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Applied Mathematics for Database Professionals - Lex deHaan 2007-10-24
This book touches on an area seldom explored: the mathematical underpinnings of the relational database. The topic is important, but far too often ignored. This is the first book to explain the underlying math in a way that's accessible to database professionals. Just as importantly, if not more so, this book goes beyond the abstract by showing readers how to apply that math in ways that will make them more productive in their jobs. What's in this book will "open the eyes" of most readers to the great power, elegance, and simplicity inherent in relational database technology.

The Logstash Book - James Turnbull 2013-03-02
Updated for Logstash and ELK 5.0.0! A book designed for SysAdmins, Operations staff, Developers and DevOps who are interested in deploying a log management solution using the open source Elasticsearch, Logstash & Kibana (ELK) stack. In this book we will walk you through installing, deploying, managing and extending Logstash. We're going to do that by introducing you to Example.com, where you're going to start a new job as one of its SysAdmins. The first project you'll be in charge of is developing its new log management solution. We'll teach you how to: * Install and deploy Logstash. * Ship events from a Logstash Shipper to a central Logstash server. * Filter incoming events using a variety of techniques. * Add structured logging to your applications. * Output those events to a selection of useful destinations. * Use Logstash's awesome web interface Kibana. * Scale out your Logstash implementation as your environment grows. * Quickly and easily extend Logstash to deliver additional functionality that you might need. By the end of the book, you should have a functional and effective log management solution that you can deploy into your own environment. Updated for Logstash and ELK 5.0.0!

Engineering Information Security - Stuart Jacobs 2015-12-01
Engineering Information Security covers all aspects of information security using a systematic engineering approach and focuses on the viewpoint of how to control access to information. Includes a discussion about protecting storage of private keys, SCADA, Cloud, Sensor, and Ad Hoc networks Covers internal operations security processes of monitors, review exceptions, and plan remediation Over 15 new sections Instructor resources such as lecture slides, assignments, quizzes, and a set of questions organized as a final exam If you are an instructor and adopted this book for your course, please email ieeeproposals@wiley.com to get access to the additional instructor materials for this book.

Dictionary for Library and Information Science - Joan M. Reitz 2004
Now available for the first time in print, the dictionary is the most comprehensive and reliable English-language resource for terminology used in all types of libraries. With more than 4,000 terms and cross-references (last updated January, 2003), the dictionary's content has been carefully selected and includes terms from publishing, printing, literature, and computer science where, in the author's judgment, they are relevant to both library professionals and laypersons.

Finding Lost Space - Roger Trancik 1991-01-16
The problem of "lost space," or the inadequate use of space, afflicts most urban centers today. The automobile, the effects of the Modern Movement in architectural design, urban-renewal and zoning policies, the dominance of private over public interests, as well as changes in land use in the inner city have resulted in the loss of values and meanings that were traditionally associated with urban open space. This text offers a comprehensive and systematic examination of the crisis of the contemporary city and the means by which this crisis can be addressed. Finding Lost Space traces leading urban spatial design theories that have emerged over the past eighty years: the principles of Sitte and Howard; the impact of and reactions to the Functionalist movement; and designs developed by Team 10, Robert Venturi, the Krier brothers, and Fumihiko Maki, to name a few. In addition to discussions of historic precedents, contemporary approaches to urban spatial design are explored. Detailed case studies of Boston, Massachusetts; Washington, D.C.; Goteborg, Sweden; and the Byker area of Newcastle, England demonstrate the need for an integrated design approach--one that considers figure-ground, linkage, and place theories of urban spatial design. These theories and their individual strengths and weaknesses are defined and applied in the case studies, demonstrating how well they operate in different contexts. This text will prove invaluable for students and professionals in the fields of architecture, landscape architecture, and city planning. Finding Lost Space is going to be a primary text for the urban designers of the next generation. It is the first book in the field to absorb the lessons of the postmodern reaction, including the work of the Krier brothers and many others, and to integrate these into a coherent theory and set of design guidelines. Without polemics, Roger Trancik addresses the biggest issue in architecture and urbanism today: how can we regain in our shattered cities a public realm that is made of firmly shaped, coherently linked, humanly meaningful urban spaces? Robert Campbell, AIA Architect and architecture critic Boston Globe

