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Soft Computing and its Engineering Applications Kanubhai K. Patel 2021-03-04 This book constitutes the refereed proceedings of the Second International Conference on Soft Computing and its Engineering Applications, icSoftComp 2020, held in Changa, India, in December 2020. Due to the COVID-19 pandemic the conference was held online. The 24 full papers and 4 short papers presented were carefully reviewed and selected from 252 submissions. The papers present recent research on theory and applications in fuzzy computing, neuro computing, and evolutionary computing.

GB/T 29768-2013: Translated English of Chinese Standard. (GBT 29768-2013, GB/T29768-2013, GBT29768-2013) https://www.chinesestandard.net 2020-10-16 [After payment, write to & get a FREE-of-charge, unprotected true-PDF from: Sales@ChineseStandard.net] This standard specifies the physical layer and media access control layer parameters and protocol working methods of the air interface in 840 MHz ~ 845 MHz and 920 MHz ~ 925 MHz radio frequency identification system. This standard applies to the design, production, testing, use of tags and readers for radio frequency identification systems in the frequency bands of 840 MHz ~ 845 MHz and 920 MHz ~ 925 MHz.

Computer Organisation and Architecture B.S. Chalk 2017-03-14 This book describes how a computer works and explains how the various hardware components are organized and interconnected to provide a platform upon which programs can be executed. It takes a simple, step-by-step approach suitable for first year undergraduates coming to the subject for the first time. The second edition of this book has been thoroughly updated to cover new developments in the field and includes new diagrams and end-of-chapter exercises. It will also be accompanied by a lecturer and student web site which will contain solutions to exercises, further exercises, PowerPoint slides and all the source code used in the book.

Expert Twisted Mark Williams 2018-12-07 Explore Twisted, the Python-based event-driven networking engine, and review several of its most popular application projects. It is written by community leaders who have contributed to many of the projects covered, and share their hard-won insights and experience. Expert Twisted starts with an introduction to event-driven programming, explaining it in the context of what makes Twisted unique. It shows how Twisted's design emphasizes testability as a solution to common challenges of reliability, debugging, and start-to-finish causality that are inherent in event-driven programming. It also explains asynchronous programming, and the importance of functions, deferreds, and coroutines. It then uses two popular applications, treq and klein, to demonstrate calling and writing Web APIs with Twisted. The second part of the book dives into Twisted projects, in each case explaining how the project fits into the Twisted ecosystem and what it does, and offers several examples to bring readers up to speed, with pointers to additional resources for more depth. Examples include using Twisted with Docker, as a WSGI container, for file sharing, and more. What You'll Learn Integrate Twisted and asyncio using adapters Automate software build, test, and release

processes with Buildbot Create clients and servers with Autobahn Transfer files with Magic Wormhole Distribute cloud-based file storage with Tahoe LAFS Understand HTTP/2 with Python and Twisted Support for asynchronous tasks using Django Channels Who This Book Is For Readers should have some Python experience and understand the essentials of containers and protocols, but need not be familiar with Twisted or the associated projects covered in the book.

Memory Systems Bruce Jacob 2010-07-28 Is your memory hierarchy stopping your microprocessor from performing at the high level it should be? Memory Systems: Cache, DRAM, Disk shows you how to resolve this problem. The book tells you everything you need to know about the logical design and operation, physical design and operation, performance characteristics and resulting design trade-offs, and the energy consumption of modern memory hierarchies. You learn how to to tackle the challenging optimization problems that result from the side-effects that can appear at any point in the entire hierarchy. As a result you will be able to design and emulate the entire memory hierarchy. Understand all levels of the system hierarchy -Xcache, DRAM, and disk. Evaluate the system-level effects of all design choices. Model performance and energy consumption for each component in the memory hierarchy.

Cache and Memory Hierarchy Design Steven A. Przybylski 1990 A widely read and authoritative book for hardware and software designers. This innovative book exposes the characteristics of performance-optimal single- and multi-level cache hierarchies by approaching the cache design process through the novel perspective of minimizing execution time.

