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Shelter Systems Officer Training Course: Instructor guide 1983

New Perspectives Computer Concepts Comprehensive June Jamrich Parsons 2022-05-31 Helping you understand the technological foundations for a wide range of digital devices, New Perspectives Computer Concepts Comprehensive, 21st edition, presents what every learner should know about using technology to complete your education, launch a successful career and engage in issues that shape today's world. The book's proven learning path is structured with today's busy reader in mind. Leading tech author June Parsons combines the latest on emerging technology with detailed illustrations and interactive activities that help you quickly understand technical topics. This edition provides updated information on current operating systems, digital rights management, the deep web and dark web, blogs, videoconferencing trends, the pandemic's impact on tech jobs, work-at-home, remote learning and more. In addition, a unique module provides a hands-on introduction to programming. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

New Perspectives on Computer Concepts 2018: Comprehensive June Jamrich Parsons 2017-07-26 In today's world where technology impacts every aspect of life, you need to know how to evaluate devices, choose apps, maintain a professional online reputation, and ensure digital security. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2018, COMPREHENSIVE offers the insights to help. This book goes beyond the intuitive how-to of apps and social media to delve into broad concepts that are guiding current technologies such as self-driving cars, virtual reality, file sharing torrents, encrypted communications, photo forensics, and the Internet of Things. Numerous illustrations and interactive features make mastering technical topics a breeze, while the book's proven learning path is structured with today's busy reader in mind. This edition offers an insightful overview of what today's readers must know about using technology to complete an education, secure a successful career, and engage in issues that shape today's world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Advances in Neural Networks – ISNN 2018 Tingwen Huang 2018-05-25 This book constitutes the refereed proceedings of the 15th International Symposium on Neural Networks, ISNN 2018, held in Minsk, Belarus in June 2018.The 98 revised regular papers presented in this volume were carefully reviewed and selected from 214 submissions. The papers cover many topics of neural network-related research including intelligent control, neurodynamic analysis, bio-signal, bioinformatics and biomedical engineering, clustering, classification, forecasting, models, algorithms, cognitive computation, machine learning, and optimization.?

Intelligent Robotics and Applications Honghai Liu 2022-09-04 The 4-volume set LNAI 13455 - 13458 constitutes the proceedings of the 15th International Conference on Intelligent Robotics and Applications, ICIRA 2022, which took place in Harbin China, during August 2022. The 284 papers included in these proceedings were carefully reviewed and selected from 442 submissions. They were organized in topical sections as follows: Robotics, Mechatronics, Applications, Robotic Machining, Medical Engineering, Soft and Hybrid Robots, Human-robot Collaboration, Machine Intelligence, and Human Robot Interaction.

Fundamentals of Physics, Extended David Halliday 2013-08-05 The 10th edition of Halliday's Fundamentals of Physics, Extended building upon previous issues by offering several new features and additions. The new edition offers most accurate, extensive and varied set of assessment questions of any course management program in addition to all questions including some form of question assistance including answer specific feedback to facilitate success. The text also offers multimedia presentations (videos and animations) of much of the material that provide an alternative pathway through the material for those who struggle with reading scientific exposition. Furthermore, the book includes math review content in both a self-study module for more in-depth review and also in just-in-time math videos for a quick refresher on a specific topic. The Halliday content is widely accepted as clear, correct, and complete. The end-of-chapters problems are without peer. The new design, which was introduced in 9e continues with 10e, making this new edition of Halliday the most accessible and reader-friendly book on the market. WileyPLUS sold separately from text.

