Read PDF Networks Interconnection Of Practices And Principles

Thank you enormously much for downloading **Networks Interconnection Of Practices And Principles**.Most likely you have knowledge that, people have see numerous time for their favorite books in the same way as this Networks Interconnection Of Practices And Principles, but stop going on in harmful downloads.

Rather than enjoying a fine PDF with a cup of coffee in the afternoon, on the other hand they juggled bearing in mind some harmful virus inside their computer. **Networks Interconnection Of Practices And Principles** is to hand in our digital library an online access to it is set as public for that reason you can download it instantly. Our digital library saves in combination countries, allowing you to get the most less latency times to download any of our books past this one. Merely said, the Networks Interconnection Of Practices And Principles is universally compatible afterward any devices to read.

KEY=AND - LAWRENCE HARTMAN

PRINCIPLES AND PRACTICES OF INTERCONNECTION NETWORKS

Elsevier One of the greatest challenges faced by designers of digital systems is optimizing the communication and interconnection between system components. Interconnection networks offer an attractive and economical solution to this communication crisis and are fast becoming pervasive in digital systems. Current trends suggest that this communication bottleneck will be even more problematic when designing future generations of machines. Consequently, the anatomy of an interconnection network router and science of interconnection network design will only grow in importance in the coming years. This book offers a detailed and comprehensive presentation of the basic principles of interconnection network design, clearly illustrating them with numerous examples, chapter exercises, and case studies. It incorporates hardware-level descriptions of concepts, allowing a designer to see all the steps of the process from abstract design to concrete implementation. Case studies throughout the book draw on extensive author experience in designing interconnection networks over a period of more than twenty years, providing real world examples of what works, and what doesn't. Tightly couples concepts with implementation costs to facilitate a deeper understanding of the tradeoffs in the design of a practical network. A set of examples and exercises in every chapter help the reader to fully understand all the implications of every design decision.

INTERCONNECTION NETWORK RELIABILITY EVALUATION

MULTISTAGE LAYOUTS

John Wiley & Sons Keeping in view the growth of the technological frontiers, there is always a need for the development of reliable, fault tolerant and cost- effective interconnection networks (INs) which are the critical metrics to achieve the goal of parallelism. The main objective of this book is to design new fault tolerant interconnection network layouts capable of path redundancy among dynamic failures. New INs designs are proposed and their observed results are found promising when compared with some of the earlier networks. The book also covers the reliability evaluation of various industrial network topologies considering multiple reliability performance parameters (2-TR, broadcast and ATR). Finally, the book also focuses on reliability evaluation and comparison of various topologies considering connectivity among multiple sources and multiple destinations (MSMT) nodes.

FORMAL METHODS FOR INDUSTRIAL CRITICAL SYSTEMS

15TH INTERNATIONAL WORKSHOP, FMICS 2010, ANTWERP, BELGIUM, SEPTEMBER 20-21, 2010. PROCEEDINGS

Springer This book constitutes the proceedings of the 15th International Workshop on Formal Methods for Industrial Critical Systems, FMICS 2010 held in Antwerp, Belgium, in September 2010 - co-located with ASE 2010, the 25th IEEE/ACM International Conference on Automated Software Engineering, The 14 papers presented were carefully reviewed and selected from 33 submissions. The aim of the FMICS workshop series is to provide a forum for researchers who are interested in the development and application of formal methods in industry. It also strives to promote research and development for the improvement of formal methods and tools for industrial applications.

A MODEL FOR CALCULATING INTERCONNECTION COSTS IN TELECOMMUNICATIONS

World Bank Publications The proposed cost model takes into account most features characterizing the development stage of telecommunications networks in Sub-Saharan Africa (small size of fixed network, importance of rural telephony, excessive reliance on microwave technology, explosive demand for mobile service, and weak regulatory capacity)."--BOOK JACKET.

INTERCONNECTING THE NETWORK OF NETWORKS

MIT Press This book describes the transformation of telecommunications from national network monopolies to a new system, the "network of networks," and the glue that holds it together, interconnection. By their very nature, monopoly-owned networks provided a small number of standardized, nationwide services. Over the past two decades, however, new forces in the world economy began to unravel this traditional system. The driving force behind the change was the shift toward an information-based economy. Especially for large organizations, the price, control, security, and reliability of telecommunications became variables requiring organized attention. Thus, monopoly began to give way to the "network of networks," the foundation of today's telecommunications and Internet infrastructure. Taking a broad, multidisciplinary perspective Eli Noam discusses the importance and history of interconnection policy, as well as recent policy reforms both within the United States and around the globe. Other important topics he discusses include interconnection prices, the unbundling of interconnection, and the technology of interconnection. He concludes with an examination of social and policy issues, including the free flow of content, universal service and privacy protection, and the future of telecommunications.