Supply Chain Management: Concepts, Methodologies, Tools, and Applications Management Association, Information Resources 2012-12-31 In order to keep up with the constant changes in technology, business have adopted supply chain management to improve competitive strategies on a strategic and operational level. Supply Chain Management: Concepts, Methodologies, Tools, and Applications is a reference collection which highlights the major concepts and issues in the application and advancement of supply chain management. Including research from leading scholars, this resource will be useful for academics, students, and practitioners interested in the continuous study of supply chain management and its influences.

Computational and Experimental Simulations in Engineering Satya N. Atluri 2020-12-14 This book gathers the latest advances, innovations, and applications in the field of computational engineering, as presented by leading international researchers and engineers at the 26th International Conference on Computational & Experimental Engineering and Sciences (ICCES), held in Phuket, Thailand on January 6-10, 2021. ICCES covers all aspects of applied sciences and engineering: theoretical, analytical, computational, and experimental studies and solutions of problems in the physical, chemical, biological, mechanical, electrical, and mathematical sciences. As such, the book discusses highly diverse topics, including composites; bioengineering & biomechanics; geotechnical engineering; offshore & arctic engineering; multi-scale & multi-physics fluid engineering; structural integrity & longevity; materials design & simulation; and

computer modeling methods in engineering. The contributions, which were selected by means of a rigorous international peer-review process, highlight numerous exciting ideas that will spur novel research directions and foster multidisciplinary collaborations.

Digital Signal Processing for RFID Feng Zheng 2016-03-04 This book discusses the fundamentals of RFID and the state-of-the-art research results in signal processing for RFID, including MIMO, blind source separation, anti-collision, localization, covert RFID and chipless RFID. Aimed at graduate students as well as academic and professional researchers/engineers in RFID technology, it enables readers to become conversant with the latest theory and applications of signal processing for RFID. Key Features: Provides a systematic and comprehensive insight into the application of modern signal processing techniques for RFID systems Discusses the operating principles, channel models of RFID, RFID protocols and analog/digital filter design for RFID Explores RFID-oriented modulation schemes and their performance Highlights research fields such as MIMO for RFID, blind signal processing for RFID, anti-collision of multiple RFID tags, localization with RFID, covert RFID and chipless RFID Contains tables, illustrations and design examples

Electric, Electronic and Control Engineering Fun Shao 2015-07-03 Electric, Electronic and Control Engineering contains the contributions presented at the 2015 International Conference on Electric, Electronic and Control Engineering (ICEECE 2015, Phuket Island, Thailand, 5-6 March 2015). The book is divided into four main topics: - Electric and Electronic Engineering - Mechanic and Control Engineering - Informati

Intelligent Spaces Alan Steventon 2010-05-30 This book sets out a vision ofpervasive IT through intelligent spaces and describes some ofthe progress that has been made towards its realisation. The context for intelligent spaces (or iSpaces) is the world where information and communication technology (lCT) disappears as it becomes embedded into physical objects and the spaces in which we live and work. The ultimate vision is that this embedded technology provides us with intelligent and contextually relevant support, augmenting our lives and our experience of the physical world in a benign and non intrusive manner. The enormous advances in hardware, system design, and software that are being achieved enable. this vision. In particular, the performance advances and cost reductions in hardware components - processors, memory, storage, and communications - are making it possible to embed intelligence and communications ability into lower cost objects. The Internet is a living experiment in building complex, distributed systems on a global scale. In software, there have been solid advances in creating systems that can deal with complexities on the scale required to interact with human activity, in limited domains at least. The ultimate vision is challenging, and there are many obstacles to its realisation.