CompTIA A+ Core 1 (220-1001) and Core 2 (220-1002) Exam Cram David L. Prowse 2019-08-05 This is the eBook version of the print title. The eBook edition does not provide access to the test engine and practice test that accompanies the print book. This is the perfect study guide to help you pass CompTIA®'s new A+® Core 1 (220-1001) and Core 2 (220-1002) exams. It provides coverage and practice questions for every exam topic, including substantial new coverage of Windows 10, as well as new PC hardware, tablets, smartphones, macOS, Linux, cloud computing, and professional-level networking and security. Extensive prep tools include quizzes, Exam Alerts, our great last-minute Cram Sheet, two full practice exams in the print book and an additional two exams in the test engine, plus complete real-time practice and feedback through Pearson's state-of-the-art test engine. You'll also find 14 exclusive Real-World Scenario case studies, all linked to simulations or video on our bonus content site. Covers the critical information you'll need to know to score higher on your A+ Core 1 (220-1001) and Core 2 (220-1002) exams! --Deploy and manage computers running Windows 10/8/7, macOS, Linux, iOS, and Android --Master and practice the six-step A+ troubleshooting process --Understand, install, configure, and troubleshoot motherboards,

CPUs, and memory --Test and troubleshoot power-related problems --Use all forms of storage, including SSDs, optical devices, and RAID systems --Work effectively with mobile devices, including laptops, tablets, and smartphones --Configure Windows components and applications, use Windows administrative tools, and optimize Windows systems --Repair damaged Windows environments and troubleshoot Windows issues --Install and manage printers and other peripherals --Understand and work with networks, network hardware, wireless protocols, and cloud technologies --Install and configure SOHO wired/wireless networks, and troubleshoot connectivity --Secure desktops and mobile devices, implement authentication methods, prevent malware attacks, and protect data

P375SM Clevo 2013-07-10 Sager/Clevo P375SM laptop Service manual. Also a http://playcybots.com walkthrough. Please note that this is a test book (also useful, free information). Flowing text is the Cybots walkthrough, scanned/original pages are the Clevo P375SM service manual.

Geometric Design Consistency on High-speed Rural Two-lane Roadways 2003-01-01

Signals and Systems For Dummies Mark Wickert 2013-05-17 Getting mixed signals in your signals and systemscourse? The concepts covered in a typical signals and systemscourse are often considered by engineering students to be some ofthe most difficult to master. Thankfully, Signals & SystemsFor Dummies is your intuitive guide to this tricky course,walking you step-by-step through some of the more complex theoriesand mathematical formulas in a way that is easy to understand. From Laplace Transforms to Fourier Analyses, Signals &Systems For Dummies explains in plain English the difficultconcepts that can trip you up. Perfect as a study aid or tocomplement your classroom texts, this friendly, hands-on guidemakes it easy to figure out the fundamentals of signaland system analysis. Serves as a useful tool for electrical and computer engineeringstudents looking to grasp signal and system analysis Provides helpful explanations of complex concepts andtechniques related to signals and systems Includes worked-through examples of real-world applicationsusing Python, an open-source software tool, as well as a customfunction module written for the book Brings you up-to-speed on the concepts and formulas you need toknow Signals & Systems For Dummies is your ticket toscoring high in your introductory signals and systemscourse.

Brainlesion: Glioma, Multiple Sclerosis, Stroke and Traumatic Brain Injuries Alessandro Crimi 2021-03-26 This two-volume set LNCS 12658 and 12659 constitutes the thoroughly refereed proceedings of the 6th International MICCAI Brainlesion Workshop, BrainLes 2020, the International Multimodal Brain Tumor Segmentation (BraTS) challenge, and the Computational Precision Medicine: Radiology-Pathology Challenge on Brain Tumor Classification (CPM-RadPath) challenge. These were held jointly at the 23rd Medical Image Computing for Computer Assisted Intervention Conference, MICCAI 2020, in Lima, Peru, in October 2020.* The revised selected papers presented in these volumes were organized in the following topical sections: brain lesion image analysis (16 selected papers from 21 submissions); brain tumor image segmentation (69 selected papers from 75 submissions); and computational precision medicine: radiology-pathology challenge on brain tumor classification (6 selected papers from 6 submissions). *The workshop and challenges were held virtually.

xREF: System x Reference David Watts 2015-05-18 Lenovo System x® and BladeCenter® servers and Lenovo Flex SystemTM compute nodes help to deliver a dynamic infrastructure that provides leadership quality and service that you can trust. This document (simply known as xREF) is a quick reference guide to the specifications of the currently available models of each System x and BladeCenter server. Each page can be used in a stand-alone format and provides a dense and comprehensive summary of the features of that particular server model. Links to the related Product Guide are also provided for more information. An easy-to-remember link you can use to share this guide: http://lenovopress.com/xref Also available is xREF for Products Withdrawn Prior to 2012, a document that contains xREF sheets of System x, BladeCenter, and xSeries servers, and IntelliStation workstations that were withdrawn from marketing prior to 2012. Changes in the May 18 update: Added the Flex System Carrier-Grade Chassis See the Summary of changes in the document for a complete change history.

