-LD standard and other the Linked Data approaches Understand the CoAP protocol for using REST in embedded systems*

Current Security Management & Ethical Issues of Information Technology

IGI Global *"This scholarly examination of the ethical issues in information technology management covers basic details such as improving user education and developing security requirements as well as more complicated and far-reaching problems such as protecting infrastructure against information warfare. Social responsibility is analyzed with global examples and applications, including knowledge-based society in Latin America, socioeconomics factors of technology in the United States, and system ethics in the Arab world."*

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Corrosion resistant 13Cr martensitic stainless steel tubing and casing [Tips: BUY here & GET online-reading at GOOGLE. Then, if you need unprotected-PDF for offline-reading, WRITE to Wayne: Sales@ChineseStandard.net]

Progress in Cryptology – AFRICACRYPT 2016

8th International Conference on Cryptology in Africa, Fes, Morocco, April 13-15, 2016, Proceedings

Springer *This book constitutes the thoroughly refereed proceedings of the 8th International Conference on the Theory and Application of Cryptographic Techniques in Africa, AFRICACRYPT 2016, held in Fes, Morocco, in April 2016. The 18 papers presented in this book were carefully reviewed and selected from 65 submissions. The aim of Africacrypt 2016 is to provide an international forum for practitioners and researchers from industry, academia and government from all over the world for a wide ranging discussion of all forms of cryptography. Topics of interest are such as lattices; elliptic curves; secret-key cryptanalysis; efficient implementations; secure protocols; and public-key cryptography.*

.NET 4 Wrox PDF Bundle

Professional ASP.NET 4, Professional C# 4, VB 2010 Programmer's Ref, WPF Programmer's Ref, Professional Visual Studio 2010

John Wiley & Sons *The books included in this set are: 9780470502204 Professional ASP.NET 4: in C# and VB: Written by three highly recognized and regarded ASP.NET experts, this book provides comprehensive coverage on ASP.NET 4 with a unique approach featuring examples in both C# and VB, as is the incomparable coverage of core ASP.NET. After a fast-paced refresher on essentials such as server controls, the book delves into expert coverage of all the latest capabilities of ASP.NET 4. 9780470502259 Professional C# 4 and .NET 4: After a quick refresher on C# basics, the author dream team moves on to provide you with details of language and framework features including LINQ, LINQ to SQL, LINQ to XML, WCF, WPF, Workflow, and Generics. Coverage also spans ASP.NET programming with C#, working in Visual Studio 2010 with C#, and more. With this book, you'll quickly get up to date on all the newest capabilities of C# 4. 9780470548653 Professional Visual Studio 2010: This book gets you quickly up to speed on what you can expect from Visual Studio 2010. Packed with helpful examples, this comprehensive guide explains examines the features of Visual Studio 2010, which allows you to create and manage programming projects for the Windows platform. It walks you through every facet of the Integrated Development Environment (IDE), from common tasks and functions to its powerful tools 9780470499832 Visual Basic 2010 Programmer's Reference: This reference guide provides you with a broad, solid understanding of essential Visual Basic 2010 topics and clearly explains how to use this powerful programming language to perform a variety of tasks. As a tutorial, the book describes the Visual Basic language and covers essential Visual Basic topics. The material presents categorized information regarding specific operations and reveals useful tips, tricks, and tidbits to help you make the most of the new Visual Basic 2010. 9780470477229 WPF Programmer's Reference: Windows Presentation Foundation with C# 2010 and .NET 4: Written by a leading expert on Microsoft graphics programming, this richly illustrated book provides an introduction to WPF development and explains fundamental WPF concepts. It is packed with helpful examples and progresses through a range of topics that gradually increase in their complexity. 9780470257029 Professional SQL Server 2008 Programming: This expanded best-seller includes new coverage of SQL Server 2008's new datatypes, new indexing structures, manageability features, and advanced time-zone handling. As an added bonus, also includes Professional SQL Server 2005 Programmers for .NET 4 developers still working in a SQL Server 2005 setting.*

