Dell Optiplex 390 Technical Guidebook

WINNER: Les Plumes des Achats 2018 - Committee Special Prize A Circular Economy Handbook for Business and Supply Chains is an easily digestible and comprehensive handbook that provides a clear guide to the circular economy, helping the reader create future-fit, sustainable strategies. Real examples across a range of market sectors help businesses, students and policymakers understand the theory and fast-developing practice of the circular economy. To help the reader generate ideas, A Circular Economy Handbook for Business and Supply Chains provides a holistic framework for the design and supply chain and supporting business models, and includes tools the reader can use to get started. Whilst growing global consumption presents fantastic business opportunities, our current linear systems (take some materials, make a product, use it and then throw it away) are not fit for purpose. The circular economy unlocks this problem by decoupling resources from consumption. Engaged businesses are re-thinking product design, material choices, business models and supply chains. A Circular Economy Handbook for Business and Supply Chains is a must-read for anyone who wants to apply the circular economy today. Online resources now available: PowerPoint slides of figures and tables from every chapter created by the author.

The book includes research papers on current developments in the field of soft computing and signal processing, selected from papers presented at the International Conference on Soft Computing and Signal Processing (ICSCSP 2018). It features papers on current topics, such as soft sets, rough sets, fuzzy logic, neural networks, genetic algorithms and machine learning. It also discusses various aspects of these topics, like technologies, product implementation, and application issues.

A sizzling debut novel starring a sexy TV chef who steams up more than just entrees... She wasn't his kind of dish-until someone turned up the heat... Celebrity chef and infamous ladies' man Bryce Ryder can't believe the thoughts he's having about his old friend Jenna McCabe. She's always been the shy girlnext- door, but when some bad publicity threatens everything he's built, Jenna gets down to business- and shows a side of herself that is take-charge and totally irresistible. Soon things are heating up in and out of the kitchen-and all of Jenna's secret fantasies about Bryce start coming true. But will she be the one to tame his heart, or is the sexy chef just indulging another one of his cravings?

This book will take readers from the discovery of vulnerabilities and the creation of the corresponding exploits, through a complete security assessment, all the way through deploying patches against these vulnerabilities to protect their networks. This is unique in that it details both the management and technical skill and tools required to develop an effective vulnerability management system. Business case studies and real world vulnerabilities are used through the book. It starts by introducing the reader to the concepts of a vulnerability management system. Readers will be provided detailed timelines of exploit development, vendors' time to patch, and corporate path installations. Next, the differences between security assessment s and penetration tests will be clearly explained along with best practices for conducting both. Next, several case studies from different industries will illustrate the effectiveness of varying vulnerability assessment methodologies. The next several chapters will define the steps of a vulnerability assessment including: defining objectives, identifying and classifying assets, defining rules of engagement, scanning hosts, and identifying operating systems and applications. The next several chapters provide detailed instructions and examples for differentiating vulnerabilities from configuration problems, validating vulnerabilities through penetration testing. The last section of the book provides best practices for vulnerability management and remediation. * Unique coverage detailing both the management and technical skill and tools required to develop an effective vulnerability management system * Vulnerability management is rated the #2 most pressing concern for security professionals in a poll conducted by Information Security Magazine * Covers in the detail the vulnerability management lifecycle from discovery through patch.

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.

The fun and easy way to repair anything and everything around the house For anyone who's ever been frustrated by repair shop rip-offs, this guide shows how to troubleshoot and fix a wide range of household appliances-lamps, vacuum cleaners, washers, dryers, dishwashers, garbage disposals, blenders, radios, televisions, and even computers. Packed with step-by-step illustrations and easy-to-follow instructions, it's a must-have money-saver for the half of all homeowners who undertake do-it-yourself projects.