ARTIFICIAL NEURAL NETWORKS AND MACHINE LEARNING - ICANN 2011

21ST INTERNATIONAL CONFERENCE ON ARTIFICIAL NEURAL NETWORKS, ESPOO, FINLAND, JUNE 14-17, 2011, PROCEEDINGS, PART I

Springer This two volume set LNCS 6791 and LNCS 6792 constitutes the refereed proceedings of the 21th International Conference on Artificial Neural Networks, ICANN 2011, held in Espoo, Finland, in June 2011. The 106 revised full or poster papers presented were carefully reviewed and selected from numerous submissions. ICANN 2011 had two basic tracks: brain-inspired computing and machine learning research, with strong cross-disciplinary interactions and applications.

MICROARCHITECTURE OF NETWORK-ON-CHIP ROUTERS

A DESIGNER'S PERSPECTIVE

Springer This book provides a unified overview of network-on-chip router micro-architecture, the corresponding design opportunities and challenges, and existing solutions to overcome these challenges. The discussion focuses on the heart of a NoC, the NoC router, and how it interacts with the rest of the system. Coverage includes both basic and advanced design techniques that cover the entire router design space including router organization, flow control, pipelined operation, buffering architectures, as well as allocators' structure and algorithms. Router micro-architectural options are presented in a step-by-step manner beginning from the basic design principles. Even highly sophisticated design alternatives are categorized and broken down to simpler pieces that can be understood easily and analyzed. This book is an invaluable reference for system, architecture, circuit, and EDA researchers and developers, who are interested in understanding the overall picture of NoC routers' architecture, the associated design challenges, and the available solutions.

ROUTING ALGORITHMS IN NETWORKS-ON-CHIP

Springer Science & Business Media This book provides a single-source reference to routing algorithms for Networks-on-Chip (NoCs), as well as in-depth discussions of advanced solutions applied to current and next generation, many core NoC-based Systems-on-Chip (SoCs). After a basic introduction to the NoC design paradigm and architectures, routing algorithms for NoC architectures are presented and discussed at all abstraction levels, from the algorithmic level to actual implementation. Coverage emphasizes the role played by the routing algorithm and is organized around key problems affecting current and next generation, many-core SoCs. A selection of routing algorithms is included, specifically designed to address key issues faced by designers in the ultra-deep sub-micron (UDSM) era, including performance improvement, power, energy, and thermal issues, fault tolerance and reliability.

COMBINATORICS, ALGORITHMS, PROBABILISTIC AND EXPERIMENTAL METHODOLOGIES

FIRST INTERNATIONAL SYMPOSIUM, ESCAPE 2007, HANGZHOU, CHINA, APRIL 7-9, 2007, REVISED SELECTED PAPERS

Springer Science & Business Media The First International Symposium on Combinatorics, Algorithms, Probabilistic and Experimental Methodologies was held in Hangzhou, China, in April 2007. The symposium provided an interdisciplinary forum for researchers to share their discoveries and approaches; search for ideas, methodologies, and tool boxes; find better, faster, and more accurate solutions; and develop a research agenda of common interest. This volume constitutes the refereed post-proceedings of the symposium. Inside you'll find 46 full papers. They represent some of the most important thinking and advancements in the field. The papers address large data processing problems using different methodologies from major disciplines such as computer science, combinatorics, and statistics.

ENCYCLOPEDIA OF PARALLEL COMPUTING

Springer Science & Business Media Containing over 300 entries in an A-Z format, the Encyclopedia of Parallel Computing provides easy, intuitive access to relevant information for professionals and researchers seeking access to any aspect within the broad field of parallel computing. Topics for this comprehensive reference were selected, written, and peer-reviewed by an international pool of distinguished researchers in the field. The Encyclopedia is broad in scope, covering machine organization, programming languages, algorithms, and applications. Within each area, concepts, designs, and specific implementations are presented. The highly-structured essays in this work comprise synonyms, a definition and discussion of the topic, bibliographies, and links to related literature. Extensive cross-references to other entries within the Encyclopedia support efficient, user-friendly searchers for immediate access to useful information. Key concepts presented in the Encyclopedia of Parallel Computing include; laws and metrics; specific numerical and non-numerical algorithms; asynchronous algorithms; libraries of subroutines; benchmark suites; applications; sequential consistency and cache coherency; machine classes such as clusters, shared-memory multiprocessors, special-purpose machines and dataflow machines; specific machines such as Cray supercomputers, IBM's cell processor and Intel's multicore machines; race detection and auto parallelization; parallel programming languages, synchronization primitives, collective operations, message passing libraries, checkpointing, and operating systems. Topics covered: Speedup, Efficiency, Isoefficiency, Redundancy, Amdahls law, Computer Architecture Concepts, Parallel Machine Designs, Benmarks, Parallel Programming concepts & design, Algorithms, Parallel applications. This authoritative reference will be published in two formats: print and online. The online edition features hyperlinks to cross-references and to additional significant research. Related Subjects: supercomputing, high-performance computing, distributed computing

ERROR CONTROL FOR NETWORK-ON-CHIP LINKS

Springer Science & Business Media This book provides readers with a comprehensive review of the state of the art in error control for Network on Chip (NOC) links. Coverage includes detailed description of key issues in NOC error control faced by circuit and system designers, as well as practical error control techniques to minimize the impact of these errors on system performance.