Life Sciences and Space Research XXIII(4) COSPAR. Plenary Meeting 1989

Algorithms and Architectures for Parallel Processing Joanna Kolodziej 2013-12-09 This two volume set LNCS 8285 and 8286 constitutes the proceedings of the 13th International Conference on Algorithms and Architectures for Parallel Processing, ICA3PP 2013, held in Vietri sul Mare, Italy in December 2013. The first volume contains 10 distinguished and 31 regular papers selected from 90 submissions and covering topics such as big data, multi-core programming and software tools, distributed scheduling and load balancing, high-performance scientific computing, parallel algorithms, parallel architectures, scalable and distributed databases, dependability in distributed and parallel systems, wireless and mobile computing. The second volume consists of four sections including 35 papers from one symposium and three workshops held in conjunction with ICA3PP 2013 main conference. These are 13 papers from the 2013 International Symposium on Advances of Distributed and Parallel Computing (ADPC 2013), 5 papers of the International Workshop on Big Data Computing (BDC 2013), 10 papers of the International Workshop on Trusted Information in Big Data (TIBiDa 2013) as well as 7 papers belonging to Workshop on Cloud-assisted Smart Cyber-Physical Systems (C-Smart CPS 2013).

Solid-State Drive Caching in the IBM XIV Storage System Bertrand Dufrasne 2012-05-10 This IBM® RedpaperTM publication provides information about the implementation and use of solid-state drives (SSDs) in IBM XIV® Storage System XIV Generation 3 (Gen3), running XIV software version 11.1.0 or later. In the XIV system, SSDs are used to increase the read cache capacity of the existing DRAM memory cache, and are not used for persistent storage. This paper begins with a high-level overview of the SSD implementation in XIV and a brief review of the SSD technology, with focus on the XIV system. It explains the SSD Caching design and implementation in XIV. Then it examines typical workloads that can benefit from the SSD Caching extension and introduces the tools and utilities to help you analyze and understand the workload. In particular, it highlights the block tracing facility that was designed and developed by IBM Research. Then this paper explains the process that authorized IBM services representatives use to install SSD Caching. It reviews the changes made to the XIV GUI and the XCLI to support SSD Caching. Finally this paper provides a listing of the new alert-generating events and monitoring options that are provided for SSD support. This paper is intended for users who want an insight into the XIV SSD Caching implementation and architecture, its capabilities, and usage. For more information about the IBM XIV Storage System, see the IBM Redbooks® publication, "IBM XIV Storage System: Architecture, Implementation, and Usage," SG24-7659.

On the Move to Meaningful Internet Systems: OTM 2008 Zahir Tari 2008-10-23 the second covering the issues of security in complex Internet-based information systems. Eachof these ?ve conferencesencouragesresearchersto treattheir respective topics within a framework that incorporates jointly (a) theory, (b) conceptual design and development, and (c) applications, in particular case studies and industrial solutions. Following and expanding the model created in 2003, we again solicited and selected quality workshop proposals to complement the more "archival" nature of the main conferences with research results in a number of selected and more "avant-garde"areasrelatedtothegeneraltopicofdistributedcomputing. For- stance, the so-called Semantic Web has given rise to severalnovel research areas combining linguistics, informationsystems technology,andarti?cialintelligence, such as the modeling of (legal) regulatory systems and the ubiquitous nature of

theirusage. WeweregladtoseethatinspiteofOnTheMoveswitchingsidesofthe Atlantic, seven of our earlier successful workshops (notably AweSOMe, SWWS, ORM,OnToContent,MONET,PerSys,RDDS) re-appearedin2008withathird or even fourth edition, sometimes by alliance with other newly emerging wo- shops, and that no fewer than seven brand-newindependent workshopscould be selected from proposals and hosted: ADI, COMBEK, DiSCo, IWSSA, QSI and SEMELS. Workshop audiences productively mingled with each other and with those of the main conferences, and there was considerable overlap in authors. The OTM organizers are especially grateful for the leadership, diplomacy and competence of Dr. Pilar Herrero in managing this complex and delicate process for the ?fth consecutive year.

