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KEY=DELL - NICHOLSON MARISOL

COMPUTER BUYER'S GUIDE AND HANDBOOK

HANDBOOK OF ENERGY

DIAGRAMS, CHARTS, AND TABLES

Newnes Handbook of Energy, Volume I: Diagrams, Charts, and Tables provides comprehensive, organized coverage on all phases of energy and its role in society, including its social, economic, political, historical, and environmental aspects. While there is a wealth of information about energy available, it is spread across many books, journals, and websites and it tends to target either a particular form of energy or a specific audience. Handbook of Energy provides a central repository of information that meets diverse user communities. It focuses on visual, graphic, and tabular information in a schematic format. Individuals and researchers at all educational levels will find the Handbook of Energy to be a valuable addition to their personal libraries. Easy-to-read technical diagrams and tables display a vast array of data and concepts

RECENT ADVANCES IN INFORMATION AND COMMUNICATION TECHNOLOGY

PROCEEDINGS OF THE 10TH INTERNATIONAL CONFERENCE ON COMPUTING AND INFORMATION TECHNOLOGY (IC2IT2014)

Springer Science & Business Media Computer and Information Technology (CIT) are now involved in governmental, industrial, and business domains more than ever. Thus, it is important for CIT personnel to continue academic research to improve technology and its adoption to modern applications. The up-to-date research and technologies must be distributed to researchers and CIT community continuously to aid future development. The 10th International Conference on Computing and Information Technology (IC 2 IT2014) organized by King Mongkut's University of Technology North Bangkok (KMUTNB) and partners provides an exchange of the state of the art and future developments in the two key areas of this process: Computer Networking and Data Mining. Behind the background of the foundation of ASEAN, it becomes clear that efficient languages, business principles and communication methods need to be adapted, unified and especially optimized to gain a maximum benefit to the users and customers of future IT systems.

PC WORLD

THE ROLE OF WORKING MEMORY AND EXECUTIVE FUNCTION IN COMMUNICATION UNDER ADVERSE CONDITIONS

Frontiers Media SA Communication is vital for social participation. However, communication often takes place under suboptimal conditions. This makes communication harder and less reliable, leading at worst to social isolation. In order to promote participation, it is necessary to understand the mechanisms underlying communication in different situations. Human communication is often speech based, either oral or written, but may also involve gesture, either accompanying speech or in the form of sign language. For communication to be achieved, a signal generated by one person has to be perceived by another person, attended to, comprehended and responded to. This process may be hindered by adverse conditions including factors that may be internal to the sender (e.g. incomplete or idiosyncratic language production), occur during transmission (e.g. background noise or signal processing) or be internal to the receiver (e.g. poor grasp of the language or sensory impairment). The extent to which these factors interact to generate adverse conditions may differ across the lifespan. Recent work has shown that successful speech communication under adverse conditions is associated with good cognitive capacity including efficient working memory and executive abilities such as updating and inhibition. Further, frontoparietal networks associated with working memory and executive function have been shown to be activated to a greater degree when it is harder to achieve speech comprehension. To date, less work has focused on sign language communication under adverse conditions or the role of gestures accompanying speech communication under adverse conditions. It has been proposed that the role of working memory in communication under such conditions is to keep fragments of an incomplete signal in mind, updating them as appropriate and inhibiting irrelevant information, until an adequate match can be achieved with lexical and semantic representations held in long term memory. Recent models of working memory highlight an episodic buffer whose role is the multimodal integration of information from the senses and long term memory. It is likely that the episodic buffer plays a key role in communication under adverse conditions. The aim of this research topic is to draw together multiple perspectives on communication under adverse conditions including empirical and theoretical approaches. This will facilitate a scientific exchange among individual scientists and groups studying different aspects of communication under adverse conditions and/or the role of cognition in communication. As such, this topic belongs firmly within the field of Cognitive Hearing Science. Exchange of ideas among scientists with different perspectives on these issues will allow researchers to identify and highlight the way in which different internal and external factors interact to make communication in different modalities more or less successful across the lifespan. Such exchange is the forerunner of broader dissemination of results which ultimately, may make it possible to take measures to reduce adverse conditions, thus facilitating communication. Such measures might be implemented in relation to the built environment, the design of hearing aids and public awareness.