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Cost-effective Tubing and Casing for CO2-containing or CO2 & H2S-containing Environment [Tips: BUY here & GET online-reading at GOOGLE. Then, if you need unprotected-PDF for offline-reading, WRITE to Wayne: Sales@ChineseStandard.net]

Safety and Health for Engineers

John Wiley & Sons SAFETY AND HEALTH FOR ENGINEERS A comprehensive resource for making products, facilities, processes, and operations safe for workers, users, and the public Ensuring the health and safety of individuals in the workplace is vital on an interpersonal level but is also crucial to limiting the liability of companies in the event of an onsite injury. The Bureau of Labor Statistics reported over 4,700 fatal work injuries in the United States in 2020, most frequently in transportation-related incidents. The same year, approximately 2.7 million workplace injuries and illnesses were reported by private industry employers. According to the National Safety Council, the cost in lost wages, productivity, medical and administrative costs is close to 1.2 trillion dollars in the US alone. It is imperative—by law and ethics—for engineers and safety and health professionals to drive down these statistics by creating a safe workplace and safe products, as well as maintaining a safe environment. Safety and Health for Engineers is considered the gold standard for engineers in all specialties, teaching an understanding of many components necessary to achieve safe workplaces, products, facilities, and methods to secure safety for workers, users, and the public. Each chapter offers information relevant to help safety professionals and engineers in the achievement of the first canon of professional ethics: to protect the health, safety, and welfare of the public. The textbook examines the fundamentals of safety, legal aspects, hazard recognition and control, the human element, and techniques to manage safety decisions. In doing so, it covers the primary safety essentials necessary for certification examinations for practitioners. Readers of the fourth edition of Safety and Health for Engineers readers will also find: Updates to all chapters, informed by research and references gathered since the last publication The most up-to-date information on current policy, certifications, regulations, agency standards, and the impact of new technologies, such as wearable technology, automation in transportation, and artificial intelligence New international information, including U.S. and foreign standards agencies, professional societies, and other organizations worldwide Expanded sections with real-world applications, exercises, and 164 case studies An extensive list of references to help readers find more detail on chapter contents A solution manual available to qualified instructors Safety and Health for Engineers is an ideal textbook for courses in safety engineering around the world in undergraduate or graduate studies, or in professional development learning. It also is a useful reference for professionals in engineering, safety, health, and associated fields who are preparing for credentialing examinations in safety and health.

No Standard Oil

Managing Abundant Petroleum in a Warming World

Oxford University Press "The next decade will be decisive in the fight against climate change. It will be impossible to hold the planet to a 1.5o C temperature rise without controlling methane and CO2 emissions from the oil and gas sector. Contrary to popular belief, the world will not run out of these resources anytime soon. Instead, oil and gas are becoming more climate-intensive to supply using technologies like fracking oil and liquefying gas-even as we continue to use these abundant resources to fuel our cars, heat our homes, and produce consumer goods like shampoo, pajamas, and paint. Policymakers, financial investors, environmental advocates, and citizens need to understand what oils and fossil fuels are doing to our climate to inform decisionmaking. In No Standard Oil, Deborah Gordon shows that no two oils or gases are environmentally alike. Each has a distinct, quantifiable climate impact. While all oils and gases pollute, some are much worse for the climate than others. In clear, accessible language, Gordon explains the results of the Oil Climate Index Plus Gas (OCI+), an innovative, open-source model that estimates global oil and gas greenhouse gas emissions. Gordon identifies the oils and gases from every region of the globe-along with the specific production, processing, and refining activities-that are the most damaging to the planet, and proposes innovative solutions to reduce their climate footprints. Global climate stabilization cannot afford to wait for oil and gas to run out. No Standard Oil shows how we can take immediate, practical steps to cut greenhouse gas emissions in the crucial oil and gas sector while making sustainable progress in transitioning to a carbon-free energy future"--