Algorithms and Architectures for Parallel Processing Jaideep Vaidya 2018-12-06 The four-volume set LNCS 11334-11337 constitutes the proceedings of the 18th International Conference on Algorithms and Architectures for Parallel Processing, ICA3PP 2018, held in Guangzhou, China, in November 2018. The 141 full and 50 short papers presented were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on Distributed and Parallel Computing; High Performance Computing; Big Data and Information Processing; Internet of Things and Cloud Computing; and Security and Privacy in Computing.

Hands-On Microsoft Windows Server 2019 Jason Eckert 2020-06-26 The perfect resource for learning from the ground up, Eckert's HANDS-ON MICROSOFT WINDOWS SERVER 2019 is designed to build a foundation in basic server administration -- no prior server experience required. It covers all of the core Windows Server 2019 features using a logical topic flow and step-by-step exercises that can be performed within a home or college lab environment, making it an ideal choice for a Windows Server 2019 administration course. It teaches you how to deploy Windows Server 2019 in a variety of settings, including data center and cloud environments that rely on virtualization and containers. It also covers configuring and managing server storage, troubleshooting performance issues as well as working with common Windows Server technologies and network services, including Active Directory, DNS, DHCP, IPAM, file sharing, printing and remote access. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Pattern Recognition Shivakumara Palaiahnakote 2020-02-22 This two-volume set constitutes the proceedings of the 5th Asian Conference on ACPR 2019, held in Auckland, New Zealand, in November 2019. The 9 full papers presented in this volume were carefully reviewed and selected from 14 submissions. They cover topics such as: classification; action and video and motion; object detection and anomaly detection; segmentation, grouping and shape; face and body and biometrics; adversarial learning and networks; computational photography; learning theory and optimization; applications, medical and robotics; computer vision and robot vision; pattern recognition and machine learning; multi-media and signal processing and interaction.

Digital Cinematography David Stump 2014-03-21 First published in 2014. Routledge is an imprint of Taylor & Francis, an informa company.

10th International Conference on Theory and Application of Soft Computing, Computing with Words and Perceptions - ICSCCW-2019Rafik A. Aliev 2019-11-19 This book presents the proceedings of the 10th Conference on Theory and Applications of Soft Computing, Computing with Words and Perceptions, ICSCCW 2019, held in Prague, Czech Republic, on August 27–28, 2019. It includes contributions from diverse areas of soft computing and computing with words, such as uncertain computation, decision-making under imperfect information, neuro-fuzzy approaches, deep learning, natural language processing, and others. The topics of the papers include theory and applications of soft computing, information granulation, computing with words, computing with perceptions, image processing with soft computing, probabilistic reasoning, intelligent control, machine learning, fuzzy logic in data analytics and data mining, evolutionary computing, chaotic systems, soft computing in business, economics and finance, fuzzy logic and soft computing in earth sciences, fuzzy logic and soft computing in engineering, fuzzy logic and soft computing in material sciences, soft computing in medicine, biomedical engineering, and pharmaceutical sciences. Showcasing new ideas in the field of theories of soft computing and computing with words and their applications in economics, business, industry, education, medicine, earth sciences, and other fields, it promotes the development and implementation of these paradigms in various real-world contexts. This book is a useful guide for academics, practitioners and graduates.

