
Read Free Jar Engineering App

Yeah, reviewing a book **Jar Engineering App** could go to your close associates listings. This is just one of the solutions for you to be successful. As understood, deed does not suggest that you have astounding points.

Comprehending as with ease as harmony even more than further will allow each success. next-door to, the message as skillfully as sharpness of this Jar Engineering App can be taken as competently as picked to act.

KEY=JAR - MAXIMUS COHEN

INDUSTRIAL ENGINEERING APPLICATIONS IN EMERGING COUNTRIES

CRC Press The second volume of a three-volume series on global logistics management, this book focuses on recent developments and implementations of operations research techniques on selected logistic problems in emerging countries. The book covers topics ranging from quality management in pharmaceutical supply chains to risk analysis of maritime ports and i

TECHNICAL JAVA

DEVELOPING SCIENTIFIC AND ENGINEERING APPLICATIONS

Prentice Hall Professional Annotation This is a technical programming book written by a real scientific programmer filled with practical, real-life technical programming examples that teach how to use Java to develop scientific and engineering programs. The book is for scientists and engineers, those studying to become scientists and engineers, or anyone who might want to use Java to develop technical applications. "Technical Java" gives the reader all the information she needs to use Java to create powerful, versatile, and flexible scientific and engineering applications. The book is full of practical example problems and valuable tips. The book is for people learning Java as their first programming language or for those transitioning to Java from FORTRAN or C. There are two handy chapters at the beginning of the book that explain the differences and similarities between FORTRAN, C, and Java.

MATHEMATICAL METHODS FOR ENGINEERING APPLICATIONS

ICMASE 2021, SALAMANCA, SPAIN, JULY 1-2

Springer Nature

CONTEMPORARY NANOMATERIALS IN MATERIAL ENGINEERING APPLICATIONS

Springer Nature This book covers remarkable contemporary nanomaterials such as carbon nanomaterials, nanoclays, quantum dots, MXene, and metal-organic frameworks. Each chapter discusses the synthesis techniques, characterization methods, properties, and the nanomaterials' use in different aspects of biomedical, energy, polymers, material construction, biosensors, coatings, and catalysis. Moreover, commercialization challenges and environmental risks of nanomaterials are also covered in depth. The book provides an understanding of the fundamental properties, limitations and challenges in nanomaterials synthesis, serving as a valuable resource for researchers, graduate students, academicians, and consultants working with nanomaterials for engineering applications.

ATTACKING NETWORK PROTOCOLS

A HACKER'S GUIDE TO CAPTURE, ANALYSIS, AND EXPLOITATION

No Starch Press *Attacking Network Protocols* is a deep dive into network protocol security from James Forshaw, one of the world's leading bug hunters. This comprehensive guide looks at networking from an attacker's perspective to help you discover, exploit, and ultimately protect vulnerabilities. You'll start with a rundown of networking basics and protocol traffic capture before moving on to static and dynamic protocol analysis, common protocol structures, cryptography, and protocol security. Then you'll turn your focus to finding and exploiting vulnerabilities, with an overview of common bug classes, fuzzing, debugging, and exhaustion attacks. Learn how to: - Capture, manipulate, and replay packets - Develop tools to dissect traffic and reverse engineer code to understand the inner workings of a network protocol - Discover and exploit vulnerabilities such as memory corruptions, authentication bypasses, and denials of service - Use capture and analysis tools like Wireshark and develop your own custom network proxies to manipulate network traffic *Attacking Network Protocols* is a must-have for any penetration tester, bug hunter, or developer looking to understand and discover network vulnerabilities.

NANOFLUIDS AND THEIR ENGINEERING APPLICATIONS

CRC Press Nanofluids are solid-liquid composite material consisting of solid nanoparticles suspended in liquid with enhanced thermal properties. This book introduces basic fluid mechanics, conduction and convection in fluids, along with nanomaterials for nanofluids, property characterization, and outline applications of nanofluids in solar technology, machining and other special applications. Recent experiments on nanofluids have indicated significant increase in thermal conductivity compared with liquids without nanoparticles or larger particles, strong temperature dependence of thermal conductivity, and significant increase in critical heat flux in boiling heat transfer, all of which are covered in the book. **Key Features** Exclusive title focusing on niche engineering applications of nanofluids Contains high technical content especially in the areas of magnetic nanofluids and dilute oxide based nanofluids Feature examples from research applications such as solar technology and heat pipes Addresses heat transfer and thermodynamic features such as efficiency and work with mathematical rigor Focused in content with precise technical definitions and treatment