Journal - Royal Society for the Encouragement of a 2015-10
This work has been selected by scholars as being culturally important, and is part of the knowledge base of civilization as we know it. This work was reproduced from the original artifact, and remains as true to the original work as possible. Therefore, you will see the original copyright references, library stamps (as most of these works have been housed in our most important libraries around the world), and other notations in the work.This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity (individual or corporate) has a copyright on the body of the work.As a reproduction of a historical artifact, this work may contain missing or blurred pages, poor pictures, errant marks, etc. Scholars believe, and we concur, that this work is important enough to be preserved, reproduced, and made generally available to the public. We appreciate your support of the preservation process, and thank you for being an important part of keeping this knowledge alive and relevant.

Mobile Apps Engineering - Ghita K. Mostefaoui 2018-12-07
The objective of this edited book is to gather best practices in the development and management of mobile apps projects. Mobile Apps Engineering aims to provide software engineering lecturers, students and researchers of mobile computing a starting point for developing successful mobile apps. To achieve these objectives, the book's contributors emphasize the essential concepts of the field, such as apps design, testing and security, with the intention of offering a compact, self-contained book which shall stimulate further research interest in the topic. The editors hope and believe that their efforts in bringing this book together can make mobile apps engineering an independent discipline inspired by traditional software engineering, but taking into account the new challenges posed by mobile computing.

Strategic Studies - Thomas G. Mahnken 2014-01-10
The second edition of Strategic Studies: A Reader brings together key essays on strategic theory by some of the leading contributors to the field. This revised volume contains several new essays and updated introductions to each section. The volume comprises hard-to-find classics in the field as well as the latest scholarship. The aim is to provide students with a wide-ranging survey of the key issues in strategic studies, and to provide an introduction to the main ideas and themes in the field. The book contains six extensive sections, each of which is prefaced by a short introductory essay: The Uses of Strategic Theory Interpretation of the Classics Instruments of War, Intelligence and Deception Nuclear Strategy Irregular Warfare and Small Wars Future Warfare, Future Strategy Overall, this volume strikes a balance between theoretical works, which seek to discover generalisations about the nature of modern strategy, and case studies, which attempt to ground

the study of strategy in the realities of modern war. This new edition will be essential reading for all students of strategic studies, security studies, military history and war studies, as well as for professional military college students.

Qualitative Data Analysis - Matthew B. Miles 1994-01-12
The latest edition of this best-selling textbook by Miles and Huberman not only is considerably expanded in content, but is now available in paperback. Bringing the art of qualitative analysis up-to-date, this edition adds hundreds of new techniques, ideas and references developed in the past decade. The increase in the use of computers in qualitative analysis is also reflected in this volume. There is an extensive appendix on criteria to choose from among the currently available analysis packages. Through examples from a host of social science and professional disciplines, Qualitative Data Analysis remains the most comprehensive and complete treatment of this topic currently available to scholars and applied researchers.

An Essay on the Principle of Population - T. R. Malthus 2012-03-13
The first major study of population size and its tremendous importance to the character and quality of society, this classic examines the tendency of human numbers to outstrip their resources.

ICEMSS 2018 - Poppy Febriana 2019-03-01
"New media and development of gender roles: law, social, and economic perspective." This theme was raised as an effort to observe the development of new technology that has greatly affected people's lives. Formerly to seek information, people can get it through conventional radio media, newspapers and television. But now only use the smartphone we can get very much information that can be obtained by accessing the online media portal or sharing and socializing through social media. For decades it has been stated that the media has the power to shape public opinion. Media not only can form a "worldview" of society, but also able to create awareness and individual belief in reality; a reality that has been defined by the media. Media has a powerful and direct effect to the audience (market). Including how then the media formed an opinion in the community about gender roles through the content provided by the new media. Of course it will be interesting to study media related to the law, social, and economic perspective.