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PC MAG

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

HWM

Singapore's leading tech magazine gives its readers the power to decide with its informative articles and in-depth reviews.

COMMERCE BUSINESS DAILY

HISTORY COMPUTER REVIEW

PC/COMPUTING

ADVANCES IN CRYPTOLOGY -- CRYPTO 2015

35TH ANNUAL CRYPTOLOGY CONFERENCE, SANTA BARBARA, CA, USA, AUGUST 16-20, 2015, PROCEEDINGS, PART I

Springer The two volume-set, LNCS 9215 and LNCS 9216, constitutes the refereed proceedings of the 35th Annual International Cryptology Conference, CRYPTO 2015, held in Santa Barbara, CA, USA, in August 2015. The 74 revised full papers presented were carefully reviewed and selected from 266 submissions. The papers are organized in the following topical sections: lattice-based cryptography; cryptanalytic insights; modes and constructions; multilinear maps and IO; pseudorandomness; block cipher cryptanalysis; integrity; assumptions; hash functions and stream cipher cryptanalysis; implementations; multiparty computation; zero-knowledge; theory; signatures; non-signaling and information-theoretic crypto; attribute-based encryption; new primitives; and fully homomorphic/functional encryption.

PC MAGAZINE

THE INDEPENDENT GUIDE TO IBM-STANDARD PERSONAL COMPUTING

HANDBOOK OF SMART TEXTILES

Springer The "Handbook of Smart Textiles" aims to provide a comprehensive overview in the field of smart textile describing the state of the art in the research sector as well as the well-established techniques applied in industries. The handbook is planned to cover from fundamental theories, experimental techniques, characterization methods, as well as real applications with successful commercialized examples. The book is structured in a way in which it is appropriate for graduate students, PhD candidates, and professionals in diverse scientific and engineering communities devoted to relevant fields, including textile engineering, chemistry, bioengineering, material engineering, mechanical engineering, electrical engineering. The book will also provide a solid reference for industrial players who look for innovative technologies as well as environmental, safety concerns for the development of smart textile related products.

PC MAG

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better

buying decisions and get more from technology.

OLD NEW THING

PRACTICAL DEVELOPMENT THROUGHOUT THE EVOLUTION OF WINDOWS, THE

Addison-Wesley Professional "Raymond Chen is the original raconteur of Windows." --Scott Hanselman, ComputerZen.com "Raymond has been at Microsoft for many years and has seen many nuances of Windows that others could only ever hope to get a glimpse of. With this book, Raymond shares his knowledge, experience, and anecdotal stories, allowing all of us to get a better understanding of the operating system that affects millions of people every day. This book has something for everyone, is a casual read, and I highly recommend it!" --Jeffrey Richter, Author/Consultant, Cofounder of Wintellect "Very interesting read. Raymond tells the inside story of why Windows is the way it is." --Eric Gunnerson, Program Manager, Microsoft Corporation "Absolutely essential reading for understanding the history of Windows, its intricacies and quirks, and why they came about." --Matt Pietrek, MSDN Magazine's Under the Hood Columnist "Raymond Chen has become something of a legend in the software industry, and in this book you'll discover why. From his high-level reminiscences on the design of the Windows Start button to his low-level discussions of GlobalAlloc that only your inner-geek could love, *The Old New Thing* is a captivating collection of anecdotes that will help you to truly appreciate the difficulty inherent in designing and writing quality software." --Stephen Toub, Technical Editor, MSDN Magazine Why does Windows work the way it does? Why is Shut Down on the Start menu? (And why is there a Start button, anyway?) How can I tap into the dialog loop? Why does the GetWindowText function behave so strangely? Why are registry files called "hives"? Many of Windows' quirks have perfectly logical explanations, rooted in history. Understand them, and you'll be more productive and a lot less frustrated. Raymond Chen--who's spent more than a decade on Microsoft's Windows development team--reveals the "hidden Windows" you need to know. Chen's engaging style, deep insight, and thoughtful humor have made him one of the world's premier technology bloggers. Here he brings together behind-the-scenes explanations, invaluable technical advice, and illuminating anecdotes that bring Windows to life--and help you make the most of it. A few of the things you'll find inside: What vending machines can teach you about effective user interfaces A deeper understanding of window and dialog management Why performance optimization can be so counterintuitive A peek at the underbelly of COM objects and the Visual C++ compiler Key details about backwards compatibility--what Windows does and why Windows program security holes most developers don't know about How to make your program a better Windows citizen