A medical thriller that asks: What if we had the cure for a catastrophic illness—but it lay hidden inside the blood and bones of just one man? A mysterious new contagion is decimating the population. It starts in the lungs, like the flu, then moves to the bones, where it weakens and breaks them, eventually killing the host. The disease's origin, methods of propagation, and means of contraction are all unknown. There is no vaccine, and none is expected, as the virus is protean and elusive. If it remains unchecked and mutates into a more virulent form, it will become an extinction level event. Jason Kramer has the disease, known by its nickname "Trips Lite"—the CDC doctor who discovered it was a fan of The Stand—but his body produces a unique antibody that kills the viruses inside him. This component in Jason's blood can be harvested and given to anyone who

needs it. His blood can heal. But pharmaceutical magnate Phillip Porter needs to keep people believing that only his expensive drug cocktail will slow Trips Lite down, and so if there's any chance someone with the disease will live, Phillip Porter must make sure that Jason Kramer does not . . . "If Stephen King and Michael Crichton had written Double Indemnity, it would have been The Cure." —D.J. Butler

••PCI EXPRESS is considered to be the most general purpose bus so it should appeal to a wide audience in this arena.•Today's buses are becoming more specialized to meet the needs of the particular system applications, building the need for this book.•Mindshare and their only competitor in this space, Solari, team up in this new book.

This book contains a selection of articles from The 2014 World Conference on Information Systems and Technologies (WorldCIST'14), held between the 15th and 18th of April in Funchal, Madeira, Portugal, a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, technological development and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Intelligent and Decision Support Systems; Software Systems, Architectures, Applications and Tools; Computer Networks, Mobility and Pervasive Systems; Radar Technologies; Human-Computer Interaction; Health Informatics and Information Technologies in Education.

Development of Mathematical Cognition: Neural Substrates and Genetic Influences reviews advances in extant imaging modalities and the application of brain stimulation techniques for improving mathematical learning. It goes on to explore the role genetics and environmental influences have in the development of math abilities and disabilities. Focusing on the neural substrates and genetic factors associated with both the typical and atypical development of mathematical thinking and learning, this second volume in the Mathematical Cognition and Learning series integrates the latest in innovative measures and methodological advances from the top researchers in the field. Provides details about new progress made in the study of neural correlates of numerical and arithmetic cognition Addresses recent work in quantitative and molecular genetics Works to improve instruction in numerical, arithmetical, and algebraic thinking and learning Informs policy to help increase the level of mathematical proficiency among the general public

This three volume set LNCS 6352, LNCS 6353, and LNCS 6354 constitutes the refereed proceedings of the 20th International Conference on Artificial Neural Networks, ICANN 2010, held in Thessaloniki, Greece, in September 20010. The 102 revised full papers, 68 short papers and 29 posters presented were carefully reviewed and selected from 241 submissions. The third volume is divided in topical sections on classification – pattern recognition, learning algorithms and systems, computational intelligence, IEM3 workshop, CVA workshop, and SOINN workshop.

An instant bestseller when first published in 1929—biographies of twelve bold individuals from history and what they did to separate themselves from the pack. In his trademark journalist style, author William Bolitho details the lives of twelve great adventurers—Alexander the Great, Casanova, Christopher Columbus, Mahomet, Lola Montez, Cagliostro (and Seraphina), Charles XII of Sweden, Napoleon I, Lucius Sergius Catiline, Napoleon III, Isadora Duncan, and Woodrow Wilson. Bolitho elucidates both the struggles and successes that made these figures so iconic, and demonstrates how they all battled convention and conformity to achieve enduring fame and notoriety. "We are born adventurers," Bolitho writes, "and the love of adventures never leaves us till we are very old; old, timid men, in whose interest it is that adventure should quite die out. This is why all the poets are on one side, and all the laws on the other; for laws are made by, and usually for, old men." Though his essays are nearly one hundred years old, they encompass the timeless values of perseverance, bravery, and strength of spirit that have proven to resonate with the pioneers and thought leaders of today. "It's really quite good." —Elon Musk "Twelve Against the Gods provides an interesting perspective on what drove and impeded this group of adventurers . . . A good read for anyone who's interested in history or looking to find some motivation to switch things up and break the rules." —Áine Cain, Business Insider "I think Twelve Against the Gods is also very appropriate for this day and age. We need adventurers, and there still are a lot of adventurers." —China Ryall, daughter of William Bolitho

The book covers a variety of topics which include data mining and data warehousing, high performance computing, parallel and distributed computing, computational intelligence, soft computing, big data, cloud computing, grid computing, cognitive computing, image processing, computer networks, wireless networks, social networks, wireless sensor networks, information and network security, web security, internet of things, bioinformatics and geoinformatics. The book is a collection of best papers submitted in the First International Conference on Computational Intelligence and Informatics (ICCII 2016) held during 28-30 May 2016 at JNTUH CEH, Hyderabad, India. It was hosted by Department of Computer Science and Engineering, JNTUH College of Engineering in association with Division V (Education & Research) CSI, India.