ELLiC 2019 - Dodi Mulyadi
We are delighted to introduce the proceedings of the 3rd English Language & Literature International Conference (ELLiC 3). This conference has brought researchers, developers and practitioners around the world who are leveraging and developing the English language education, literature, linguistics, and translation. We strongly believe that this conference provides a good forum for all researchers, developers and practitioners to discuss all scientific aspects that are relevant to Digital Society especially in the above fields. We also expect that the future conference will be as successful and stimulating, as indicated by the contributions presented in this volume

Getting Started with Arduino - Massimo Banzi 2011-09-13
Presents an introduction to the open-source electronics prototyping platform.

Planning for Information Systems - William R. King 2015-03-12
Edited by one of the best-known and most widely respected figures in the field, "Planning for Information Systems" is a comprehensive, single source overview of the myriad ideas and processes that are identified with IS planning. While many chapters deal with high level strategic planning, the book gives equal attention to on-the-ground planning issues.Part I, 'Key Concepts of IS Planning', focuses on how IS planning has evolved over the years; business-IS strategic alignment; and the role of dynamic organizational capabilities in leveraging IS competencies. Part II, 'The Organizational IS Planning Process,' describes IS planning in terms of critical success factors and includes a knowledge-based view of IS planning; a practical assessment of strategic alignment; the IT budgeting process; the search for an optimal level of IS strategic planning; and the role of organizational learning in IS planning.Part III, 'IS Investment Planning', deals with predicting the value that an IS project may have; a 'rational expectations' approach to assessing project payoffs; assessing the social costs and benefits of projects; an options-based approach to managing project risks; planning for project teams; and the moderating effects of coordinated planning. Part IV, 'Goals and Outcomes of IS Planning', considers information strategy as a goal and/or outcome of IS planning; IT infrastructure as a goal or outcome; competitive advantage as a goal or outcome; e-process partnership chains; and planning successful Internet-based projects.

SQL Injection Attacks and Defense - Justin Clarke 2012-06-18
What is SQL injection? -- Testing for SQL injection -- Reviewing code for

SQL injection -- Exploiting SQL injection -- Blind SQL injection exploitation -- Exploiting the operating system -- Advanced topics -- Code-level defenses -- Platform level defenses -- Confirming and recovering from SQL injection attacks -- References.

Computer Crime - Indira Carr 2017-07-05
Alongside its positive impact of providing a global reach, the Internet is prone to a variety of abuses. In the 1990s it was unauthorised access of computers and impairment of the operation of computers through the introduction of viruses and worms that took centre stage. Since then the potential of the Internet for fraudulent activities has been realised by the criminal fraternity and, in recent years, we have seen, for instance, the rise of identity theft and the widespread distribution of offensive and illegal materials. The collection of essays in this volume, while being highly selective, provides a snapshot of the parameters of computer crime, the legal response and discussions surrounding ways to improve the security of cyberspace.

Business Research Methods - Donald R. Cooper 2003-01-01
Cooper and Schindler's Business Research Methods offers students and instructors thorough coverage of business research topics backed by solid theory. The authors are successful marketing research consultants and that is evident in the rich and realistic case studies found in the text. Managerial decision making is the underlying theme, topics and applications are presented and organized in a manner that allow students to thoroughly understand business research topics and functions. Consequently, the structure of the text encourages and supports completion of an in-depth business research project during the semester.

The Cambridge Introduction to Creative Writing - David Morley 2007-05-10
Publisher description

Learning React Native - Bonnie Eisenman 2017-10-23
Get a practical introduction to React Native, the JavaScript framework for writing and deploying fully featured mobile apps that render natively. The second edition of this hands-on guide shows you how to build applications that target iOS, Android, and other mobile platforms instead of browsers—apps that can access platform features such as the camera, user location, and local storage. Through code examples and step-by-step instructions, web developers and frontend engineers familiar with React will learn how to build and style interfaces, use mobile components, and debug and deploy apps. You'll learn how to extend React Native using third-party libraries or your own Java and Objective-C libraries. Understand how React Native works under the hood with native UI components Examine how React Native's mobile-based components compare to basic HTML elements Create and style your own React Native components and applications Take advantage of platform-specific APIs, as well as modules from the framework's community Incorporate platform-specific components into cross-platform apps Learn common pitfalls of React Native development, and tools for dealing with them Combine a large application's many screens into a cohesive UX Handle state management in a large app with the Redux library
Suara muhammadiyah - 2007