COMPUTER ORGANIZATION AND DESIGN

THE HARDWARE/SOFTWARE INTERFACE, THIRD EDITION

Elsevier This best selling text on computer organization has been thoroughly updated to reflect the newest technologies. Examples highlight the latest processor designs, benchmarking standards, languages and tools. As with previous editions, a MIPS processor is the core used to present the fundamentals of hardware technologies at work in a computer system. The book presents an entire MIPS instruction set--instruction by instruction--the fundamentals of assembly language, computer arithmetic, pipelining, memory hierarchies and I/O. A new aspect of the third edition is the explicit connection between program performance and CPU performance. The authors show how hardware and software components--such as the specific algorithm, programming language, compiler, ISA and processor implementation--impact program performance. Throughout the book a new feature focusing on program performance describes how to search for bottlenecks and improve performance in various parts of the system. The book digs deeper into the hardware/software interface, presenting a complete view of the function of the programming language and compiler--crucial for understanding computer organization. A CD provides a toolkit of simulators and compilers along with tutorials for using them. For instructor resources click on the grey "companion site" button found on the right side of this page. This new edition represents a major revision. New to this edition: * Entire Text has been updated to reflect new technology * 70% new exercises. * Includes a CD loaded with software, projects and exercises to support courses using a number of tools * A new interior design presents defined terms in the margin for quick reference * A new feature, "Understanding Program Performance" focuses on performance from the programmer's perspective * Two sets of exercises and solutions, "For More Practice" and "In More Depth," are included on the CD * "Check Yourself" questions help students check their understanding of major concepts * "Computers In the Real World" feature illustrates the diversity of uses for information technology *More detail below...

PRACTICAL GASTROINTESTINAL ENDOSCOPY

THE FUNDAMENTALS

John Wiley & Sons Gastrointestinal endoscopy is now mainstream and the focus is now changing from developing new techniques to enhancing the efficiency and quality of fundamental techniques. There are three elements to this agenda: initial training, continuous quality improvement and patient empowerment. For the first time, the book is accompanied by two CD-ROMs -featuring video and animation of how to perform the techniques. The first CD-ROM covers the upper GI tract and consists of two sections: (1) the background to instruments and how to get set up, and (2) how to perform diagnostic techniques. The second CD-ROM covers diagnostic and therapeutic procedures in colonoscopy. Cotton and Williams' book has evolved with each new edition to reflect developments in the field of endoscopy over the last 20 years. This fifth edition draws on the vast experience of the authors and heralds current changes in both endoscopy and publishing. The emerging 'back to basics' attitude of endoscopy opinion formers with regard to the teaching of endoscopy has resulted in a more focused table of contents specifically targeted at newcomers to this specialty.