Advances in Wireless Networks and Information Systems Qi Luo 2010-09-30 The purpose of WNIS 2009, the 2009 International Conference on Wireless N- works and Information Systems, is to bring together researchers, engineers and practitioners interested on information systems and applications in the context of wireless networks and mobile technologies. Information systems and information technology are pervasive in the whole communications field, which is quite vast, encompassing a large number of research topics and applications: from practical issues to the more abstract th- retical aspects of communication; from low level protocols to high-level netwo- ing and applications; from wireless networking technologies to mobile infor- tion systems; many other topics are included in the scope of WNIS 2009. The WNIS 2009 will be held in Shanghai, China, in December 2009. We cordially invite you to attend the 2009 International Conference on Wireless N- works and Information Systems. We are soliciting papers that present recent results, as well as more speculative presentations that discuss research challenges, define new applications, and propose methodologies for evaluating and the road map for achieving the vision of wireless networks and mobile technologies. The WNIS 2009 is co-sponsored by the Institute of Electrical and Electronics Engineers, the IEEE Shanghai Section, the Intelligent Information Technology Application Research Association, Hong Kong

and Wuhan Institute of Techn- ogy, China. The purpose of the WNIS 2009 is to bring together researchers and practitioners from academia, industry, and government to exchange their research ideas and results and to discuss the state of the art in the areas of the symposium.

Lectures on Language Performance C.E. Osgood 2013-03-08 Titling this book Lectures on Language Performance was not done to be cleverly "eye-catching"-the title is quite literally appropriate. With minor adaptations for a general reading audience, the eight chapters in this volume are the actual lectures I gave as the Linguistic Society of America Professor for its Summer Institute held at the University of Illinois in 1978. The eight lectures are an "anticipation" of my magnum opus-I guess when one has passed into his sixties he can be forgiven for saying this! a much larger volume (or volumes) to be titled Toward an Abstract Performance Grammar. The book in your hands is an anticipation of this work in at least three senses: for one thing, it doesn't pretend to cover the burgeoning literature relevant to the comparatively new field of psycholinguistics (my study at home is literally overflowing with reference materials, aU coded for various sections of the planned vol ume(s»; for another, both the style and the content of these Lectures were tailored to a very broad social science audience -including students and teachers in anthropology, linguistics, philosophy and psychology (as well as in various applied fields like second language learning and bilingualism); and for yet another thing, many sections of the planned magnum opus are hardly even touched on here-for example, these lectures do not "anticipate" major sections to be devoted to Efficiency vs.

Algorithms and Architectures for Parallel Processing Xiang-he Sun 2014-08-13 This two volume set LNCS 8630 and 8631 constitutes the proceedings of the 14th International Conference on Algorithms and Architectures for Parallel Processing, ICA3PP 2014, held in Dalian, China, in August 2014. The 70 revised papers presented in the two volumes were selected from 285 submissions. The first volume comprises selected papers of the main conference and papers of the 1st International Workshop on Emerging Topics in Wireless and Mobile Computing, ETWMC 2014, the 5th International Workshop on Intelligent Communication Networks, IntelNet 2014, and the 5th International Workshop on Wireless Networks and Multimedia, WNM 2014. The second volume comprises selected papers of the main conference and papers of the Workshop on Computing, Communication and Control Technologies in Intelligent Transportation System, 3C in ITS 2014, and the Workshop on Security and Privacy in Computer and Network Systems, SPCNS 2014.

The KBMT Project Kenneth Goodman 1991-09-25 Machine translation of natural languages is one of the most complex and comprehensive applications of computational linguistics and artificial intelligence. This is especially true of knowledge-based machine translation (KBMT) systems, which require many knowledge resources and processing modules to carry out the necessary levels of analysis, representation and generation of meaning and form. The number of real-world problems, tasks, and solutions involved in developing any realistic-size knowledge-based machine translation system is enormous. It is thus difficult for researchers in the field to learn what a system "really does". This book fills that need with a detailed case study of a KBMT system implemented at the Center for Machine Translation at Carnegie Mellon University. The research consists in part of the creation of a system for translation between English and Japanese. The corpora used in the project were manuals for installing and maintaining IBM personal computers (sponsorship by IBM, through its Tokyo Research Laboratory) Individual chapters describe the interlingua texts used in knowledge-based machine translation, the grammar formalism embodied in the system, the grammars and lexicons and their roles in the translation process, the process of source language analysis, an augmentation module that interactively and automatically resolves ambiguities remaining after source language analysis, and the generator, which produces target language sentences. Detailed appendices illustrate the process from analysis through generation. This book is intended for developers, researchers and advanced students in natural language processing and computational linguistics, including all those who have an interest in machine translation and machine-aided translation.