PHYSICS FOR SCIENTISTS AND ENGINEERS

Macmillan The Sixth Edition of *Physics for Scientists and Engineers* offers a completely integrated text and media solution that will help students learn most effectively and will enable professors to customize their classrooms so that they teach most efficiently. The text includes a new strategic problem-solving approach, an integrated Math Tutorial, and new tools to improve conceptual understanding. To simplify the review and use of the text, *Physics for Scientists and Engineers* is available in these versions: Volume 1 *Mechanics/Oscillations and Waves/Thermodynamics* (Chapters 1-20, R) 1-4292-0132-0 Volume 2 *Electricity and Magnetism/Light* (Chapters 21-33) 1-4292-0133-9 Volume 3 *Elementary Modern Physics* (Chapters 34-41) 1-4292-0134-7 Standard Version (Chapters 1-33, R) 1-4292-0124-X Extended Version (Chapters 1-41, R) 0-7167-8964-7

THE MOBILE APPLICATION HACKER'S HANDBOOK

John Wiley & Sons A comprehensive guide to securing all mobile applications by approaching the issue from a hacker's point of view. This book provides expert guidance toward discovering and exploiting flaws in mobile applications on the iOS, Android, BlackBerry, and Windows Mobile platforms. You will learn a proven methodology for approaching mobile application assessments, and the techniques used to prevent, disrupt, and remediate the various types of attacks. Coverage includes data storage, cryptography, transport layers, data leakage, injection attacks, runtime manipulation, security controls, and cross-platform apps, with vulnerabilities highlighted and detailed information on the methods hackers use to get around standard security.

THE SECRET IN THE JELLY BEAN JAR

SOLVING MYSTERIES THROUGH SCIENCE, TECHNOLOGY, ENGINEERING, ART & MATH

Red Chair Press Jesse is having problems with her bike, but luckily, there's a local contest to win a bike taking place. To win, Jesse must use math skills to guess how many jelly beans are in a big jar. Find out how Jesse uses math skills to create a secret formula to solve *The Secret in the Jelly Bean Jar*.

97 THINGS EVERY JAVA PROGRAMMER SHOULD KNOW

COLLECTIVE WISDOM FROM THE EXPERTS

"O'Reilly Media, Inc." If you want to push your Java skills to the next level, this book provides expert advice from Java leaders and practitioners. You'll be encouraged to look at problems in new ways, take broader responsibility for your work, stretch yourself by learning new techniques, and become as good at the entire craft of development as you possibly can. Edited by Kevlin Henney and Trisha Gee, *97 Things Every Java Programmer Should Know* reflects lifetimes of experience writing Java software and living with the process of software development. Great programmers share their collected wisdom to help you rethink Java practices, whether working with legacy code or incorporating changes since Java 8. A few of the 97 things you should know: "Behavior Is Easy, State Is Hard"—Edson Yanaga "Learn Java Idioms and Cache in Your Brain"—Jeanne Boyarsky "Java Programming from a JVM Performance Perspective"—Monica Beckwith "Garbage Collection Is Your Friend"—Holly K Cummins "Java's Unspeakable Types"—Ben Evans "The Rebirth of Java"—Sander Mak "Do You Know What Time It Is?"—Christin Gorman

CONTINUOUS DELIVERY IN JAVA

ESSENTIAL TOOLS AND BEST PRACTICES FOR DEPLOYING CODE TO PRODUCTION

"O'Reilly Media, Inc." Continuous delivery adds enormous value to the business and the entire software delivery lifecycle, but adopting this practice means mastering new skills typically outside of a developer's comfort zone. In this practical book, Daniel Bryant and Abraham Marín-Pérez provide guidance to help experienced Java developers master skills such as architectural design, automated quality assurance, and application packaging and deployment on a variety of platforms. Not only will you learn how to create a comprehensive build pipeline for continually delivering effective software, but you'll also explore how Java application architecture and deployment platforms have affected the way we rapidly and safely deliver new software to production environments. Get advice for beginning or completing your migration to continuous delivery Design architecture to enable the continuous delivery of Java applications Build application artifacts including fat JARs, virtual machine images, and operating system container (Docker) images Use continuous integration tooling like Jenkins, PMD, and find-sec-bugs to automate code quality checks Create a comprehensive build pipeline and design software to separate the deploy and release processes Explore why functional and system quality attribute testing is vital from development to delivery Learn how to effectively build and test applications locally and observe your system while it runs in production