WINDOWS MAGAZINE

BYTE

FORTUNE

HARD DRIVE BIBLE

THE HARD DRIVE BIBLE, EIGHTH EDITION is the definitive reference book for anyone who deals with personal computer data storage devices of any kind. This comprehensive work covers installations, drive parameters, & set up information for thousands of Hard Disk, Optical, DAT Tape, & CD-ROM Drives. A concise history of data storage devices is followed by the most expansive compilation of technical data offered to the public today. Specifications, drawings, charts & photos cover jumper settings, cabling, partitioning & formatting of disk drives. SCSI commands & protocols are addressed, in addition to chapters revealing the intricacies of different interface standards & common troubleshooting procedures. THE HARD DRIVE BIBLE contains the answers to anyone's questions concerning the purchase, installation & use of modern digital data storage devices. The difficulties caused by compatibility mismatches are addressed & solutions are offered. Also featured are controller card information & performance ratings, as well as valuable tips on increasing drive performance & reliability through software. THE HARD DRIVE BIBLE is published by Corporate Systems Center, one of the leaders in the digital storage device field. A CD-ROM included with the book carries CSC's drive performance test software & formatting tools, as well as thousands of drive parameters, specifications, & technical drawings. To order contact: Corporate Systems Center, 1294 Hammerwood Avenue, Sunnyvale, CA 94089; 408-743-8787.

THE SCOTTISH BOOK

MATHEMATICS FROM THE SCOTTISH CAFÉ, WITH SELECTED PROBLEMS FROM THE NEW SCOTTISH BOOK

Birkhäuser The second edition of this book updates and expands upon a historically important collection of mathematical problems first published in the United States by Birkhäuser in 1981. These problems serve as a record of the informal discussions held by a group of mathematicians at the Scottish Café in Lwów, Poland, between the two world wars. Many of them were leaders in the development of such areas as functional and real analysis, group theory, measure and set theory, probability, and topology. Finding solutions to the problems they proposed has been ongoing since World War II, with prizes offered in many cases to those who are successful. In the 35 years since the first edition published, several more problems have been fully or partially solved, but even today many still remain unsolved and several prizes remain unclaimed. In view of this, the editor has gathered new and updated commentaries on the original 193 problems. Some problems are solved for the first time in this edition. Included again in full are transcripts of lectures given by Stanislaw Ulam, Mark Kac, Antoni Zygmund, Paul Erdős, and Andrzej Granas that provide amazing insights into the mathematical environment of Lwów before World War II and the development of The Scottish Book. Also new in this edition are a brief history of the University of Wrocław's New Scottish Book, created to revive the tradition of the original, and some selected problems from it. The Scottish Book offers a unique opportunity to communicate with the people and ideas of a time and place that had an enormous influence on the development of mathematics and try their hand on the unsolved problems. Anyone in the general mathematical community with an interest in the history of modern mathematics will find this to be an insightful and fascinating read.

MODELING AND USING CONTEXT

10TH INTERNATIONAL AND INTERDISCIPLINARY CONFERENCE, CONTEXT 2017, PARIS, FRANCE, JUNE 20-23, 2017, PROCEEDINGS

Springer This book constitutes the proceedings of the 10th International and Interdisciplinary Conference on Modeling and Using Context, CONTEXT 2017, held in Paris, France, in June 2017. The 26 full papers and 15 short papers presented were carefully reviewed and selected from 88 submissions. The papers feature research in a wide range of disciplines related to issues of context and contextual knowledge and discuss commonalities across and differences between the disciplines' approaches to the study of context. They are organized in the following topical sections: context in representation; context modeling of human activities; context in communication; context awareness; and various specific topics.

HOW TO UPDATE YOUR PC BIOS IN 3 EASY STEPS

Wim Bervoets In this guide we will show you how to update your BIOS in a secure and safe manner! Common reasons for applying a BIOS update are: Better stability of your PC Improved recognition of peripherals. (like hard disks, video cards, memory sticks) Support for newer CPUs which were not yet available at the time you bought your motherboard / PC Improve the performance of hard disk memory SSD CPU Better Overclocking support (eg. more stable, more features) Improved support for new operating systems (Windows 7, Windows 8, Linux, ...) Improved support for battery savings (eg. on laptops)

TOWARDS LIFE CYCLE SUSTAINABILITY MANAGEMENT

Springer Science & Business Media This book is a selection of the most relevant contributions to the LCM 2011 conference in Berlin. The material explores scientific and practical solutions to incorporating

life cycle approaches into strategic and operational decision making. There are several sections addressing methodological topics such as LCSM approaches, methods and tools, while more application-oriented sections deal with the implementation of these approaches in relevant industrial sectors including agriculture and food, packaging, energy, electronics and ICT, and mobility.