High-Performance Bolting Technology for Offshore Oil and Natural Gas Operations

National Academies Press Commercially significant amounts of crude oil and natural gas lie under the continental shelf of the United States. Advances in locating deposits, and improvements in drilling and recovery technology, have made it technically and economically feasible to extract these resources under harsh conditions. But extracting these offshore petroleum resources involves the possibility, however remote, of oil spills, with resulting damage to the ocean and the coastline ecosystems and risks to life and limb of those performing the extraction. The environmental consequences of an oil spill can be more severe underwater than on land because sea currents can quickly disperse the oil over a large area and, thus, cleanup can be problematic. Bolted connections are an integral feature of deep-water well operations. High-Performance Bolting Technology for Offshore Oil and Natural Gas Operations summarizes strategies for improving the reliability of fasteners used in offshore oil exploration equipment, as well as best practices from other industrial sectors. It focuses on critical boltingâ€"bolts, studs, nuts, and fasteners used on critical connections.

Proceedings of the Eleventh National Conference on Communications

NCC-2005, 28-30 January, 2005

Allied Publishers

Current Affairs Monthly Capsule July 2021 Guide: Download PDF!

Current Affairs Monthly Capsule July 2021 Guide Out: An Exclusive Ebook on World & India Affairs.

Testbook.com This exclusive ebook on Current Affairs Monthly Capsule July 2021 Guide covers trending July affairs on 17 broad subjects involving National & International issues. Download PDF to know more about current Govt. policies, Awards, Days/Events, etc.

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Heat-resistant casing [Tips: BUY here & GET online-reading at GOOGLE. Then, if you need unprotected-PDF for offline-reading, WRITE to Wayne: Sales@ChineseStandard.net]

https://www.chinesestandard.net This Standard specifies the technical conditions for the delivery of heat-resistant casings of Baoshan Iron & Steel Co., Ltd. This Standard is applicable to the seamless casing in heavy oil recovery of petroleum and natural gas industries and in other high temperature environments. The casing steel grades in this Standard are: BG80H, BG90H, BG100H, BG110H, BG110H-3Cr, BG130H-3Cr. The casing specified in this Standard contains three product specification levels (PSL1, PSL2, PSL3).

Analysis and Analyzers

CRC Press The Instrument and Automation Engineers' Handbook (IAEH) is the #1 process automation handbook in the world. Volume two of the Fifth Edition, Analysis and Analyzers, describes the measurement of such analytical properties as composition. Analysis and Analyzers is an invaluable resource that describes the availability, features, capabilities, and selection of analyzers used for determining the quality and compositions of liquid, gas, and solid products in many processing industries. It is the first time that a separate volume is devoted to analyzers in the IAEH. This is because, by converting the handbook into an international one, the coverage of analyzers has almost doubled since the last edition. Analysis and Analyzers: Discusses the advantages and disadvantages of various process analyzer designs Offers application- and method-specific guidance for choosing the best analyzer Provides tables of analyzer capabilities and other practical information at a glance Contains detailed descriptions of domestic and overseas products, their features, capabilities, and suppliers, including suppliers' web addresses Complete with 82 alphabetized chapters and a thorough index for quick access to specific information, Analysis and Analyzers is a must-have reference for instrument and automation engineers working in the chemical, oil/gas, pharmaceutical, pollution, energy, plastics, paper, wastewater, food, etc. industries. About the eBook The most important new feature of the IAEH, Fifth Edition is its availability as an eBook. The eBook provides the same content as the print edition, with the addition of thousands of web addresses so that readers can reach suppliers or reference books and articles on the hundreds of topics covered in the handbook. This feature includes a complete bidders' list that allows readers to issue their specifications for competitive bids from any or all potential product suppliers.

Creating Mobile Apps with Xamarin.Forms Preview Edition 2

Microsoft Press This second Preview Edition ebook, now with 16 chapters, is about writing applications for Xamarin.Forms, the new mobile development platform for iOS, Android, and Windows phones unveiled by Xamarin in May 2014. Xamarin.Forms lets you write shared user-interface code in C# and XAML that maps to native controls on these three platforms.