MASTERING WEB DEVELOPMENT WITH MICROSOFT VISUAL STUDIO 2005

John Wiley & Sons Be Right at Home in the World's Most Powerful Web Development Environment For large-scale web application development, Visual Studio 2005 is the most capable product around. This book shows team members and leaders how to use its power in several key dimensions. You'll master dozens of built-in features for creating a large, high-performance website based on ASP.NET 2.0. You'll work seamlessly with dynamic data, both reading from and writing to databases. And throughout, you'll learn how Visual Studio 2005 supports a more efficient group process in terms of design, development, and deployment. And everything is brought together with the enterprise-scale example, "ABC Incorporated," that runs throughout the book. This is a book no web developer, and no web-dependent organization, should be without. Coverage Includes Reaping the benefits of master pages and themes Generating site maps and other navigational aids automatically Building a shopping cart application for your website Adding search functionality to your website Creating a flexible user environment using Webpart technology Increasing application performance using client-side and server-side scripting technologies Giving users the ability to change the website's theme to meet specific needs Using components and controls to add special effects and user customization Improving team efficiency using modern development and design techniques Monitoring and responding to usage statistics Combining technologies to get the best possible results from large applications Making your site accessible to everyone Master Standards-Based Web Development Techniques New to Visual Studio 2005 Discover How Visual Studio 2005 Solves Team Development Issues, Such as Source Code Control and Application Design Simplify Database Application Development without Compromising Security or Reliability

PRACTICAL MATLAB APPLICATIONS FOR ENGINEERS

CRC Press Practical Matlab Applications for Engineers provides a tutorial for those with a basic understanding of Matlab®. It can be used to follow Misza Kalechman's, Practical Matlab Basics for Engineers (cat no. 47744). This volume explores the concepts and Matlab tools used in the solution of advanced course work for engineering and technology students. It covers the material encountered in the typical engineering and technology programs at most colleges. It illustrates the direct connection between theory and real applications. Each chapter reviews basic concepts and then explores those concepts with a number of worked out examples.

HANDBOOK OF RESEARCH ON MOBILE SOFTWARE ENGINEERING: DESIGN, IMPLEMENTATION, AND EMERGENT APPLICATIONS

DESIGN, IMPLEMENTATION, AND EMERGENT APPLICATIONS

IGI Global The popularity of an increasing number of mobile devices, such as PDAs, laptops, smart phones, and tablet computers, has made the mobile device the central method of communication in many societies. These devices may be used as electronic wallets, social networking tools, or may serve as a person's main access point to the World Wide Web. The Handbook of Research on Mobile Software Engineering: Design, Implementation, and Emergent Applications highlights state-of-the-art research concerning the key issues surrounding current and future challenges associated with the software engineering of mobile systems and related emergent applications. This handbook addresses gaps in the literature within the area of software engineering and the mobile computing world.

ELECTRICAL ENGINEERING

A MONTHLY JOURNAL FOR ALL INTERESTED IN THE PRACTICAL APPLICATION OF ELECTRICITY

MECHANICAL VIBRATIONS - THEORY AND APPLICATION - AN INTRODUCTION TO PRACTICAL DYNAMIC ENGINEERING PROBLEMS IN THE STRUCTURAL FIELD

Read Books Ltd The aim of this book is to give to students and practicing engineers who have not studied dynamics and who are interested in mechanical vibrations a sound introduction to this important field of engineering science. It must be emphasized that it is not the purpose of this book to give a complete treatment of this subject which would require an extensive application of higher mathematics. The bibliography lists books and articles where this aim has been achieved in an excellent way.