PLASTICS ADDITIVES

AN A-Z REFERENCE

Springer Science & Business Media Although plastics are extremely successful commercially, they would never reach acceptable performance standards either in properties or processing without the incorporation of additives. With the inclusion of additives, plastics can be used in a variety of areas competing directly with other materials, but there are still many challenges to overcome. Some additives are severely restricted by legislation, others interfere with each other-in short their effectiveness varies with circumstances. *Plastics Additives* explains these issues in an alphabetical format making them easily accessible to readers, enabling them to find specific information on a specific topic. Each additive is the subject of one or more articles, providing a succinct account of each given topic. An international group of experts in additive and polymer science, from many world class companies and institutes, explain the recent rapid changes in additive technology. They cover novel additives (scorch inhibitors, compatibilizers, surface-modified particulates etc.), the established varieties (antioxidants, biocides, antistatic agents, nucleating agents, fillers, fibres, impact modifiers, plasticizers) and many others, the articles also consider environmental concerns, interactions between additives and legislative change. With a quick reference guide and introductory articles that provide the non-specialist and newcomer with relevant information, this reference book is essential reading for anyone concerned with plastics and additives.

ONCE A BITCOIN MINER

SCANDAL AND TURMOIL IN THE CRYPTOCURRENCY WILD WEST

ECW Press A map to the new frontier, and a rollicking ride across it Ethan Lou goes on an epic quest through the proverbial cryptocurrency Wild West, through riches, absurdity, wonder, and woe. From investing in Bitcoin in university to his time writing for Reuters, and then mining the digital asset — Lou meets a co-founder of Ethereum and Gerald Cotten of QuadrigaCX (before he was reported dead), and hangs out in North Korea with Virgil Griffith, the man later arrested for allegedly teaching blockchain to the totalitarian state. Coming of age in the 2008 financial crisis, Lou's generation has a natural affinity with this rebel internet money, this so-called millennial gold, created in the wake of that economic storm. At once an immersive narrative of adventure and fortune, *Once a Bitcoin Miner* is also a work of journalistic rigor. Lou examines this domain through the lens of the human condition, delving deep into the lives of the fast-talkers, the exiles, the ambitious, and the daring, forging their paths in a new world, harsh and unpredictable.

MEDICINAL PLANT BIOTECHNOLOGY

CABI Covering the latest advances in the use of plants to produce medicinal drugs and vaccines, examines topics including plant tissue culture, secondary metabolite production, metabolomics and metabolic engineering, bioinformatics, molecular farming and future biotechnological directions.

USING WINDOWS 98

Que Pub A step-by-step guide to using Windows 98 explains how to navigate the Active Desktop, configure hardware, customize Windows, and use the operating system with a network

COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE PROGRAMMING

UPGRADING AND REPAIRING LAPTOPS

Que Publishing Provides information on how to upgrade, maintain, and troubleshoot the hardware of laptop computers, discussing the differences among them as well as their various configuration options.

SQL SERVER HARDWARE

SQL Server Hardware will provide the fundamental knowledge and resources you need to make intelligent decisions about choice, and optimal installation and configuration, of SQL Server hardware, operating system and the SQL Server RDBMS.

AFFORDABLE HOUSING IN NEW YORK

THE PEOPLE, PLACES, AND POLICIES THAT TRANSFORMED A CITY

Princeton University Press A richly illustrated history of below-market housing in New York, from the 1920s to today A colorful portrait of the people, places, and policies that have helped make New York City livable, *Affordable Housing in New York* is a comprehensive, authoritative, and richly illustrated history of the city's public and middle-income housing from the 1920s to today. Plans, models, archival photos, and newly commissioned portraits of buildings and tenants by sociologist and photographer David Schalliol put the efforts of the past century into context, and the book also looks ahead to future prospects for below-market subsidized housing. A dynamic account of an evolving city, *Affordable Housing in New York* is essential reading for understanding and advancing debates about how to enable future generations to call New York home.