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Tubing and Casing for H2S-containing Environment [Tips: BUY here & GET online-reading at GOOGLE. Then, if you need unprotected-PDF for offline-reading, WRITE to Wayne: Sales@ChineseStandard.net]

https://www.chinesestandard.net *This Standard specifies the technical delivery conditions of anti-corrosion tubing and casing for H2S-containing environment for Baoshan Iron and Steel Co., Ltd. This Standard is applicable to seamless tubing and casing (hereinafter referred to as tubing and casing) that is applied under H2S-containing acid oil and gas environment in oil and gas exploitation in the petroleum and natural gas industry.*

The Greenhouse Gas Protocol

A Corporate Accounting and Reporting Standard

World Resources Inst *The GHG Protocol Corporate Accounting and Reporting Standard helps companies and other organizations to identify, calculate, and report GHG emissions. It is designed to set the standard for accurate, complete, consistent, relevant and transparent accounting and reporting of GHG emissions.*

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Cost-Effective Tubing and Casing for CO2-Containing or CO2 & H2S-Containing Environment [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net]

https://www.chinesestandard.net *[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Standard specifies the delivery technical conditions for Baoshan Iron and Steel Co., Ltd.'s cost-effective CO2 and CO2+H2S corrosive resistant tubing and casing. This Standard is applicable to cost-effective seamless tubing and casing used in the medium or mild CO2 corrosive environment or CO2+H2S compound corrosive environment in oil and gas exploitation of the petroleum and natural gas industry. The steel grades of tubing and casing in this Standard include: BG80-3Cr, BG90-3Cr, BG95-3Cr and BG110-3Cr, which are suitable for CO2 corrosive environments; BG80S-3Cr, BG90S-3Cr and BG95S-3Cr, which are suitable for CO2+H2S compound corrosive environment.*

Senior Design Projects in Mechanical Engineering

A Guide Book for Teaching and Learning

Springer Nature

The U.S. Healthcare System

Origins, Organization and Opportunities

John Wiley & Sons *Provides a diverse, multi-faceted approach to health care evaluation and management The U.S. Health Care System: Origins, Organization and Opportunities provides a comprehensive introduction and resource for understanding healthcare management in the United States. It brings together the many "moving parts" of this large and varied system to provide both a bird's-eye view as well as relevant details of the complex mechanisms at work. By focusing on stakeholders and their interests, this book analyzes the value propositions of the buyers and sellers of healthcare products and services along with the interests of patients. The book begins with a presentation of frameworks for understanding the structure of the healthcare system and its dynamic stakeholder inter-relationships. The chapters that follow each begin with their social and historical origins, so the reader can fully appreciate how that area evolved. The next sections on each topic describe the current environment and opportunities for improvement. Throughout, the learning objectives focus on three areas: frameworks for understanding issues, essential factual knowledge, and resources to keep the reader keep up to date. Healthcare is a rapidly evolving field, due to the regulatory and business environments as well as the advance of science. To keep the content current, online updates are provided at: www.HealthcareInsights.MD. This website also offers a weekday blog of important/interesting news and teaching notes/class discussion suggestions for instructors who use the book as a text. The U.S. Health Care System: Origins, Organization and Opportunities is an ideal textbook for healthcare courses in MBA, MPH, MHA, and public policy/administration programs. In piloting the content, over the past several years the author has successfully used drafts of chapters in his Healthcare Systems course for MBA and MPH students at Northwestern University. The book is also useful for novice or seasoned suppliers, payers and providers who work across the healthcare field and want a wider or deeper understanding of the entire system.*

Web Standards

Mastering HTML5, CSS3, and XML

Apress *Web Standards: Mastering HTML5, CSS3, and XML provides solutions to the most common website problems, and gives you a deep understanding of web standards and how they can be applied to improve your website. You will learn how to create fully standards-compliant websites and provide search engine-optimized Web documents with faster download times, accurate rendering, correct appearance and layout, lower development cost, approved accessibility, backward and forward compatibility, and easy maintenance and content updating. The book covers all major Web standards, focusing on syntax, grammar, recommended annotations, and other standardization concerns. Web Standards: Mastering HTML5, CSS3, and XML is also a comprehensive guide to current and future standards for the World Wide Web. As a web developer, you'll have seen problems with inconsistent appearance and behavior of the same site in different browsers. Web standards can and should be used to completely eliminate these problems. Web Standards: Mastering HTML5, CSS3, and XML describes how you can make the most of web standards, through technology discussions as well as practical sample code that you can use for your own sites and web applications. It also provides a quick guide to website creation for Web developers. Learn techniques and best practices to achieve full standards compliance Write valid markup, styles, and news feeds from scratch or standardize websites by redesign Restrict markup to semantics and provide reliable layout*