OPTIMIZATION OF MICRO PROCESSES IN FINE PARTICLE AGGLOMERATION BY PELLETING FLOCCULATION

CRC Press Efficient particle separation in order to meet stringent regulatory standards represent one of the biggest challenges facing the process industry operators today. Emerging environmental problems such as climate change, population growth and natural resource depletion make it more compelling to undertake research into alternative phase separation techniques and optimization of existing ones. Meeting this challenge requires innovative, revolutionary and integrated approach in the design and optimization of various unit processes in fine particle separation. Flocculation is widely used as an effective phase separation technique across many process industries such as water and wastewater treatment and in minerals processing. In this work, a new pre-treatment technique was developed using a patented bench scale reactor unit as a technical proof of concept. Furthermore, the book provides a valuable insight into the hydrodynamics and fluid-particle interactions within the agglomeration units. The relatively high solids content of the stable pellets (approximately 30 %) and very low residual turbidity of the post-sedimentation supernatant (7 NTU) clearly demonstrate the potential of this technique. In addition to significantly improving the subsequent solid-liquid separation efficiency, this study also showed that the effluent can be recycled back into the sewer network or utilized for non-portable reuse. The findings obtained from this research will be extremely useful in the scaling up and optimization of the reactor system.

ARTIFICIAL INTELLIGENCE: METHODOLOGY, SYSTEMS, AND APPLICATIONS

8TH INTERNATIONAL CONFERENCE, AIMSA'98, SOZOPOL, BULGARIA, SEPTEMBER 21-23, 1998, PROCEEDINGS

Springer Science & Business Media Content Description #Includes bibliographical references and index.

MATERIALS FOR SUPERCAPACITOR APPLICATIONS

Elsevier Materials for Supercapacitor Applications provides a snapshot of the present status of this rapidly growing field. It covers motivations, innovations, ongoing breakthroughs in research and development, innovative materials, impacts, and perspectives, as well as the challenges and technical barriers to identifying an ideal material for practical applications. This comprehensive reference by electro-chemists explains concepts in materials selection and their unique applications based on their electro-chemical properties. Chemists, chemical and electrical engineers, material scientists, and research scholars and students interested in energy will benefit from this overview of many important reference points in understanding the materials used in supercapacitors. Provides an overview of the formulation for new materials and how to characterize them for supercapacitor applications Describes all the information on the available materials for supercapacitor applications Outlines potential material characterization methods Discusses perspectives and future directions of the field

WEB, ARTIFICIAL INTELLIGENCE AND NETWORK APPLICATIONS

PROCEEDINGS OF THE WORKSHOPS OF THE 34TH INTERNATIONAL CONFERENCE ON ADVANCED INFORMATION NETWORKING AND APPLICATIONS (WAINA-2020)

Springer Nature This proceedings book presents the latest research findings, and theoretical and practical perspectives on innovative methods and development techniques related to the emerging areas of Web computing, intelligent systems and Internet computing. The Web has become an important source of information, and techniques and methodologies that extract quality information are of paramount importance for many Web and Internet applications. Data mining and knowledge discovery play a key role in many of today's major Web applications, such as e-commerce and computer security. Moreover, Web services provide a new platform for enabling service-oriented systems. The emergence of large-scale distributed computing paradigms, such as cloud computing and mobile computing systems, has opened many opportunities for collaboration services, which are at the core of any information system. Artificial intelligence (AI) is an area of computer science that builds intelligent systems and algorithms that work and react like humans. AI techniques and computational intelligence are powerful tools for learning, adaptation, reasoning and planning, and they have the potential to become enabling technologies for future intelligent networks. Research in the field of intelligent systems, robotics, neuroscience, artificial intelligence and cognitive sciences is vital for the future development and innovation of Web and Internet applications.

ADVANCES IN ECOLOGY ENVIRONMENT AND CONSERVATION RESEARCH AND APPLICATION: 2011 EDITION

ScholarlyEditions Advances in Ecology Environment and Conservation Research and Application: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Ecology Environment and Conservation. The editors have built Advances in Ecology Environment and Conservation Research and Application: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Ecology Environment and Conservation in this eBook to be deeper than what

you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of *Advances in Ecology Environment and Conservation Research and Application: 2011 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

ENGINEERING

LOCOMOTIVE ENGINEER

DEVOTED TO THE SPECIAL INTERESTS OF LOCOMOTIVE ENGINEERS AND FIREMEN AND TO LOCOMOTIVE MAINTENANCE AND REPAIRS

MOBILE APPLICATION DEVELOPMENT, USABILITY, AND SECURITY

IGI Global The development of mobile technology has experienced exponential growth in recent years. Mobile devices are ubiquitous in modern society, impacting both our personal and professional lives. *Mobile Application Development, Usability, and Security* provides a thorough overview on the different facets of mobile technology management and its integration into modern society. Highlighting issues related to analytics, cloud computing, and different types of application development, this book is a pivotal reference source for professionals, researchers, upper-level students, and practitioners actively involved in the area of mobile computing.