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 stabillity of your PCImproved recognization 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 ofhard diskmemorySSDCPUBetter 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)

Updated with the latest advances from the field, GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS, Fifth Edition combines all-encompassing topic coverage and authoritative information from seasoned experts to deliver the most comprehensive forensics resource available. This proven author team's wide ranging areas of expertise mirror the breadth of coverage provided in the book, which focuses on techniques and practices for gathering and analyzing evidence used to solve crimes involving computers. Providing clear instruction on the tools and techniques of the trade, it introduces readers to every step of the computer forensics investigation-from lab set-up to testifying in court. It also details step-by-step guidance on how to use

current forensics software. Appropriate for learners new to the field, it is also an excellent refresher and technology update for professionals in law enforcement, investigations, or computer security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

This book is a compendium of the proceedings of the International Conference on Big-Data and Cloud Computing. The papers discuss the recent advances in the areas of big data analytics, data analytics in cloud, smart cities and grid, etc. This volume primarily focuses on the application of knowledge which promotes ideas for solving problems of the society through cutting-edge big-data technologies. The essays featured in this proceeding provide novel ideas that contribute for the growth of world class research and development. It will be useful to researchers in the area of advanced engineering sciences.

Movement Disorders: A Video Atlas is a practical and concise title offering an introduction to the field of movement disorders, which is expanding rapidly with the involvement of various disciplines and specialties. The unique feature of the book is the accompanying video content, comprising common cases in each category of movement disorders. The video clips come from Dr. Tarsy's personal video collection at Beth Israel Deaconess Medical Center and Dr. Bhidayasiri's personal collection at Chulalongkorn University and UCLA. The videos can be found at www.springerimages.com/Tarsy. Each case includes expert narration from Dr. Tarsy. Rather than focusing on rare cases, the authors emphasize typical cases, with good history and physical signs. Unique, easy to read, with highly instructive supporting video content, Movement Disorders: A Video Atlas is an indispensable reference for all clinicians interested in the fascinating field of movement disorders

Behavioral neuroscience encompasses the disciplines of neurobiology and psychology to study mechanisms of behavior. This volume provides a contemporary overview of the current state of how ethics informs behavioral neuroscience research. There is dual emphasis on ethical challenges in experimental animal approaches and in clinical and nonclinical research involving human participants.

Upgrading and Repairing PCs: Field Guide is a portable, "essentials" version of Upgrading and Repairing PCs, 13th Edition - the bestselling PC hardware book of all-time. Weighing less than half a pound, this tiny book packs a hefty punch - containing the essential information you need to upgrade and repair PCs, whether you're a hardcore pro or a weekend warrior. All of this information fits nicely in your toolkit, briefcase or backpack and be there to rescue you when you're out of your office and away from your trusty copy of Upgrading and Repairing PCs. Use the connector quick reference section to identify most any connector or port you run across while servicing PCs out in the wild! Who says detailed coverage must come in a big package? This diminutive book makes up for its tiny size by providing you with a level of detail that exceeds that found in some bigger (in size and name) competitor books. Hundreds of detailed tables boil down complicated settings, standards and specifications into an easy to read - and easy to find - format. All of this detailed information easily fits in your toolkit, briefcase or book bag-right where you need it!

This book constitutes the refereed proceedings of the 11th International Conference on Service-Oriented Computing, ICSOC 2012, held in Berlin, Germany, in December 2013. The 29 full papers and 27 short papers presented were carefully reviewed and selected from 205 submissions. The papers are organized in topical sections on service engineering, service operations and management; services in the cloud; and service applications and implementations.