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Tubing and Casing for H2S-Containing Environment [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net]

https://www.chinesestandard.net *[After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This Standard specifies the delivery technical conditions of tubing and casing for H2Scontaining environment produced by Baoshan Iron and Steel Co., Ltd. This Standard applies to seamless tubing and casing (hereinafter referred to as tubing and casing) used in acid oil and gas environments containing H2S in oil and gas exploration of the petroleum and natural gas industry. The steel grades of tubing and casing in this Standard include: BG80S, BG80SS, BG90S, BG90SS, BG95S, BG95SS, BG110S, BG110SS, BG110TS, BG110TSS.*

Service Oriented Enterprises

CRC Press *Extending beyond the technical architecture to the very philosophy of how a business should operate, the Service Orientation approach establishes fluidity across boundaries to provide agility, transparency, and fundamental competitive advantage. Service Oriented Enterprises brings the concept of service orientation from the IT department to the boardroom, applying the precepts of service oriented technology to the underlying dynamics of how a business operates. Implementing a technological concept as a cultural paradigm, the SOE succeeds by combining the best features from virtual, extended, real-time, and resilient enterprises to serve not just its customers, but also its trading partners, shareholders and employees. Building primarily on the success of the Internet and the automation*

of business policies and processes, the Service Oriented Enterprise (SOE) is defined by three essential layers: the enterprise performance layer, the business process management layer, and the underlying service oriented architecture. This book focuses primarily on layers two and three and how the fundamental dynamics of a business can be altered when these concepts are applied to both architecture and culture. Beginning with an overview of the emerging SOE culture, the text contrasts the new service-oriented methodologies with traditional waterfall and iterative methodologies. Emphasizing Web Service strategies for description, discovery, and deployment techniques, the author goes deeper into service-oriented concepts describing the business process management suite as the central core of the SOE, and introducing the Enterprise Service Bus as the backbone for integration. The text describe how modeling, executing, and continuously improving the business process and business policies lends to the development of a common language between business and IT. The book concludes by expanding on these concepts and delving into the societal and behavioral aspects of the Service Oriented Enterprise. The reality of business is no longer one where change is an unusual phenomenon; today change is the norm and the capacity for consumer-sensitive, fluid transition is vital to business survival. Service Oriented Enterprises provides the key concepts to facilitate that change.

Digital Libraries: For Cultural Heritage, Knowledge Dissemination, and Future Creation

13th International Conference on Asia-Pacific Digital Libraries, ICADL 2011, Beijing, China, October 24-27, 2011, Proceedings

Springer Science & Business Media This book constitutes the refereed proceedings of the 13th International Conference on Asia-Pacific Digital Libraries, ICADL 2011, held in Beijing, China, in October 2011. The 33 revised full papers, 8 short papers and 9 poster papers presented were carefully reviewed and selected from 136 submissions. The topics covered are digital archives and preservation; information mining and extraction; medata, catalogue; distributed repositories and cloud computing; social network and personalized service; mobile services and electronic publishing; multimedia digital libraries; information retrieval; and tools and systems for digital library.

Q/BQB 267-2018: Translated English of Chinese Standard. Q/BQB267-2018

Casing for high performance of strength and toughness [Tips: BUY here & GET online-reading at GOOGLE. Then, if you need unprotected-PDF for offline-reading, WRITE to Wayne: Sales@ChineseStandard.net]

https://www.chinesestandard.net This Standard specifies the technical conditions for the delivery of casing for high performance of strength and toughness of Baoshan Iron & Steel Co., Ltd. This Standard is applicable to the seamless casing for ultra-deep, ultra-high pressure, and complex stratum rheology oil and gas production environments in oil and gas production of petroleum and natural gas industries. The casing steel grades in this Standard are: BG110V, BG125V, BG140V, BG150V, BG155V. The casing specified in this Standard contains three product specification levels (PSL1, PSL2, PSL3).