THE LIES OF THE LAND

A GUIDE TO OUR CORRUPT SOCIETY

In this book, we take a look at some common deviations of human behavior as well as some fears about global warming and over-population. We also consider how the human mind works and how it can be used to a person's advantage. Deceit and misrepresentation is not confined to our rulers but is also common in all endeavors - for example in the areas of Health, Education and the Legal system - where certain individuals try to achieve supremacy.

AUTOPHAGY

CRC Press Starting in the early 1970s, a type of programmed cell death called apoptosis began to receive attention. Over the next three decades, research in this area continued at an accelerated rate. In the early 1990s, a second type of programmed cell death, autophagy, came into focus. Autophagy has been studied in mammalian cells for many years. The recent

FOOD ADDITIVES DATA BOOK

John Wiley & Sons The use of additives in food is a dynamic one, as consumers demand fewer additives in foods and as governments review the list of additives approved and their permitted levels. Scientists also refine the knowledge of the risk assessment process as well as improve analytical methods and the use of alternative additives, processes or ingredients. Since the first edition of the *Food Additives Databook* was published, there have been numerous changes due to these developments and some additives are no longer permitted, some have new permitted levels of use and new additives have been assessed and approved. The revised second edition of this major reference work covers all the "must-have" technical data on food additives. Compiled by food industry experts with a proven track record of producing high quality reference work, this volume is the definitive resource for technologists in small, medium and large companies, and for workers in research, government and academic institutions. Coverage is of Preservatives, Enzymes, Gases, Nutritive additives, Emulsifiers, Flour additives, Acidulants, Sequestrants, Antioxidants, Flavour enhancers, Colour, Sweeteners, Polysaccharides, Solvents. Entries include information on: Function and Applications, Safety issues, International legal issues, Alternatives, Synonyms, Molecular Formula and mass, Alternative forms, Appearance, Boiling, melting, and flash points, density, purity, water content, solubility, Synergists, Antagonists, and more with full and easy-to-follow-up references. Reviews of the first edition: "Additives have their advantages for the food industry in order to provide safe and convenient food products. It is therefore essential that as much information as possible is available to allow an informed decision on the selection of an additive for a particular purpose. This data book provides such information - consisting of over 1000 pages and covering around 350 additives. This data book does provide a vast amount of information; it is what it claims to be! Overall, this is a very useful publication and a good reference book for anyone working in the food and dairy industry." —*International Journal of Dairy Technology*, Volume 59 Issue 2, May 2006 "This book is the best I have ever seen ... a clear winner over all other food additive books a superb edition." —*SAAFOST* (South African Association for Food Science and Technology)

SERVICE CONTRACT ACT OF 1965, AS AMENDED

DEGUNKING WINDOWS 7

McGraw Hill Professional Restore your Windows 7 PC to peak performance! *Degunking Windows 7* is the fast, affordable way to keep your computer running quickly and efficiently. Over time, Windows PCs can slow down due to unnecessary programs, files, errors, and other "gunk." This book's proven *Degunking 12-Step Program* shows you how to organize your hard disk, load and run only the programs and processes you need, and restore the speed, responsiveness, and reliability your PC had when it was brand new. This do-it-yourself guide puts the practical information the expert PC technicians know directly into your hands, saving you lots of time and money! *Degunking Windows 7* shows you how to: Remove unwanted data and programs Organize your file system Unclutter your desktop, start menu, and taskbar Optimize your hard drive Tune up and secure Internet Explorer Organize your email Secure your computer Clean up and secure your network Fix problems with media Optimize syncing Resolve lingering software and hardware issues Back up precious files

TAKING AVIATION TO NEW HEIGHTS

A BIOGRAPHY OF PIERRE JEANNIOT

University of Ottawa Press A fascinating biography of Pierre Jeannot, the man who was at the helm of Air Canada, IATA, and the aviation industry. *Taking Aviation to New Heights* is a compelling case study

of how a business man was born and went on to achieve financial success, social status, and political sway.