Systems Analysis and Design in a Changing World - John W. Satzinger 2015-02-01
Refined and streamlined, SYSTEMS ANALYSIS AND DESIGN IN A CHANGING WORLD, 7E helps students develop the conceptual, technical, and managerial foundations for systems analysis design and implementation as well as project management principles for systems development. Using case driven techniques, the succinct 14-chapter text focuses on content that is key for success in today's market. The authors' highly effective presentation teaches both traditional (structured) and object-oriented (OO) approaches to systems analysis and design. The book highlights use cases, use diagrams, and use case descriptions required for a modeling approach, while demonstrating their application to traditional, web development, object-oriented, and service-oriented architecture approaches. The Seventh Edition's refined sequence of topics makes it easier to read and understand than ever. Regrouped analysis and design chapters provide more flexibility in course organization. Additionally, the text's running cases have been completely updated and now include a stronger focus on connectivity in applications. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
Contingencies of Reinforcement - B. F. Skinner 2014-07-01
B. F. Skinner titled this book, Contingencies of Reinforcement, after the

heart of his science of behavior. Contingencies relate classes of actions to postcedent events and to the contexts in which those action-postcedent relations occur. The basic processes seem straightforward, but many people do not know or understand the underlying theory. Skinner believed that 'a theory is essential to the scientific understanding of behavior as a subject matter". This book presents some of Skinner's most sophisticated statements about theoretical issues. To his original articles, he added notes to clarify and expand subtle points. The book thus provides an overview of Skinner's thinking about theory and the philosophy underpinning the science he began.

Server Management - Gilbert Held 2000-03-22
This single-volume desktop reference provides comprehensive information on all server issues - featuring contributions from experts in the field. Engineers for system vendors, systems integrators, major resellers, end-users, and representatives from Hewlett-Packard, Novell, IBM, Compaq, Microsoft, and NEC share their ideas and experience on such to

Food Supply Chain Management - Jane Eastham 2007-08-22
The key to the success of a company is their ability to co-ordinate the key supply chain i.e their key suppliers and suppliers of suppliers. 'Food and Drink Supply Chain Management' looks specifically at the supply chain in the food and drink industry to provide readers with an understanding of the areas as it is now and its growing importance, and where it is going in the future. 'Food and Drink Supply Chain Management' is the first to take an in-depth view into the supply chain function in the hospitality and food retail sectors. Authored by a range of expert contributors the text looks at issues such as: * New food processes and GM foods * Volume catering and JIT (Just In Time) and Food Safety * Relationships between companies and with stakeholders and responsibilities to these groups * The internationalisation of the food chain * The future of the food and drink supply chain and its management Examples and case studies from large international retail and hospitality organizations are used, such as: Bass, Stakis (Hilton), and Tesco, amongst others, to illustrate good and bad practice.

The Hacker's Handbook - Susan Young 2003-11-24
This handbook reveals those aspects of hacking least understood by network administrators. It analyzes subjects through a hacking/security dichotomy that details hacking maneuvers and defenses in the same context. Chapters are organized around specific components and tasks, providing theoretical background that prepares network defenders for the always-changing tools and techniques of intruders. Part I introduces programming, protocol, and attack concepts. Part II addresses subject areas (protocols, services, technologies, etc.) that may be vulnerable. Part III details consolidation activities that hackers may use following penetration.

Tokkatsu: The Japanese Educational Model Of Holistic Education - Tsuneyoshi Ryoko 2019-09-16
Though there has been much discussion on the academic aspects of Japanese education abroad (e.g., high scores on international tests, lesson study), there has been little information on the non-academic aspects of Japanese schooling. This non-academic aspect is called Tokkatsu (tokubetsu katsudo).Unlike math and reading, Tokkatsu is not confined to a certain period, but extends throughout the school day and even after-school activities — such as school excursions. It includes classroom activities such as classroom discussions, morning and afternoon meetings that take place daily, cleaning and serving lunch, school events such as sports day, school excursions, student councils, and club activities. Such activities occur every single day, throughout one's school years, from elementary school (actually, even kindergarten) to high school. They are, however, bound together by the common goals of the Tokkatsu framework.This book is the foremost attempt to address a gap in English literature on Tokkatsu.