Instrument and Automation Engineers' Handbook

Process Measurement and Analysis, Fifth Edition - Two Volume Set

CRC Press The Instrument and Automation Engineers' Handbook (IAEH) is the Number 1 process automation handbook in the world. The two volumes in this greatly expanded Fifth Edition deal with measurement devices and analyzers. Volume one, Measurement and Safety, covers safety sensors and the detectors of physical properties, while volume two, Analysis and Analysis, describes the measurement of such analytical properties as composition. Complete with 245 alphabetized chapters and a thorough index for quick access to specific information, the IAEH, Fifth Edition is a must-have reference for instrument and automation engineers working in the chemical, oil/gas, pharmaceutical, pollution, energy, plastics, paper, wastewater, food, etc. industries.

fastText Quick Start Guide

Get started with Facebook's library for text representation and classification

Packt Publishing Ltd Perform efficient fast text representation and classification with Facebook's fastText library Key Features Introduction to Facebook's fastText library for NLP Perform efficient word representations, sentence classification, vector representation Build better, more scalable solutions for text representation and classification Book Description Facebook's fastText library handles text representation and classification, used for Natural Language Processing (NLP). Most organizations have to deal with enormous amounts of text data on a daily basis, and gaining efficient data insights requires powerful NLP tools such as fastText. This book is your ideal introduction to fastText. You will learn how to create fastText models from the command line, without the need for complicated code. You will explore the algorithms that fastText is built on and how to use them for word representation and text classification. Next, you will use fastText in conjunction with other popular libraries and frameworks such as Keras, TensorFlow, and PyTorch. Finally, you will deploy fastText models to mobile devices. By the end of this book, you will have all the required knowledge to use fastText in your own applications at work or in projects. What you will learn Create models using the default command line options in fastText Understand the algorithms used in fastText to create word vectors Combine command line text transformation capabilities and the fastText library to implement a training, validation, and prediction pipeline Explore word representation and sentence classification using fastText Use Gensim and spaCy to load the vectors, transform, lemmatize, and perform other NLP tasks efficiently Develop a fastText NLP classifier using popular frameworks, such as Keras, Tensorflow, and PyTorch Who this book is for This book is for data analysts, data scientists, and machine learning developers who want to perform efficient word representation and sentence classification using Facebook's fastText library. Basic knowledge of Python programming is required.

Cloud Computing

Principles, Systems and Applications

Springer Science & Business Media Cloud computing continues to emerge as a subject of substantial industrial and academic interest. Although the meaning and scope of "cloud computing" continues to be debated, the current notion of clouds blurs the distinctions between grid services, web services, and data centers, among other areas. Clouds also bring considerations of lowering the cost for relatively bursty applications to the fore. Cloud Computing: Principles, Systems and Applications is an essential reference/guide that provides thorough and timely examination of the services, interfaces and types of applications that can be executed on cloud-based systems. The book identifies and highlights state-of-the-art techniques and methods for designing cloud systems, presents mechanisms and schemes for linking clouds to economic activities, and offers balanced coverage of all related technologies that collectively contribute towards the realization of cloud computing. With an emphasis on the conceptual and systemic links between cloud computing and other distributed computing approaches, this text also addresses the practical importance of efficiency, scalability, robustness and security as the four cornerstones of quality of service. Topics and features: explores the relationship of cloud computing to other distributed computing paradigms, namely peer-to-peer, grids, high performance computing and web services; presents the principles, techniques, protocols and algorithms that can be adapted from other distributed computing paradigms to the development of successful clouds; includes a Foreword by Professor Mark Baker of the University of Reading, UK; examines current cloud-practical applications and highlights early deployment experiences; elaborates the economic schemes needed for clouds to become viable business models. This book will serve as a comprehensive reference for researchers and students engaged in cloud computing. Professional system architects, technical managers, and IT consultants will also find this unique text a practical guide to the application and delivery of commercial cloud services. Prof. Nick Antonopoulos is Head of the School of Computing, University of Derby, UK. Dr. Lee Gillam is a Lecturer in the Department of Computing at the University of Surrey, UK.