Cyberspace Safety and Security Yang Xiang 2012-12-02 This book constitutes the refereed proceedings of the 4th International Symposium on Cyberspace Safety and Security (CSS 2012), held in Melbourne, Australia, in December 2012. The 30 revised full papers presented together with 7 invited talks were carefully reviewed and selected from 105 submissions. The papers cover the following topics: mobile security, cyberspace attacks and defense, security application adn systems, network and cloud security, wireless security, security protocols and models.

The Computer Engineering Handbook Vojin G. Oklobdzija 2001-12-26 There is arguably no field in greater need of a comprehensive handbook than computer engineering. The unparalleled rate of technological advancement, the explosion of computer applications, and the now-in-progress migration to a wireless world have made it difficult for engineers to keep up with all the developments in specialties outside their own

App Inventor David Wolber 2011-05-03 Yes, you can create your own apps for Android phones—and it's easy to do. This extraordinary book introduces App Inventor for Android, a powerful visual tool that lets anyone build apps for Android-based devices. Learn the basics of App Inventor with step-by-step instructions for more than a dozen fun projects, such as creating location-aware apps, data storage, and apps that include decision-making logic. The second half of the book features an Inventor's manual to help you understand the fundamentals of app building and computer science. App Inventor makes an excellent textbook for beginners and experienced developers alike. Design games and other apps with 2D graphics and animation Create custom multi-media quizzes and study guides Create a custom tour of your city, school, or workplace Use an Android phone to control a LEGO® MINDSTORMS® NXT robot Build location-aware apps by working with your phone's sensors Explore apps that incorporate information from the Web Learn computer science as you build your apps

DB2 for Solaris Tom Bauch 2004 -- The insider's guide to table structures, cluster configuration, and other optimization opportunities. -- Provides best practices techniques for installing, configuring, and optimizing DB2 in the Solaris Operating Environment. -- Covers the new Solaris Operating Environment security features to make your databases even more secure! -- Part of the IBM Press DB2 Series. This is the only IBM insider's reference and guidebook for making the most of DB2 in Solaris enterprise environments. Coverage includes: integrating Solaris and DB2 to build more secure database applications; working with DB2's management utilities in a Solaris environment; client/server communications under Solaris; special issues and opportunities associated with running DB2 Universal Database Enterprise Edition under Solaris, and much more! The authors explain configuring Solaris and DB2 failover support and provide expert tips and techniques for DB2/Solaris performance monitoring, optimization, and troubleshooting. If you manage or develop for DB2 on Solaris, this book is critical to your success -- and you can't find it anywhere else!

RFID Essentials Bill Glover 2006-01-19 Tag Protocols; Protocol Terms and Concepts; How Tags Store Data; GS1 SGTIN Encoding; Find the header; Find the partition; Concatenate the header, filter value, and partition; Append the Company Prefix, Item Reference, and Serial Number; Calculate the CRC and append the EPC to it; Singulation and Anti-Collision Procedures; Slotted Aloha; Adaptive Binary Tree; Slotted Terminal Adaptive Collection (STAC); EPC UHF Class I Gen2; Tag memory; Inventory commands; The Select command; Access commands; Tag states; Tag Features for Security and Privacy; Destroying and Disabling Tags.

Internet of Things Yongheng Wang 2012-07-27 This book constitutes the refereed proceedings of the International Workshop on Internet of Things, IOT 2012, held in Changsha, China, during August 17-19. The 95 revised full papers presented were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on wireless sensor networks; RFID; sensors and equipments; data processing; security; applications and others.