Sorcery, defined here as the art of conjuring spirits, is one of the traditional, core disciplines of magickal practice. The author cuts through the Gordian knot of complexity and obfuscation to present a much more direct approach to evoking Goetic and Enochian spirits.

This book constitutes the thoroughly refereed post-conference proceedings of the Second International Conference on High Performance Computing and Applications, HPCA 2009, held in Shangahi, China, in August 2009. The 71 revised papers presented together with 10 invited presentations were carefully selected from 324 submissions. The papers cover topics such as numerical algorithms and solutions; high performance and grid computing; novel approaches to high performance computing; massive data storage and processsing; and hardware acceleration.

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.

Consumer behaviour is more than buying things; it also embraces the study of how having (or not having) things affects our lives and how possessions influence the way we feel about ourselves and each other - our state of being. The 3rd edition of Consumer Behaviour is presented in a contemporary framework based around the buying, having and being model and in an Australasian context. Students will be engaged and excited by the most current research, real-world examples, global coverage, managerial applications and ethical examples to cover all facets of consumer behaviour. With new coverage of Personality and incorporating real consumer data, Consumer Behaviour is fresh, relevant and up-to-date. It provides students with the best possible introduction to this fascinating discipline.

Selecting an internship site in recreation and leisure services is one of the most important academic decisions of your college years. A good internship brings academic coursework to life and provides work experience and professional contacts that help to ensure a successful professional career. Your internship is the foundation for your future, and like any strong foundation, its construction requires time, effort, and the proper tools. In Internships in Recreation and Leisure Services: A Practical Guide for Students, Sixth Edition, you will go through a systematic internship selection process that will help you utilize your life experiences and available resources to maximum advantage. The ultimate goal is to help you to identify and secure an internship that not only meets your academic objectives but also enhances your professional career in recreation and leisure services. The purpose of this text is to give you the proper tools for getting the best possible internshipthe time and effort, however, are up to you.

From the author of the celebrated classic Louder Than Hell comes an oral history of the badass Heavy Metal lifestyle—the debauchery, demolition, and headbanging dedication—featuring metalhead musicians from Black Sabbath and Judas Priest to Twisted Sister and Quiet Riot to Disturbed, Megadeth, Throwdown and more. In his song "You Can't Kill Rock and Roll" Ozzy Osbourne sings, "Rock and roll is my

religion and my law." This is the mantra of the metal legends who populate Raising Hell—artists from Black Sabbath, Judas Priest, Slipknot, Slayer, and Lamb of God to Twisted Sister, Quiet Riot, Disturbed, Megadeth, and many more! It's also the guiding principle for underground voices like Misery Index, Gorgoroth, Municipal Waste, and Throwdown. Through the decades, the metal scene has been populated by colorful individuals who have thwarted convention and lived by their own rules. For many, vice has been virtue, and the opportunity to record albums and tour has been an invitation to push boundaries and blow the lid off a Pandora's box of riotous experiences: thievery, vandalism, hedonism, the occult, stage mishaps, mosh pit atrocities, and general insanity. To the figures in this book, metal is a means of banding together to stick a big middle finger to a society that had already decided they didn't belong. Whether they were oddballs who didn't fit in or angry kids from troubled backgrounds, metal gave them a sense of identity. Drawing from 150-plus first-hand interviews with vocalists, guitarists, bassists, keyboardists, and drummers, music journalist Jon Wiederhorn offers this collection of wild shenanigans from metal's heaviest and most iconic acts—the parties, the tours, the mosh pits, the rage, the joy, the sex, the drugs . . . the heavy metal life! Horns up!

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.