The Routledge Handbook of FinTech

Routledge The Routledge Handbook of FinTech offers comprehensive coverage of the opportunities, challenges and future trends of financial technology. This handbook is a unique and in-depth reference work. It is organised in six thematic parts. The first part outlines the development, funding, and the future trends. The second focuses on blockchain technology applications and various aspects of cryptocurrencies. The next covers FinTech in banking. A significant element of FinTech, mobile payments and online lending, is included in the fourth part. The fifth continues with several chapters covering other financial services, while the last discusses ethics and regulatory issues. These six parts represent the most significant and overarching themes of FinTech innovations. This handbook will appeal to students, established researchers seeking a single repository on the subject, as well as policy makers and market professionals seeking convenient access to a one-stop guide.

Standard Handbook of Petroleum and Natural Gas Engineering

Gulf Professional Publishing Standard Handbook of Petroleum and Natural Gas Engineering, Third Edition, provides you with the best, state-of-the-art coverage for every aspect of petroleum and natural gas engineering. With thousands of illustrations and 1,600 information-packed pages, this handbook is a handy and valuable reference. Written by dozens of leading industry experts and academics, the book provides the best, most comprehensive source of petroleum engineering information available. Now in an easy-to-use single volume format, this classic is one of the true "must haves" in any petroleum or natural gas engineer's library. A classic for over 65 years, this book is the most comprehensive source for the newest developments, advances, and procedures in the oil and gas

industry. New to this edition are materials covering everything from drilling and production to the economics of the oil patch. Updated sections include: underbalanced drilling; integrated reservoir management; and environmental health and safety. The sections on natural gas have been updated with new sections on natural gas liquefaction processing, natural gas distribution, and transport. Additionally there are updated and new sections on offshore equipment and operations, subsea connection systems, production control systems, and subsea control systems. Standard Handbook of Petroleum and Natural Gas Engineering, Third Edition, is a one-stop training tool for any new petroleum engineer or veteran looking for a daily practical reference. Presents new and updated sections in drilling and production Covers all calculations, tables, and equations for every day petroleum engineers Features new sections on today's unconventional resources and reservoirs

Plant Flow Measurement and Control Handbook

Fluid, Solid, Slurry and Multiphase Flow

Academic Press *Plant Flow Measurement and Control Handbook is a comprehensive reference source for practicing engineers in the field of instrumentation and controls. It covers many practical topics, such as installation, maintenance and potential issues, giving an overview of available techniques, along with recommendations for application. In addition, it covers available flow sensors, such as automation and control. The author brings his 35 years of experience in working in instrumentation and control within the industry to this title with a focus on fluid flow measurement, its importance in plant design and the appropriate control of processes. The book provides a good balance between practical issues and theory and is fully supported with industry case studies and a high level of illustrations to assist learning. It is unique in its coverage of multiphase flow, solid flow, process connection to the plant, flow computation and control. Readers will not only further understand design, but they will also further comprehend integration tactics that can be applied to the plant through a step-by-step design process that goes from installation to operation. Provides specification sheets, engineering drawings, calibration procedures and installation practices for each type of measurement Presents the correct flow meter that is suitable for a particular application Includes a selection table and step-by-step guide to help users make the best decision Cover examples and applications from engineering practice that will aid in understanding and application*

Transactions of the Illinois State Academy of Science

Information Security

7th International Conference, ISC 2004, Palo Alto, CA, USA, September 27-29, 2004, Proceedings

Springer Science & Business Media *This book constitutes the refereed proceedings of the 7th International Information Security Conference, ISC 2004, held in Palo Alto, CA, USA, in September 2004. The 36 revised full papers presented were carefully reviewed and selected from 106 submissions. The papers are organized in topical sections on key management, digital signatures, new algorithms, cryptanalysis, intrusion detection, access control, human authentication, certificate management, mobile and ad-hoc security, Web security, digital rights management, and software security.*