The Construction of Discourse as Verbal Interaction María de los Ángeles Gómez González 2018-09-20 This edited volume showcases new work on discourse analysis by big names in the field and promising early-career researchers. Arising from the latest in the series of IWoDA

workshops in Santiago de Compostela, it provides novel insights into both the explicit and the implicit characteristics of discourse as used in verbal interaction. Discourse markers, as their name indicates, are among the explicit signals of coherence, while discourse relations may be either explicit or implicit. Similarly, the discourse used for purposes of evaluation, stance-taking and interpersonal engagement is either overt or covert, as is also true of the expression of emotions and empathy. This, in general terms, is the challenging terrain into which the contributors to this volume have ventured. The book combines theoretical issues with a practical orientation, comparing languages, analysing different registers, studying the openings of Skype conversations, and much more besides; it will prove highly relevant for postgraduate and advanced practitioners of discourse analysis, interaction studies, semantics and pragmatics.

Vibration Monitoring of Induction Motors William T. Thomson 2020-11-30 Master the art of vibration monitoring of induction motors with this unique guide to on-line condition assessment and fault diagnosis, building on the author's fifty years of investigative expertise. It includes: *Robust techniques for diagnosing of a wide range of common faults, including shaft misalignment and/or soft foot, rolling element bearing faults, sleeve bearing faults, magnetic and vibrational issues, resonance in vertical motor drives, and vibration and acoustic noise from inverters. *Detailed technical coverage of thirty real-world industrial case studies, from initial vibration spectrum analysis through to fault diagnosis and final strip-down. *An introduction to real-world vibration spectrum analysis for fault diagnosis, and practical guidelines to reduce bearing failure through effective grease management. This definitive book is essential reading for industrial end-users, engineers, and technicians working in motor design, manufacturing, and condition monitoring. It will also be of interest to researchers and graduate students working on condition monitoring.

Emerging Directions in Embedded and Ubiquitous Computing Mieso Denko 2007-11-27 This book constitutes the refereed proceedings of the EUC 2007 workshops held in conjunction with the IFIP International Conference on Embedded and Ubiquitous Computing, EUC 2007, in Taipei, Taiwan, in December 2007. The 69 revised full papers presented together with four invited papers were carefully reviewed and selected from about 200 submissions to the seven workshops. A broad range of topics are covered.

Information and Communications Security Sihan Qing 2018-04-17 This book constitutes the refereed proceedings of the 19th International Conference on Information and Communications Security, ICICS 2017, held in Beijing, China, in December 2017. The 43 revised full papers and 14 short papers presented were carefully selected from 188 submissions. The papers cover topics such as Formal Analysis and Randomness Test; Signature Scheme and Key Management; Algorithms; Applied Cryptography; Attacks and Attacks Defense; Wireless Sensor Network Security; Security Applications; Malicious Code Defense and Mobile Security; IoT Security; Healthcare and Industrial Control System Security; Privacy Protection; Engineering Issues of Crypto; Cloud and E-commerce Security; Security Protocols; Network Security.

Artificial Intelligence and Security Xingming Sun 2020-09-12 The 3-volume set CCIS 1252 until CCIS 1254 constitutes the refereed proceedings of the 6th International Conference on Artificial Intelligence and Security, ICAIS 2020, which was held in Hohhot, China, in July 2020. The conference was formerly called "International Conference on Cloud Computing and Security" with the acronym ICCCS. The total of 178 full papers and 8 short papers presented in this 3-volume proceedings was carefully reviewed and selected from 1064 submissions. The papers were organized in topical sections as follows: Part I: artificial intelligence; Part II: artificial intelligence; Internet of things; information security; Part III: information security; big data and cloud computing; information processing.

Unifying Electrical Engineering and Electronics Engineering Song Xing 2013-08-24 Unifying Electrical Engineering and Electronics Engineering is based on the Proceedings of the 2012 International Conference on Electrical and Electronics Engineering (ICEE 2012). This book collects the peer reviewed papers presented at the conference. The aim of the conference is to

unify the two areas of Electrical and Electronics Engineering. The book examines trends and techniques in the field as well as theories and applications. The editors have chosen to include the following topics; biotechnology, power engineering, superconductivity circuits, antennas technology, system architectures and telecommunication.