REPAIR OF ADVANCED COMPOSITES FOR AEROSPACE APPLICATIONS

CRC Press This book focuses on the repair of polymer composites for critical components in aerospace industries. It also covers the complexities of failure and repair of composites, types of fiber reinforcement and bonding. It includes special topics on damage assessment using on-site inspection (NDT and THz techniques) and automated repair processes for reliability and repeatability. *Repair of Advanced Composites for Aerospace Applications* also describes the characterization, modelling and simulation of the composites' damage mechanisms with respect to specific environments and applications. Failures associated with various composite repairing techniques for aerospace applications are also covered. **Key Features:** • Addresses the composites development process including damage detection and repair for aerospace applications. • Covers research on the multi-scale process modelling, material modelling, self-healing, repairing and their analyses. • Concentrates on the repair of composites for weight-sensitive applications in automobiles and aerospace. • Analyses perspectives on materials processing and material design. • Details composite joints, their failure, and operations of aircraft component in various environments. This book is aimed at researchers, professionals and graduate students in composite materials, manufacturing, aerospace engineering, advanced materials design and manufacturing, composite materials repair, and hybrid materials repair.

DETECTING AND MITIGATING ROBOTIC CYBER SECURITY RISKS

IGI Global Risk detection and cyber security play a vital role in the use and success of contemporary computing. By utilizing the latest technological advances, more effective prevention techniques can be developed to protect against cyber threats. *Detecting and Mitigating Robotic Cyber Security Risks* is an essential reference publication for the latest research on new methodologies and applications in the areas of robotic and digital security. Featuring extensive coverage on a broad range of topics, such as authentication techniques, cloud security, and mobile robotics, this book is ideally designed for students, researchers, scientists, and engineers seeking current research on methods, models, and implementations of optimized security in digital contexts.

HIGH PERFORMANCE COMPUTING SYSTEMS AND APPLICATIONS

Springer Science & Business Media *High Performance Computing Systems and Applications* contains the fully refereed papers from the 13th Annual Symposium on High Performance Computing, held in Kingston, Canada, in June 1999. This book presents the latest research in HPC architectures, distributed and shared memory performance, algorithms and solvers, with special sessions on atmospheric science, computational chemistry and physics. *High Performance Computing Systems and Applications* is suitable as a secondary text for graduate level courses, and as a reference for researchers and practitioners in industry.

STRATEGIC INFORMATION SYSTEMS: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global "This 4-volume set provides a compendium of comprehensive advanced research articles written by an international collaboration of experts involved with the strategic use of information systems"--Provided by publisher.