Building Internet Firewalls - Elizabeth D. Zwicky 2000-06-26
In the five years since the first edition of this classic book was published, Internet use has exploded. The commercial world has rushed headlong into doing business on the Web, often without integrating sound security technologies and policies into their products and methods. The security risks--and the need to protect both business and personal data--have never been greater. We've updated Building Internet Firewalls to address these newer risks. What kinds of security threats does the Internet pose? Some, like password attacks and the exploiting of known security holes, have been around since the early days of networking. And others, like the distributed denial of service attacks that crippled Yahoo, E-Bay, and other major e-commerce sites in early 2000, are in current headlines. Firewalls, critical components of today's computer networks,

effectively protect a system from most Internet security threats. They keep damage on one part of the network--such as eavesdropping, a worm program, or file damage--from spreading to the rest of the network. Without firewalls, network security problems can rage out of control, dragging more and more systems down. Like the bestselling and highly respected first edition, Building Internet Firewalls, 2nd Edition, is a practical and detailed step-by-step guide to designing and installing firewalls and configuring Internet services to work with a firewall. Much expanded to include Linux and Windows coverage, the second edition describes: Firewall technologies: packet filtering, proxying, network address translation, virtual private networks Architectures such as screening routers, dual-homed hosts, screened hosts, screened subnets, perimeter networks, internal firewalls Issues involved in a variety of new Internet services and protocols through a firewall Email and News Web services and scripting languages (e.g., HTTP, Java, JavaScript, ActiveX, RealAudio, RealVideo) File transfer and sharing services such as NFS, Samba Remote access services such as Telnet, the BSD "r" commands, SSH, BackOrifice 2000 Real-time conferencing services such as ICQ and talk Naming and directory services (e.g., DNS, NetBT, the Windows Browser) Authentication and auditing services (e.g., PAM, Kerberos, RADIUS); Administrative services (e.g., syslog, SNMP, SMS, RIP and other routing protocols, and ping and other network diagnostics) Intermediary protocols (e.g., RPC, SMB, CORBA, IIOP) Database protocols (e.g., ODBC, JDBC, and protocols for Oracle, Sybase, and Microsoft SQL Server) The book's complete list of resources includes the location of many publicly available firewall construction tools.

Encyclopedia of Espionage, Intelligence, and Security: A-E - K. Lee Lerner 2004
Encyclopedia of espionage, intelligence and security (GVRL)

Hacking Exposed Wireless - Johnny Cache 2007-04-10
Secure Your Wireless Networks the Hacking Exposed Way Defend against the latest pervasive and devastating wireless attacks using the tactical security information contained in this comprehensive volume. Hacking Exposed Wireless reveals how hackers zero in on susceptible networks and peripherals, gain access, and execute debilitating attacks. Find out how to plug security holes in Wi-Fi/802.11 and Bluetooth systems and devices. You'll also learn how to launch wireless exploits from Metasploit, employ bulletproof authentication and encryption, and sidestep insecure wireless hotspots. The book includes vital details on new, previously unpublished attacks alongside real-world countermeasures. Understand the concepts behind RF electronics, Wi-Fi/802.11, and Bluetooth Find out how hackers use NetStumbler, WiSPY, Kismet, KisMAC, and AiroPeek to target vulnerable wireless networks Defend against WEP key brute-force, aircrack, and traffic injection hacks Crack WEP at new speeds using Field Programmable Gate Arrays or your spare PS3 CPU cycles Prevent rogue AP and certificate authentication attacks Perform packet injection from Linux Launch DoS attacks using device driver-independent tools Exploit wireless device drivers using the Metasploit 3.0 Framework Identify and avoid malicious hotspots Deploy WPA/802.11i authentication and encryption using PEAP, FreeRADIUS, and WPA pre-shared keys

Honeypots - R. C. Joshi 2011-02-03
A well-rounded, accessible exposition of honeypots in wired and wireless networks, this book addresses the topic from a variety of perspectives. Following a strong theoretical foundation, case studies enhance the practical understanding of the subject. The book covers the latest technology in information security and honeypots, including honeytokens, honeynets, and honeyfarms. Additional topics include denial of service, viruses, worms, phishing, and virtual honeypots and forensics. The book also discusses practical implementations and the current state of research.