Official Gazette of the United States Patent Office United States. Patent Office 1961
NETWORKING 2000. Broadband Communications, High Performance Networking, and Performance of Communication Networks Guy Pujolle 2003-06-29 This was the first conference jointly organized by the IFIP Working Groups 6. 2, 6. 3, and 6. 4. Each of these three Working Groups has its own established series of conferences. Working Group 6. 2 sponsors the Broadband Communications series of conferences (Paris 1995, Montreal 1996, Lisboa 1997, Stuttgart 1998, and Hong-Kong 1999). Working Group 6. 3 sponsors the Performance of Communication Systems series of conferences (Paris 1981, Zürich 1984, Rio de Janeiro 1987, Barcelona 1990, Raleigh 1993, Istanbul 1995, and Lund 1998). Working Group 6. 4 sponsors the High Performance Networking series of conferences (Aaren 1987, Liège 1988, Berlin 1990, Liège 1992, Grenoble 1994, Palma 1995, New York 1997, Vienna 1998). It is expected that this new joint conference will take place every two years. In view of the three sponsoring Working Groups, there were three separate tracks, one per Working Group. Each track was handled by a different co chairman. Specifically, the track of Working Group 6. 2 was handled by Ulf Körner, the track of Working Group 6. 3 was handled by Ioanis Stavrakakis, and the track of Working Group 6. 4 was handled by Serge Fdida. The overall program committee chairman was Harry Perros, and the general conference chairman was Guy Pujolle. A total of 209 papers were submitted to the conference of which 82 were accepted. Each paper was submitted to one of the three tracks.

Applied Mechanics, Mechatronics and Intelligent Systems - Proceedings of the 2015 International Conference (ammis2015) Shihong Qin 2015-12-08

RFID and Sensor Networks Yan Zhang 2009-11-04 The escalating demand for ubiquitous computing along with the complementary and flexible natures of Radio Frequency Identification (RFID) and Wireless Sensor Networks (WSNs) have sparked an increase in the integration of these two dynamic technologies. Although a variety of applications can be observed under development and in practical use, there

Transfer Learning Qiang Yang 2020-01-31 Transfer learning deals with how systems can quickly adapt themselves to new situations, tasks and environments. It gives machine learning systems the ability to leverage auxiliary data and models to help solve target problems when there is only a small amount of data available. This makes such systems more reliable and robust, keeping the machine learning model faced with unforeseeable changes from deviating too much from expected performance. At an enterprise level, transfer learning allows knowledge to be reused so experience gained once can be repeatedly applied to the real world. For example, a pre-trained model that takes account of user privacy can be downloaded and adapted at the edge of a computer network. This self-contained, comprehensive reference text describes the standard algorithms and demonstrates how these are used in different transfer learning paradigms. It offers a solid grounding for newcomers as well as new insights for seasoned researchers and developers.

Specifications and Drawings of Patents Issued from the U.S. Patent Office United States. Patent Office 1874
Official Gazette of the United States Patent and Trademark Office United States. Patent and Trademark Office 2001
The RF in RFID Daniel M. Dobkin 2012-11-01 This book explains how UHF tags and readers communicate wirelessly. It gives an understanding of what limits the read range of a tag, how to increase it (and why that might result in breaking the law), and the practical things that need to be addressed when designing and implementing RFID technology. Avoiding heavy math but giving breadth of coverage with the right amount of detail, it is an ideal introduction to radio

communications for engineers who need insight into how tags and readers work. New to this edition: • Examples of near-metal antenna techniques • Discussion of the wakeup challenge for battery-assisted tags, with a BAT architecture example • Latest development of protocols: EPC Gen 1.2.0 • Update 18000-6 discussion with battery-assisted tags, sensor tags, Manchester tags and wakeup provisions Named a 2012 Notable Computer Book for Computer Systems Organization by Computing Reviews The only book to give an understanding of radio communications, the underlying technology for radio frequency identification (RFID) Praised for its readability and clarity, it balances breadth and depth of coverage New edition includes latest developments in chip technology, antennas and protocols

Tag Counting and Monitoring in Large-Scale RFID Systems Jihong Yu 2018-06-06 This book provides a comprehensive treatment of the theoretical foundation and algorithmic tools necessary in the design of efficient tag counting and monitoring algorithms in emerging RFID systems. The book delivers an in-depth analysis on the following problems ranging from theoretical modeling and analysis, to practical algorithm design and optimization: Stability analysis of the frame slotted Aloha protocol, the de facto standard in RFID tag counting and identification; Tag population estimation in dynamic RFID systems; Missing tag event detection in the presence of unexpected tags; Missing tag event detection in multi-group multi-region RFID systems. The target readers are researchers and advanced-level engineering students interested in acquiring in-depth knowledge on the topic and on RFID systems and their applications.