RAILWAY AND LOCOMOTIVE ENGINEERING

A PRACTICAL JOURNAL OF RAILWAY MOTIVE POWER AND ROLLING STOCK

THE ENGINEER

GOOGLE WEB TOOLKIT APPLICATIONS

Pearson Education "Ryan clearly understands the GWT value proposition and how GWT integrates into a diverse web technology stack—and not just in a theoretical way. With the popularity of *gokr.com* and *kdice.com*, Ryan can speak with the authority of concrete success." —Bruce Johnson, creator of Google Web Toolkit "This book distinguishes itself from other books on GWT in that it walks through the entire process of building several nontrivial GWT applications, not the toy applications that most books present." —R. Mark Volkmann, Object Computing, Inc. "Google™ Web Toolkit Applications is an excellent resource for any GWT developer. Solutions to challenges commonly encountered in GWT are presented through the design and development of actual applications. The applications developed throughout the text demonstrate best practices from simple UI design all the way to custom code generation, and are presented with little pretext about the amount of Java knowledge a given developer may have. Advanced concepts are not withheld but are presented in a way that will be understood by both novice and seasoned developers alike. Good application development practices and proper Model View Controller design is reinforced throughout the book, nearly guaranteeing that the reader will come away a better programmer." —Jason Essington, Senior Web/Java Engineer, Green River Computing "Dewsbury's Google™ Web Toolkit Applications is a book for both experts and beginner programmers who want to discover this open source Java software development framework, as well as write Ajax applications. A very detailed book!" —Massimo Nardone, Advisory IT Security Architect Accelerate and Simplify Ajax Development with Google Web Toolkit Get the edge you need to deliver exceptional user experiences with Google™ Web Toolkit Applications, a guidebook that provides web developers with core information and instructions for creating rich web applications. Whether you're a developer who needs to build a high-performance front end for Java, PHP, or Ruby applications, or to integrate with external web services, this resource from expert Google Web Toolkit (GWT) developer Ryan Dewsbury delivers the in-depth coverage you'll need. In this valuable book, insider Ryan Dewsbury provides instructions for using the robust tool set and gets you on your way to creating first-class web applications by providing a comprehensive overview of GWT technology. In addition, he shares his "in-the-trenches" insights on Building elegant and responsive user interfaces with Cascading Style Sheets and GWT's Widgets and Panels Creating seamless user experiences through asynchronous communication with HTTP, REST, JSON/JSONP, and RPC Interoperating with web standards—such as XML, RSS, and Atom—and web services—such as Google Maps, Amazon Books, Yahoo! Search, Flickr, and Blogger Overcoming browser security restrictions, such as HTTP's two-connection limit and the Same-Origin policy Accelerating development, using software engineering, code generation, internationalization, application patterns, and Java tools Deploying for optimal performance with resource compression and caching Building five non-trivial applications: a gadget application with a rich drag-and-drop interface, a multi-search application that makes requests to many search engines, a blog editor application for managing entries across multiple blogs, a web-based instant messenger, and a database manager for a traditional web page This practical guide to GWT introduces you to the technology; provides techniques, tips, and examples; and puts you on the road to delivering top-notch user experiences for your web applications.

ADVANCES IN STEEL RESEARCH AND APPLICATION: 2012 EDITION

ScholarlyEditions *Advances in Steel Research and Application / 2012 Edition* is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Steel. The editors have built *Advances in Steel Research and Application / 2012 Edition* on the vast information databases of ScholarlyNews™. You can expect the information about Steel in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of *Advances in Steel Research and Application / 2012 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

A TREATISE ON THE APPLICATION OF MARINE SURVEYING AND HYDROMETRY TO THE PRACTICE OF CIVIL ENGINEERING

HSLA STEELS 2015, MICROALLOYING 2015 & OFFSHORE ENGINEERING STEELS 2015

CONFERENCE PROCEEDINGS

Springer This is a collection of papers presented at the joint conference of the 7th International Conference on High Strength Low Alloy Steels (HSLA Steels 2015), the International Conference on Microalloying 2015 (Microalloying 2015), and the International Conference on Offshore Engineering Steels 2015 (OES 2015). The papers focus on the exchange of the

latest scientific and technological progresses on HSLA steels, microalloying steels, and offshore engineering steels over the past decades. The contributions are intended to strengthen cooperation between universities and research institutes, and iron and steel companies and users, and promote the further development in the fields all over the world.

INDUSTRIAL AND TECHNOLOGICAL APPLICATIONS OF TRANSPORT IN POROUS MATERIALS

Springer Science & Business Media The purpose of this book, *Industrial and Technological Applications of Transport in Porous Materials*, is to provide a collection of recent contributions in the field of heat and mass transfer in porous media and their industrial and technological applications. The main benefit of the book is that it discusses some of the most important topics related to transport phenomenon in engineering and their future applications. It includes a set of new technological applications in the field of heat and mass transfer phenomena in a porous medium domain, such as, drying technology, filtration, infrared thermography, energy, recycling, etc. At the same time, these topics will be going to the encounter of a variety of scientific and engineering disciplines, such as chemical, civil, agricultural, mechanical engineering, etc. The book is divided in several chapters that intend to be a resume of the current state of knowledge for benefit of professional colleagues.