Implementing IBM FlashSystem 840 Karen Orlando 2015-07-09 Almost all technological components in the data center are getting faster: central processing units, networks, storage area networks (SANs), and memory. All of them have improved their speed by a minimum of 10X; some of them by 100X, for example, data networks. However, spinning disk performance has only increased by 1.2 times. IBM® FlashSystemTM 840 version 1.3 closes this gap. The FlashSystem 840 is optimized for the data center to enable organizations of all sizes to strategically harness the value of stored data. It provides flexible capacity and extreme performance for the most demanding applications, including virtualized or bare-metal online transaction processing (OLTP) and online analytical processing (OLAP) databases, virtual desktop infrastructures (VDI), technical computing applications, and cloud environments. The system accelerates response times with IBM MicroLatency® access times as low as 90 ?s write latency and 135 ?s read latency to enable faster decision making. The introduction of a low capacity 1 TB flash module allows the FlashSystem 840 to be configured in capacity points as low as 2 TB in protected RAID 5 mode. Coupled with 10 GB iSCSI, the FlashSystem is positioned to bring extreme performance to small and medium-sized businesses (SMB) and growth markets. Implementing the IBM FlashSystem® 840 provides value that goes beyond those benefits that are seen on disk-based arrays. These benefits include better user experience, server and application consolidation, development cycle reduction, application scalability, data center footprint savings, and improved price performance economics. This IBM Redbooks® publication discusses IBM FlashSystem 840 version 1.3. It provides in-depth knowledge of the product architecture, software and hardware, its implementation, and hints and tips. Also illustrated are use cases that show real-world solutions for tiering, flash-only, and preferred read, as well as examples of the benefits gained by integrating the FlashSystem storage into business environments. Also described are product integration scenarios running the IBM FlashSystem 840 with the IBM SAN Volume Controller, and the IBM Storwize® family of products such V7000, V5000, and the V3700, as well as considerations when integrating with the IBM FlashSystem 840. The preferred practice guidance is provided for your FlashSystem environment with IBM 16 Gbps b-type products and features, focusing on Fibre Channel design. This book is intended for pre-sales and post-sales technical support professionals and storage administrators, and for anyone who wants to understand and learn how to implement this exciting technology.

Cyber-Assurance for the Internet of Things Tyson T. Brooks 2017-01-04 Presents an Cyber-Assurance approach to the Internet of Things (IoT) This book discusses the cyber-assurance needs of the IoT environment, highlighting key information assurance (IA) IoT issues and identifying the associated security implications. Through contributions from cyber-assurance, IA, information security and IoT industry practitioners and experts, the text covers fundamental and advanced concepts necessary to grasp current IA issues, challenges, and solutions for the IoT. The future trends in IoT infrastructures, architectures and applications are also examined. Other topics discussed include the IA protection of IoT systems and information being stored, processed or transmitted from

unauthorized access or modification of machine-2-machine (M2M) devices, radio-frequency identification (RFID) networks, wireless sensor networks, smart grids, and supervisory control and data acquisition (SCADA) systems. The book also discusses IA measures necessary to detect, protect, and defend IoT information and networks/systems to ensure their availability, integrity, authentication, confidentially, and non-repudiation. Discusses current research and emerging trends in IA theory, applications, architecture and information security in the IoT based on theoretical aspects and studies of practical applications Aids readers in understanding how to design and build cyber-assurance into the IoT Exposes engineers and designers to new strategies and emerging standards, and promotes active development of cyber-assurance Covers challenging issues as well as potential solutions, encouraging discussion and debate amongst those in the field Cyber-Assurance for the Internet of Things is written for researchers and professionals working in the field of wireless technologies, information security architecture, and security system design. This book will also serve as a reference for professors and students involved in IA and IoT networking. Tyson T. Brooks is an Adjunct Professor in the School of Information Studies at Syracuse University; he also works with the Center for Information and Systems Assurance and Trust (CISAT) at Syracuse University, and is an information security technologist and science-practitioner. Dr. Brooks is the founder/Editor-in-Chief of the International Journal of Internet of Things and Cyber-Assurance, an associate editor for the Journal of Enterprise Architecture, the International Journal of Cloud Computing and Services Science, and the International Journal of Information and Network Security.