In December 2010, Julian Assange signed a contract with Canongate Books to write a book – part memoir, part manifesto – for publication the following year. At the time, Julian said: 'I hope this book will become one of the unifying documents of our generation. In this highly personal work, I explain our global struggle to force a new relationship between the people and their governments.' In the end, the work was to prove too personal. Despite sitting for more than fifty hours of taped interviews and spending many late nights at Ellingham Hall (where he was living under house arrest) discussing his life and the work of WikiLeaks with the writer he had enlisted to help him, Julian became increasingly troubled by the thought of publishing an autobiography. After reading the first draft of the book at the end of March, Julian declared: 'All memoir is prostitution.' In June 2011, with thirty-eight publishing houses around the world committed to releasing the book, Julian told us he wanted to cancel his contract. We disagree with Julian's assessment of the book. We believe it explains both the man and his work, underlining his commitment to the truth. Julian always claimed the book was well written; we agree, and this also encouraged us to make the book available to readers. And the contract? By the time Julian wanted to cancel the deal he had already used the advance money to settle his legal bills. So the contract still stands. We have decided to honour it – and to publish. This book is the unauthorised first draft. It is passionate, provocative and opinionated – like its author. It fulfils the promise of the original proposal and we are proud to publish it. Canongate Books, September 2011

Service-Oriented Computing11th International Conference, ICSOC 2013, Berlin, Germany, December 2-5, 2013. ProceedingsSpringer

This book constitutes the proceedings of the 16th International Conference on Practical Applications of Agents and Multi-Agent Systems, PAAMS 2018, held in Toledo, Spain, in June 2018. The 20 regular and 19 demo papers presented in this volume were carefully reviewed and selected from 57 submissions. They deal with the application and validation of agent-based models, methods, and technologies in a number of key applications areas, such as: energy and security; engineering and tools; evaluation and ethics; negotiation and organisations; personalization and learning; simulation applications; simulation platforms; social networks and humans. The book also contains two invited talks in full paper length.

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.

The field of cognitive modeling has progressed beyond modeling cognition in the context of simple laboratory tasks and begun to attack the problem of modeling it in more complex, realistic environments, such as those studied by researchers in the field of human factors. The problems that the cognitive modeling community is tackling focus on modeling certain problems of communication and control that arise when integrating with the external environment factors such as implicit and explicit knowledge, emotion, cognition, and the cognitive system. These problems must be solved in order to produce integrated cognitive models of moderately complex tasks. Architectures of cognition in these tasks focus on the control of a central system, which includes control of the central processor itself, initiation of functional processes, such as visual search and memory retrieval, and harvesting the results of these functional processes. Because the control of the central system is conceptually different from the internal control required by individual functional processes, a complete architecture of cognition must incorporate two types of theories of control: Type 1 theories of the structure, functionality, and operation of the controller, and type 2 theories of the internal control of functional processes, including how and what they communicate to the controller. This book presents the current state of the art for both types of theories, as well as contrasts among current approaches to human-performance models. It will be an important resource for professional and student researchers in cognitive science, cognitive-engineering, and human-factors. Contributors: Kevin A. Gluck, Jerry T. Ball, Michael A. Krusmark, Richard W. Pew, Chris R. Sims, Vladislav D. Veksler, John R. Anderson, Ron Sun, Nicholas L. Cassimatis, Randy J. Brou, Andrew D. Egerton, Stephanie M. Doane, Christopher W. Myers, Hansjörg Neth, Jeremy M Wolfe, Marc Pomplun, Ronald A. Rensink, Hansjörg Neth, Chris R. Sims, Peter M. Todd, Lael J. Schooler, Wai-Tat Fu, Michael C. Mozer, Sachiko Kinoshita, Michael Shettel, Alex Kirlik, Vladislav D. Veksler, Michael J. Schoelles, Jerome R. Busemeyer, Eric Dimperio, Ryan K. Jessup, Jonathan Gratch, Stacy Marsella, Glenn Gunzelmann, Kevin A. Gluck, Scott Price, Hans P. A. Van Dongen, David F. Dinges, Frank E. Ritter, Andrew L. Reifers, Laura Cousino Klein, Michael J. Schoelles, Eva Hudlicka, Hansjörg Neth, Christopher W. Myers, Dana Ballard, Nathan Sprague, Laurence T. Maloney, Julia Trommershäuser, Michael S. Landy, A. Hornof, Michael J. Schoelles, David Kieras, Dario D. Salvucci, Niels Taatgen, Erik M. Altmann, Richard A. Carlson, Andrew Howes, Richard L. Lewis, Alonso Vera, Richard P. Cooper, and Michael D. Byrne