HEMATOLOGIC AGENTS—ADVANCES IN RESEARCH AND APPLICATION: 2012 EDITION

ScholarlyEditions *Hematologic Agents—Advances in Research and Application: 2012 Edition* is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Hematologic Agents. The editors have built *Hematologic Agents—Advances in Research and Application: 2012 Edition* on the vast information databases of ScholarlyNews™. You can expect the information about Hematologic Agents in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of *Hematologic Agents—Advances in Research and Application: 2012 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

SOFTWARE TECHNOLOGIES: APPLICATIONS AND FOUNDATIONS

STAF 2018 COLLOCATED WORKSHOPS, TOULOUSE, FRANCE, JUNE 25-29, 2018, REVISED SELECTED PAPERS

Springer This book contains the thoroughly refereed technical papers presented in eight workshops collocated with the International Conference on Software Technologies: Applications and Foundations, STAF 2018, held in Toulouse, France, in June 2018. The 65 full papers presented were carefully reviewed and selected from 120 submissions. The events whose papers are included in this volume are: CoSim-CPS 2018: 2nd International Workshop on Formal Co-Simulation of Cyber-Physical Systems DataMod 2018: 7th International Symposium From Data to Models and Back FMIS 2018: 7th International Workshop on Formal Methods for Interactive Systems FOCLASA 2018: 16th International Workshop on Foundations of Coordination Languages and Self-adaptative Systems GCM 2018: 9th International Workshop on Graph Computation Models MDE@DeRun 2018: 1st International Workshop on Model-Driven Engineering for Design-Runtime Interaction in Complex Systems MSE 2018: 3rd International Workshop on Microservices: Science and Engineering SecureMDE 2018: 1st International Workshop on Security for and by Model-Driven Engineering

LOCOMOTIVE ENGINEERING

A PRACTICAL JOURNAL OF RAILWAY MOTIVE POWER AND ROLLING STOCK

LEARNING IOS PENETRATION TESTING

Packt Publishing Ltd Secure your iOS applications and uncover hidden vulnerabilities by conducting penetration tests About This Book Achieve your goal to secure iOS devices and applications with the help of this fast paced manual Find vulnerabilities in your iOS applications and fix them with the help of this example-driven guide Acquire the key skills that will easily help you to perform iOS exploitation and forensics with greater confidence and a stronger understanding Who This Book Is For This book is for IT security professionals who want to conduct security testing of applications. This book will give you exposure to diverse tools to perform penetration testing. This book will also appeal to iOS developers who would like to secure their applications, as well as security professionals. It is easy to follow for anyone without experience of iOS pentesting. What You Will Learn Understand the basics of iOS app development, deployment, security architecture, application signing, application sandboxing, and OWASP TOP 10 for mobile Set up your lab for iOS app pentesting and identify sensitive information stored locally Perform traffic analysis of iOS devices and catch sensitive data being leaked by side channels Modify an application's behavior using runtime analysis Analyze an application's binary for security protection Acquire the knowledge required for exploiting iOS devices Learn the basics of iOS forensics In Detail iOS has become one of the most popular mobile operating systems with more than 1.4 million apps available in the iOS App Store. Some security weaknesses in any of these applications or on the system could mean that an attacker can get access to the device and retrieve sensitive information. This book will show you how to conduct a wide range of penetration tests on iOS devices to uncover vulnerabilities and strengthen the system from attacks. Learning iOS Penetration Testing discusses the common vulnerabilities and security-related shortcomings in an iOS application and operating system, and will teach you to conduct static and dynamic analysis of iOS applications. This practical guide will help you uncover vulnerabilities in iOS phones and applications. We begin with basics of iOS security and dig deep to learn about traffic analysis, code analysis, and various other techniques. Later, we discuss the various utilities, and the process of reversing and auditing. Style and approach This fast-paced and practical guide takes a step-by-step approach to penetration testing with the goal of helping you secure your iOS devices and apps quickly.

LEVERAGING THE SEMANTICS OF TOPIC MAPS

SECOND INTERNATIONAL CONFERENCE ON TOPIC MAPS RESEARCH AND APPLICATIONS, TMRA 2006, LEIPZIG, GERMANY, OCTOBER 11-12, 2006, REVISED SELECTED PAPERS

Springer This book constitutes the thoroughly refereed post-proceedings of the Second International Conference on Topic Map Research and Applications, TMRA 2006, held in Leipzig, Germany in October 2006. It covers headed creation and visualization of topic maps, applied topic maps in industry, administration and sciences, standards related research, leveraging the semantics, technical issues of topic mapping, and social software with topic maps.