Advances in Computational Intelligence Systems Zhaojie Ju 2019-08-29 This book highlights the latest research in computational intelligence and its applications. It covers both conventional and trending approaches in individual chapters on Fuzzy Systems, Intelligence in Robotics, Deep Learning Approaches, Optimization and Classification, Detection, Inference and Prediction, Hybrid Methods, Emerging Intelligence, Intelligent Health Care, and Engineering Data- and Model-Driven Applications. All chapters are based on peer-reviewed contributions presented at the 19th Annual UK Workshop on Computational Intelligence, held in Portsmouth, UK, on 4–6 September 2019. The book offers a valuable reference guide for readers with expertise in computational intelligence or who are seeking a comprehensive and timely review of the latest trends in computational intelligence. Special emphasis is placed on novel methods and their use in a wide range of application areas, updating both academics and professionals on the state of the art.

Algorithms and Architectures for Parallel Processing Yongxuan Lai 2022-02-22 The three volume set LNCS 13155, 13156, and 13157 constitutes the refereed proceedings of the 21st International Conference on Algorithms and Architectures for Parallel Processing, ICA3PP 2021, which was held online during December 3-5, 2021. The total of 145 full papers included in these proceedings were carefully reviewed and selected from 403 submissions. They cover the many dimensions of parallel algorithms and architectures including fundamental theoretical approaches, practical experimental projects, and commercial components and systems. The papers were organized in topical sections as follows: Part I, LNCS 13155: Deep learning models and applications; software systems and efficient algorithms; edge computing and edge intelligence; service dependability and security algorithms; data science; Part II, LNCS 13156: Software systems and efficient algorithms; parallel and distributed algorithms and applications; data science; edge computing and edge intelligence; blockchain systems; deept learning models and applications; IoT; Part III, LNCS 13157: Blockchain systems; data science; distributed and network-based computing; edge computing and edge intelligence; service dependability and security algorithms; software systems and efficient algorithms.

2021 International Conference on Big Data Analytics for Cyber-Physical System in Smart City Mohammed Atiquzzaman

New Perspectives on Computer Concepts 2018: Introductory June Jamrich Parsons 2017-06-29 In today's world where technology impacts every aspect of life, you need to know how to evaluate devices, choose apps, maintain a professional online reputation, and ensure digital security. NEW PERSPECTIVES ON COMPUTER CONCEPTS 2018, INTRODUCTORY offers the insights to help. This book goes beyond the intuitive how-to of apps and social media to delve into broad concepts that are guiding current technologies such as self-driving cars, virtual reality, file sharing torrents, encrypted communications, photo forensics, and the Internet of Things. Numerous illustrations and interactive features make mastering technical topics a breeze, while the book's proven learning path is structured with today's busy reader in mind. This edition offers an insightful overview of what today's readers must know about using technology to complete an education, secure a successful career, and engage in issues that shape today's world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Pattern Recognition and Computer Vision Zhouchen Lin 2019-10-31 The three-volume set LNCS 11857, 11858, and 11859 constitutes the refereed proceedings of the Second Chinese Conference on Pattern Recognition and Computer Vision, PRCV 2019, held in Xi'an, China, in November 2019. The 165 revised full papers presented were carefully reviewed and selected from 412 submissions. The papers have been organized in the following topical sections: Part I: Object Detection, Tracking and Recognition, Part II: Image/Video Processing and Analysis, Part III: Data Analysis and Optimization.

World Congress on Medical Physics and Biomedical Engineering September 7 - 12, 2009 Munich, Germany Olaf Dössel 2010-01-06 Present Your Research to the World! The World Congress 2009 on Medical Physics and Biomedical Engineering – the triennial scientific meeting of the IUPESM - is the world's leading forum for presenting the results of current scientific work in health-related physics and technologies to an international audience. With more than 2,800 presentations it will be the biggest conference in the fields of Medical Physics and Biomedical Engineering in 2009! Medical physics, biomedical engineering and bioengineering have been driving forces of innovation and progress in medicine and healthcare over the past two decades. As new key technologies arise with significant potential to open new options in diagnostics and therapeutics, it is a multidisciplinary task to evaluate their benefit for medicine and healthcare with respect to the quality of performance and therapeutic output. Covering key aspects such as information and communication technologies, micro- and nanosystems, optics and biotechnology, the congress will serve as an inter- and multidisciplinary platform that brings together people from basic research, R&D, industry and medical application to discuss these issues. As a major event for science, medicine and technology the congress provides a comprehensive overview and in–depth, first-hand information on new developments, advanced technologies and current and future applications. With this Final Program we would like to give you an overview of the dimension of the congress and invite you to join us in Munich! Olaf Dössel Congress President Wolfgang C.