IBM System Storage TS7600 with ProtecTIER Version 3.3 Karen Orlando 2014-02-07 This IBM® Redbooks® publication describes the IBM solution for data deduplication, the IBM System Storage® TS7650G IBM ProtecTIER® Deduplication Gateway, and the IBM TS7620 ProtecTIER Deduplication Appliance Express. This solution consists of the IBM System Storage ProtecTIER Enterprise Edition V3.3 software and the IBM System Storage TS7600 family of products. They are designed to address the disk-based data protection needs of enterprise data centers. We describe the components that make up IBM System Storage TS7600 with ProtecTIER and provide extensive planning and sizing guidance that enables you to determine your requirements and the correct configuration for your environment. We then guide you through the basic setup steps on the system and on the host. We also describe all operational tasks that are required during normal day-to-day operation or when upgrading your TS7600 products. All available models of the ProtecTIER deduplication system can now be ordered in a configuration to operate in one of the following modes for which we provide setup, configuration and usage guidelines for your business needs: The Virtual Tape Library (VTL) interface is the foundation of ProtecTIER and emulates traditional automated tape libraries. The Symantec NetBackup OpenStorage (OST) API can be integrated with Symantec NetBackup to provide backup-to-disk without having to emulate traditional tape libraries. The newly available File System Interface (FSI) supports Common Internet File System (CIFS) and Network File System (NFS) as a backup target. This publication is intended for system programmers, storage administrators, hardware and software planners, and other IT personnel that are involved in planning, implementing, and the use of the IBM deduplication solution. It also is intended for anyone seeking detailed technical information about the IBM System Storage TS7600 with ProtecTIER.

The Apocalyptic HTML Arsenal John Rhea 2021-03-01 When you're in the trenches fighting a zombie onslaught, you'll need your most powerful weapons at your fingertips. This HTML element and global attribute reference book will keep your web development weapons sharp and your tension eased. Each element entry contains a fun description, opening and closing tags, flow type (inline or block), important attributes, related elements and example code to show how it works. There's also plenty of zombie jokes and fun but clear analogies. There are also entries on all of HTML's global attributes. Plus every entry is highly indexed for ease of access. Look at elements and attributes alphabetically by title or tag name. Click/tap on a related element to go straight to its entry. This HTML reference book will make learning and looking up HTML

elements fun again.

The 10th International Conference on Computer Engineering and Networks Qi Liu 2020-10-05 This book contains a collection of the papers accepted by the CENet2020 – the 10th International Conference on Computer Engineering and Networks held on October 16-18, 2020 in Xi'an, China. The topics focus but are not limited to Internet of Things and Smart Systems, Artificial Intelligence and Applications, Communication System Detection, Analysis and Application, and Medical Engineering and Information Systems. Each part can be used as an excellent reference by industry practitioners, university faculties, research fellows and undergraduates as well as graduate students who need to build a knowledge base of the most current advances and state-of-practice in the topics covered by this conference proceedings. This will enable them to produce, maintain, and manage systems with high levels of trustworthiness and complexity.

RFID Applied Jerry Banks 2007-03-30 Radio frequency identification or RFID is a broad-based technology that impacts business and society. With the rapid expansion of the use of this technology in everything from consumer purchases to security ID tags, to tracking bird migration, there is very little information available in book form that targets the widest range of the potential market. But this book is different! Where most of the books available cover specific technical underpinnings of RFID or specific segments of the market, this co-authored book by both academic and industry professionals, provides a broad background on the technology and the various applications of RFID around the world. Coverage is mainly non-technical, more business related for the broadest user base, however there are sections that step into the technical aspects for advanced, more technical readers.