Learn Routeros - Second Edition - Dennis Burgess 2011

Learning ELK Stack - Saurabh Chhajed 2015-11-26
Build mesmerizing visualizations, analytics, and logs from your data using Elasticsearch, Logstash, and Kibana About This Book Solve all your data analytics problems with the ELK stack Explore the power of Kibana4 search and visualizations built over Elasticsearch queries and learn about the features and plugins of Logstash Develop a complete data pipeline using the ELK stack Who This Book Is For If you are a developer or DevOps engineer interested in building a system that provides amazing insights and business metrics out of data sources, of various formats and types, using the open source technology stack that ELK provides, then this book is for you. Basic knowledge of Unix or any programming language will be helpful to make the most out of this book.

What You Will Learn Install, configure, and run Elasticsearch, Logstash, and Kibana Understand the need for log analytics and the current challenges in log analysis Build your own data pipeline using the ELK stack Familiarize yourself with the key features of Logstash and the variety of input, filter, and output plugins it provides Build your own custom Logstash plugin Create actionable insights using charts, histograms, and quick search features in Kibana4 Understand the role of Elasticsearch in the ELK stack In Detail The ELK stack—Elasticsearch, Logstash, and Kibana, is a powerful combination of open source tools. Elasticsearch is for deep search and data analytics. Logstash is for centralized logging, log enrichment, and parsing. Kibana is for powerful and beautiful data visualizations. In short, the Elasticsearch ELK stack makes searching and analyzing data easier than ever before. This book will introduce you to the ELK (Elasticsearch, Logstash, and Kibana) stack, starting by showing you how to set up the stack by installing the tools, and basic configuration. You'll move on to building a basic data pipeline using the ELK stack. Next, you'll explore the key features of Logstash and its role in the ELK stack, including creating Logstash plugins, which will enable you to use your own customized plugins. The importance of Elasticsearch and Kibana in the ELK stack is also covered, along with various types of advanced data analysis, and a variety of charts, tables ,and maps. Finally, by the end of the book you will be able to develop full-fledged data pipeline using the ELK stack and have a solid understanding of the role of each of the components. Style and approach This book is a step-by-step guide, complete with various examples to solve your data analytics problems by using the ELK stack to explore and visualize data.

Internet Addiction - Christian Montag 2017-03-27
The second edition of this successful book provides further and in-depth insight into theoretical models dealing with Internet addiction, as well as includes new therapeutical approaches. The editors also broach the emerging topic of smartphone addiction. This book combines a scholarly introduction with state-of-the-art research in the characterization of Internet addiction. It is intended for a broad audience including scientists, students and practitioners. The first part of the book contains an introduction to Internet addiction and their pathogenesis. The second part of the book is dedicated to an in-depth review of neuroscientific findings which cover studies using a variety of biological techniques including brain imaging and molecular genetics. The third part of the book focuses on therapeutic interventions for Internet addiction. The fourth part of the present book is an extension to the first edition and deals with a new emerging potential disorder related to Internet addiction – smartphone addiction. Moreover, in this second edition of the book new content has been added. Among others, the reader will find an overview of theoretical models dealing with Internet addiction, results from twin studies in the context of Internet addiction and additional insights into therapeutic approaches to Internet addiction.

Intrusion Detection & Prevention - Carl Endorf 2004
Authors Carl Endorf, Eugene Schultz, and Jim Mellander deliver the hands-on implementation techniques that IT professionals need. Learn to implement the top intrusion detection products into real-world networked environments and covers the most popular intrusion detection tools including Internet Security Systems' Black ICE & RealSecure, Cisco Systems' Secure IDS, Computer Associatesâ¬" eTrust, Entercept, and the open source Snort tool.