NASA Authorization for Fiscal Year 1967 United States. Congress. Senate. Aeronautical and Space Sciences 1966

Advances in Multimedia Information Processing – PCM 2018 Richang Hong 2018-09-18 The three-volume set LNCS 101164, 11165, and 11166 constitutes the refereed proceedings of the 19th Pacific-Rim Conference on Multimedia, PCM 2018, held in Hefei, China, in September 2018. The 209 regular papers presented together with 20 special session papers were carefully reviewed and selected from 452 submissions. The papers cover topics such as: multimedia content analysis; multimedia signal processing and communications; and multimedia applications and services.

The Role of Corporate Sustainability in Asian Development Gilbert Lenssen 2017-05-11 This book examines the challenges faced by seven multinational companies - Intel, Lenovo, Samsung

Electronics, ZTE, BMW Hyundai Motor Company, Mahindra and Mahindra - in their endeavour to contribute to the economic, environmental and social development of Asia. The lessons learned from the examination of these business practices may directly contribute to an increase in the practice of sustainable management and may as such contribute to positive economic, environmental and social impact of companies in this region. The cases are highly relevant for management theoreticians seeking to deepen our understanding of corporate sustainability in an area where scholars, practitioners and policy-makers can expect new questions, problems and challenges in the years ahead. The book is also of high interest to policy review agencies, policy makers and welfare economists seeking to support the development of a comprehensive sustainability framework for managing social and environmental issues in the context of Asia.

IBM Power System E850 Technical Overview and Introduction Scott Vetter 2017-04-25 This IBM® RedpaperTM publication is a comprehensive guide covering the IBM Power System E850 (8408-E8E) server that supports IBM AIX®, and Linux operating systems. The objective of this paper is to introduce the major innovative Power E850 offerings and their relevant functions: The new IBM POWER8TM processor, available at frequencies of 3.02 GHz, 3.35 GHz, and 3.72 GHz Significantly strengthened cores and larger caches Two integrated memory controllers with improved latency and bandwidth Integrated I/O subsystem and hot-pluggable PCIe Gen3 I/O slots I/O drawer expansion options offer greater flexibility Improved reliability, serviceability, and availability (RAS) functions IBM EnergyScaleTM technology that provides features such as power trending, power-saving, capping of power, and thermal measurement This publication is for professionals who want to acquire a better understanding of IBM Power SystemsTM products. The intended audience includes the following roles: Clients Sales and marketing professionals Technical support professionals IBM Business Partners Independent software vendors This paper expands the current set of IBM Power Systems documentation by providing a desktop reference that offers a detailed technical description of the Power E850 system. This paper does not replace the latest marketing materials and configuration tools. It is intended as an additional source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions.

CompTIA A+ Practice Questions Exam Cram Core 1 (220-1001) and Core 2 (220-1002) David L. Prowse 2019-09-11 CompTIA A+ Practice Questions Exam Cram Core 1 (220-1001) and Core 2 (220-1002) complements any A+ study plan with 480 practice test questions in the book plus two bonus exams on the companion website—all supported by complete explanations of every answer. This package's highly realistic questions cover every area of knowledge for both new A+ exams: 220-1001 and 220-1002. From Pearson IT Certification, a leader in IT Certification learning and a CompTIA Authorized Platinum Partner, this valuable resource: Covers the critical information you'll need to know to score higher on your A+ 220-1001 and 220-1002 exams! Features 480 questions presented as three full, realistic practice exams for each A+ certification test: both 220-1001 and 220-1002 Includes a detailed answer explanation for every question Addresses all objectives for the 220-1001 and 220-1002 A+ exams, so you can easily assess your knowledge of every topic Coverage includes: Core 1 220-1001: Mobile devices, networking, hardware, virtualization and cloud computing, and hardware and network troubleshooting Core 2 220-1002: Operating systems, security, software troubleshooting, and operational procedures

