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First book to address and assess performance of enterprise Java-based applications using the new Java EE 5 Presents Java EE 5 Performance Management as a proven methodology, featuring a set of common problems that have been observed in real-world customer environments Presents "wait-based" performance tuning methodology, the most efficient Java EE 5 tuning methodology, but one previously neglected in the Java EE 5 space

This proceedings volume contains 29 papers covering many of the latest developments in the fast-growing field of bioinformatics. The contributions span a wide range of topics, including computational genomics and genetics, protein function and computational proteomics, the transcriptome, structural bioinformatics, microarray data analysis, motif identification, biological pathways and systems, and biomedical applications. The papers not only cover theoretical aspects of bioinformatics but also delve into the application of new methods, with input from computation, engineering and biology disciplines. This multidisciplinary approach to bioinformatics gives these proceedings a unique viewpoint of the field. Contents: Voting Algorithms for the Motif Finding Problem (X-W Liu et al.)MSDash: Mass Spectrometry Database and Search (Z Wu et al.)GaborLocal: Peak Detection in Mass Spectrum by Gabor Filters and Gaussian Local Maxima (N Nguyen et al.)Designing Secondary Structure Profiles for Fast ncRNA Identification (Y Sun & J Buhler)Iterative Non-sequential Protein Structural Alignment (S Salem & M J Zaki)Consistent Alignment of Metabolic Pathways Without

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Abstraction (F Ay et al.) On the Accurate Construction of Consensus Genetic Maps (Y-H Wu et al.) Graph Wavelet Alignment Kernels for Drug Virtual Screening (A Smalter et al.) and other papers  
Readership: Graduate students, postdoctoral fellows, researchers, and practitioners in the field of bioinformatics and systems biology; biotech and pharmaceutical companies; computational scientists and engineers interested in biology.

Keywords: Bioinformatics; Computational Systems Biology; Computational Techniques; Systems Biology Problems  
Key Features: The CSB meetings accept only the highest-quality research papers, with a paper-acceptance rate of below 20%. The CSB meetings represent a unique bioinformatics conference in which papers blend bioinformatic tool development with in silico biology. CSB meetings have become one of the most well-attended bioinformatics conferences. CSB proceedings are indexed by Medline.

"Parallel processing offers a solution to the problem of providing the processing power necessary to help understand and master the complexity of natural phenomena and engineering structures. By taking several basic processing devices and connecting them together the potential exists of achieving a performance many times that of an individual device. However, building parallel application programs is today recognized as a highly complex activity requiring specialist skills and in-depth knowledge. PARLE is an international, European based conference which focuses on the parallel processing subdomain of informatics and information technology. It is intended to become THE European forum for interchange between experts in the parallel processing domain and to attract both industrial and academic participants with a technical programme designed to provide a balance between theory and practice. This volume contains the proceedings of PARLE '93. The PARLE

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conference came into existence in 1987 as an initiative from the ESPRIT I programme and the format was revised in 1991/92. PARLE '93 is the second conference with the new format and was held in Munich."--PUBLISHER'S WEBSITE.

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 authoritative, leading-edge resource gives you a comprehensive overview of sample rate conversion (SRC) and its applications in software configurable radios. The book helps you understand the limits of feasible systems for sample rate conversion, as well as the limits of interpolation. You get sound advice on selecting the appropriate types of SRC for specific applications, and assistance in handling the trade-off between hardware complexity and the clock rate of a system. From an introduction to software radio and a refresher on the fundamentals of sampling and sample rate conversion, to discussions on block signal processing and well-known and novel structures for sample rate conversion, the book offers you practical guidance that enables you to quickly find solutions for your challenging projects in the field. This first-of-its-kind reference concludes with a list of questions that - when answered - helps to design a system for sample rate conversion. Over 890 equations and 90 illustrations support key topics throughout the book.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

This book outlines a set of issues that are critical to all of parallel architecture--communication

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latency, communication bandwidth, and coordination of cooperative work (across modern designs). It describes the set of techniques available in hardware and in software to address each issues and explore how the various techniques interact.

In the development of many medical technologies the beginning is characterised by an emphasis on the basic scientific principles of the technology and the optimisation of the functional aspects of the technology. As a technology matures there is a tendency for the underlying principles to be forgotten as the clinical applications begin to develop and the focus moves to an understanding of the clinical application. This maturity brings with it new challenges for those involved in the use of the technology. An acceptance of the methodology may lead to a scaling back of the basic training of staff into the fundamentals of the techniques and lead to a lack of questioning as to those issues which lead to the optimisation in clinical applications. This lack of basic training may ultimately lead to a stifling of research and development of the technology as a whole as trained staff becomes a scarce commodity. Nuclear medicine is no exception to this development cycle. As a medical specialty the discipline has matured. The basic imaging technology has become more reliable in everyday use requiring less input from scientific staff. Clinical procedures have become protocols which are often followed without due understanding of the basic principles underlying the imaging procedure. This is clearly demonstrated when new radiopharmaceuticals are introduced into the market place.

Over the past 12 years, ISSC has been a major forum for engineers and young researchers in Ireland on communications, control and DSP. The conference has

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established itself as one of the premier conferences in Ireland, addressing all aspects of signals and systems including design, implementation, algorithms, modelling and performance. This conference continued this tradition under the auspices of the IEE and for the first time the ISSC conference proceedings are published by the IEE and indexed by INSPEC.

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.

De lange weg naar de vrijheid is de beroemde autobiografie van een van de grootste mannen van de twintigste eeuw. Nelson Mandela beschrijft de lange weg die hij heeft moeten afleggen van onwetende jongen tot charismatisch staatsman. Dit is het verhaal van misschien wel de wonderbaarlijkste omwenteling in de geschiedenis, verteld door de man die het allemaal heeft meegemaakt en in gang gezet. Het verhaal van Mandela, door Mandela.

Surveys Components, Capabilities, Peripherals, Software, & Programming Techniques

The editors of Factor X explore and analyze this trajectory, predicting scarcities of non-renewable materials such as metals, limited availability of ecological capacities and

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shortages arising from geographic concentrations of materials. They argue that what is needed is a radical change in the ways we use nature's resources to produce goods and services and generate well-being. The goal of saving our ecosystem demands a prompt and decisive reduction of man-induced material flows. Before 2050, they assert, we must achieve a significant decrease in consumption of resources, in the line with the idea of a factor 10 reduction target. EU-wide and country specific targets must be set, and enforced using strict, accurate measurement of consumption of materials. Their arguments are drawn from empirical evidence and observations, as well as theoretical considerations based on economic modeling and on natural science.

A technical history of television covers significant developments from 1942 to 2000, including television during World War II, the change from helical to high band technology, and the rise of electronic journalism.

This collection of papers from the 1997 BSS workshop highlights switching systems for the Broadband Internet and for QoS on Demand. It covers topics such as: ATM and IP; ATM switch architecture; ATM switch performance; photonic switch-related topic; wireless ATM; and flow control and scheduling.

De lange weg naar de vrijheidde autobiografieAtlas Contact

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