Information Technology Network and Internet - C. T. Bhunia 2005-12
This Book Is Specially Designed To Improve The Problem Solving Ability And The Imaginative Power Of Students Over The Subjects Of Information Technology, Network And Internet. The Conventional Text And Reference Books Ignore That Fact Young Minds Need To Be Properly Trained And Nurtured To Achieve Excellency. In The Book Lots Of Research Issues Are Discussed Pertaining The Current Issues Of Networking. The Book Covers General Topics Of Information Technology Including The Future Trends Of Computing And Networking, Networks In General Staring With Protocol To Wireless Networking, Internet Technology In Details Including Next Generation Internet.The Evolution Of Networking, Economics Benefits, Transitional Phases, Evolution Of Generations Of Computers And Communications, Pcn, Packet Switching To Atm Cell Switching, Lan, Man, Wan, Ethernet And Its Future Generations, Internetworking, Gateways, Bridges, Isdn, Xdsl And Applications Are Discussed. Tcp/Ip, Udp, Icmp, Arp, Rarp, Ipv6, Firewall Are Dealt With Problems And Exercises. The Future Network Will Face Three Major Challenges Of High Data Rate, Reliable Transport And Secured Transport. Two Exclusives Chapters Deal With Reliable Transport (Basically Error Control) And Secured Transport. The Details Analysis Of Bec Techniques Including Those Of Basic Arqs And Several New And Modified Approaches Are Extensively Discussed. Many Research Direction Are Examined.The Conventional Security Techniques Namely Coding Schemes, Key Transport Protocol, Key Distribution Protocols, One Time Key Pad, Des, Aes And Md Etc. Are Thoroughly Discussed In The Book. The Future Research Areas Of Secured Techniques Are Explored With Possible Solution. A Chapter On Successor Of Ir Now Believed As Knowledge Technology Has Been Referred To. In Fact In Every Chapter, Some Research Issues Are Mentioned With Judicious Selection And Approaches.The Book Is Aimed To Benefit Be/Btech And Mtech Students Of Computer Science & Engineering, Electronics & Communication Engineering, Information Technology And Electrical Engineering.

Digital Literacy For Dummies - Faithe Wempen 2014-10-07
Develop and implement essential computer technology—withconfidence Do you want to develop an understanding of technology to enhanceyour education, career, or personal life, but feel inhibited byyour digital literacy? Fear not! Written in plain English andabsent of undecipherable high-tech jargon, Digital Literacy ForDummies makes it easy to get a grip on computer basics, theInternet, the Cloud, browsing the web, productivity programs andapplications for school and the workplace, computer security andprivacy, the latest in digital lifestyle topics, and so muchmore. Walks you through the basics of developing essential computertechnology skills Shows you how to gain the digital literacy skills required tosucceed in education, at home, and in the workforce Explains how the use of smartphones and digital camerascontribute to digital literacy With the introduction of 3G and 4G services in emergingcountries like India, worldwide Internet usage is increasingexponentially. With this technological growth comes an opportunityfor people of all ages and from all walks of life to learn newskills to keep them ahead of the curve. Packed with easy-to-followexplanations and seasoned with a bit of humor and fun, DigitalLiteracy For Dummies makes it easy and accessible for anyone toharness the power of technology to remain relevant in school or atwork.