Collaborative Computing: Networking, Applications and Worksharing Honghao Gao 2021-01-21 This two-volume set constitutes the refereed proceedings of the 16th International Conference on Collaborative Computing: Networking, Applications, and Worksharing, CollaborateCom 2020, held in Shanghai, China, in October 2020. The 61 full papers and 16 short papers presented were carefully reviewed and selected from 211 submissions. The papers reflect the conference sessions as follows: Collaborative Applications for Network and E-Commerce; Optimization for Collaborate System; Cloud and Edge Computing; Artificial Intelligence; AI Application and Optimization; Classification and Recommendation; Internet of Things; Collaborative Robotics and Autonomous Systems; Smart Transportation.

Medical Image Computing and Computer Assisted Intervention – MICCAI 2018 Alejandro F. Frangi 2018-09-13 The four-volume set LNCS 11070, 11071, 11072, and 11073 constitutes the refereed proceedings of the 21st International Conference on Medical Image Computing and Computer-Assisted Intervention, MICCAI 2018, held in Granada, Spain, in September 2018. The 373 revised full papers presented were carefully reviewed and selected from 1068 submissions in a double-blind review process. The papers have been organized in the following topical sections: Part I: Image Quality and Artefacts; Image Reconstruction Methods; Machine Learning in Medical Imaging; Statistical Analysis for Medical Imaging; Image Registration Methods. Part II: Optical and Histology Applications: Optical Imaging Applications; Histology Applications; Microscopy Applications; Optical Coherence Tomography and Other Optical Imaging Applications. Cardiac, Chest and Abdominal Applications: Cardiac Imaging Applications: Colorectal, Kidney and Liver Imaging Applications; Lung Imaging Applications; Breast Imaging Applications; Other Abdominal Applications. Part III: Diffusion Tensor Imaging and Functional MRI: Diffusion Tensor Imaging; Diffusion Weighted Imaging; Functional MRI; Human Connectome. Neuroimaging and Brain Segmentation Methods: Neuroimaging; Brain Segmentation Methods. Part IV: Computer Assisted Intervention: Image Guided Interventions and Surgery; Surgical Planning, Simulation and Work Flow Analysis; Visualization and Augmented Reality. Image Segmentation Methods: General Image Segmentation Methods, Measures and Applications; Multi-Organ Segmentation; Abdominal Segmentation Methods; Cardiac Segmentation Methods; Chest, Lung and Spine Segmentation; Other Segmentation Applications.

New Perspectives Concepts Introductory June Jamrich Parsons 2022-05-31 Technology impacts every aspect of life, and choices are endless. You need to know how to evaluate devices, choose apps, maintain a compelling online reputation and lock down digital security. Cengage's NEW PERSPECTIVES COMPUTER CONCEPTS INTRODUCTORY 21st Edition goes beyond the intuitive how-to of apps and social media to delve into the broad concepts that are guiding current technologies, such as self-driving cars, virtual reality, file sharing torrents, encrypted communications, photo forensics and the Internet of Things. Detailed illustrations and interactive features help you quickly understand technical topics. Completely up to date, this edition offers an insightful overview of what every learner should know about using technology to complete your education, launch a successful career and engage in issues that shape today's world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Intelligent Computing Methodologies De-Shuang Huang 2020-10-15 This two-volume set of LNCS 12463 and LNCS 12464 constitutes - in conjunction with the volume LNAI 12465 - the refereed proceedings of the 16th International Conference on Intelligent Computing, ICIC 2020, held in Bari, Italy, in October 2020. The 162 full papers of the three proceedings volumes were carefully reviewed and selected from 457 submissions. The ICIC theme unifies the picture of contemporary intelligent computing techniques as an integral concept that highlights the trends in advanced computational intelligence and bridges theoretical research with applications. The theme for this conference is "Advanced Intelligent Computing Methodologies and Applications." Papers related to this theme are especially solicited, addressing theories, methodologies, and applications in science and technology.

Discovering Computers: Digital Technology, Data, and Devices, 17th edition Jennifer T. Campbell 2022-08-11 DISCOVERING COMPUTERS: DIGITAL TECHNOLOGY, DATA, AND DEVICES, 17th

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