Practical Malware Analysis - Michael Sikorski 2012-02-01
Malware analysis is big business, and attacks can cost a company dearly. When malware breaches your defenses, you need to act quickly to cure current infections and prevent future ones from occurring. For those who want to stay ahead of the latest malware, Practical Malware Analysis will teach you the tools and techniques used by professional analysts. With this book as your guide, you'll be able to safely analyze, debug, and disassemble any malicious software that comes your way. You'll learn how to: –Set up a safe virtual environment to analyze malware –Quickly extract network signatures and host-based indicators –Use key analysis tools like IDA Pro, OllyDbg, and WinDbg –Overcome malware tricks like obfuscation, anti-disassembly, anti-debugging, and anti-virtual machine techniques –Use your newfound knowledge of Windows internals for malware analysis –Develop a methodology for unpacking malware and get practical experience with five of the most popular packers –Analyze special cases of malware with shellcode, C++, and 64-bit code Hands-on labs throughout the book challenge you to practice and synthesize your skills as you dissect real malware samples, and pages of detailed dissections offer an over-the-shoulder look at how the pros do it. You'll learn how to crack open malware to see how it really works, determine what damage it has done, thoroughly clean your network, and ensure that the malware never comes back. Malware analysis is a cat-and-mouse game with rules that are constantly changing, so make sure you have the fundamentals. Whether you're tasked with securing one network or a thousand networks, or you're making a living as a malware analyst, you'll find what you need to succeed in Practical Malware Analysis.

Analisis Celah Keamanan Jaringan Komputer dengan Menggunakan Raspberry Pi - Rudi Arif Candra, ST, MT; Dirja Nur Ilham, S.Kom, M.Cs; Arie Budiansyah, ST, M.Eng 2020-12-15
Penelitian ini bertujuan untuk mendesain dan merancang ad-blocker agar bisa diterapkan di semua jaringan dan dapat memblok iklan dari halaman web, situs web apa pun. Dengan memanfaatkan Raspberry Pi yang sering disebut komputer kecil SoC (System on Chip) yang ditanamkan pada perangkat jaringan seperti router. Fungsinya merupakan sebagai pemblokir iklan dengan menggunakan software Pi-Hole yang diterapkan untuk menyaring halaman web yang sudah disetting terlebih dahulu domainnya. Sehingga setiap perangkat yang terhubung pada jaringan yang sudah dipasangkan Raspberry Pi dan sudah disetting sebagai ad-blocker seperti smartphone, laptop, PC maka

setiap situs web yang dianggap tidak sesuai dengan yang dilegalkan di jaringan tersebut akan terblok dan tidak akan ditampilkan pada layar. Namun perangkat Raspberry Pi hanya berfungsi ketika perangkat Anda terhubung ke jaringan tempat Raspberry Pi berjalan. Sehingga lalulintas jaringan yang menggunakan Raspberry Pi bisa mengurangi latensi dan meningkatkan kecepatan penelusuran browser apa pun dengan memotong data ekstra iklan yang tidak layak untuk ditampilkan di halaman web. User juga dapat memilah situs web yang akan diblok dan data situs web yang tidak diblok menggunakan aplikasi Pi-Hole, menonaktifkan blok iklan atas situs web atau laman web tertentu.

Monitoring with Graphite - Jason Dixon 2017-03-13

Graphite has become one of the most powerful monitoring tools available today, due to its ease of use, rapid graph prototyping abilities, and a friendly rendering API. With this practical guide, system administrators and engineers will learn how to use this open source tool to track operational data you need to monitor your systems, as well as application-level metrics for profiling your services. Author Jason Dixon, member of the Graphite project, provides a thorough introduction of Graphite from the basics to the skills and tools you need for troubleshooting and scaling out its software components. If you want to learn more about monitoring systems, services, or applications, this is the book you need. Get an introduction to monitoring, including important concepts and terminology Examine the features and functionality of key Graphite components, including Carbon and Whisper Learn the typical user workflow necessary to create a basic line chart Build complex charts with chained functions and multiple axes that interact directly with the rendering API Understand how to use the native Graphite dashboard, as well as the more popular third-party dashboards Master the art of scaling and troubleshooting high-performance or highly available Graphite clusters

A Dictionary of Language - David Crystal 2001-06

No ordinary dictionary, David Crystal's Dictionary of Language includes not only descriptions of hundreds of languages literally from A to Z (Abkhaz to Zyryan) and definitions of literary and grammatical concepts, but also explanations of terms used in linguistics, language teaching, and speech pathology. If you are wondering how many people speak Macedonian, Malay, or Makua, or if you're curious about various theories of the origins of language, or if you were always unsure of the difference between structuralism, semiotics, and sociolinguistics, this superbly authoritative dictionary will answer all of your questions and hundred of others.