TRANSACTIONS ON HIGH-PERFORMANCE EMBEDDED ARCHITECTURES AND COMPILERS IV

Springer Science & Business Media Transactions on HiPEAC aims at the timely dissemination of research contributions in computer architecture and compilation methods for high-performance embedded computer systems. Recognizing the convergence of embedded and general-purpose computer systems, this journal publishes original research on systems targeted at specific computing tasks as well as systems with broad application bases. The scope of the journal therefore covers all aspects of computer architecture, code generation and compiler optimization methods of interest to researchers and practitioners designing future embedded systems. This 4th issue contains 21 papers carefully reviewed and selected out of numerous submissions and is divided in four sections. The first section contains five regular papers. The second section consists of the top four papers from the 4th International Conference on High-Performance Embedded Architectures and Compilers, HiPEAC 2009, held in Paphos, Cyprus, in January 2009. The third section contains a set of six papers providing a snap-shot from the Workshop on Software and Hardware Challenges of Manycore Platforms, SHCMP 2008 held in Beijing, China, in June 2008. The fourth section consists of six papers from the 8th IEEE International Symposium on Systems, Architectures, Modeling and Simulation, SAMOS VIII (2008) held in Samos, Greece, in July 2008.

ON-CHIP COMMUNICATION ARCHITECTURES

SYSTEM ON CHIP INTERCONNECT

Morgan Kaufmann Over the past decade, system-on-chip (SoC) designs have evolved to address the ever increasing complexity of applications, fueled by the era of digital convergence. Improvements in process technology have effectively shrunk board-level components so they can be integrated on a single chip. New on-chip communication architectures have been designed to support all inter-component communication in a SoC design. These communication architecture fabrics have a critical impact on the power consumption, performance, cost and design cycle time of modern SoC designs. As application complexity strains the communication backbone of SoC designs, academic and industrial R&D efforts and dollars are increasingly focused on communication architecture design. On-Chip Communication Architecures is a comprehensive reference on concepts, research and trends in on-chip communication architecture design. It will provide readers with a comprehensive survey, not available elsewhere, of all current standards for on-chip communication architectures. A definitive guide to on-chip communication architectures, explaining key concepts, surveying research efforts and predicting future trends Detailed analysis of all popular standards for on-chip communication architectures Comprehensive survey of all research on communication architectures, covering a wide range of topics relevant to this area, spanning the past several years, and up to date with the most current research efforts Future trends that with have a significant impact on research and design of communication architectures over the next several years

EDUCATION AND EDUCATIONAL TECHNOLOGY

Springer Science & Business Media This volume includes extended and revised versions of a set of selected papers from the 2011 2nd International Conference on Education and Educational Technology (EET 2011) held in Chengdu, China, October 1-2, 2011. The mission of EET 2011 Volume 1 is to provide a forum for researchers, educators, engineers, and government officials involved in the general areas of education and educational technology to disseminate their latest research results and exchange views on the future research directions of these fields. 130 related topic papers were selected into this volume. All the papers were reviewed by 2 program committee members and selected by the volume editor Prof. Yuanzhi Wang, from Intelligent Information Technology Application Research Association, Hong Kong. The conference will bring together leading researchers, engineers and scientists in the domain of interest. We hope every participant can have a good opportunity to exchange their research ideas and results and to discuss the state of the art in the areas of the education and educational technology.

THE LIBERALISATION OF THE TELECOMMUNICATIONS SECTOR IN SUB-SAHARAN AFRICA AND FOSTERING COMPETITION IN TELECOMMUNICATIONS SERVICES MARKETS

AN ANALYSIS OF THE REGULATORY FRAMEWORK IN UGANDA

Springer This study investigates whether the existing regulatory framework governing the telecommunications sector in countries in Sub-Saharan Africa effectively deals with emerging competition-related concerns in the liberalised sector. Using Uganda as a case study, it analyses the relevant provisions of the law governing competition in the telecommunications sector, and presents three key findings: Firstly, while there is comprehensive legislation on interconnection and spectrum management, inefficient enforcement of the legislation has perpetuated concerns surrounding spectrum scarcity and interconnection. Secondly, the legislative framework governing anti-competitive behaviour, though in line with the established principles of competition law, is not sufficient. Specifically, the framework is not equipped to govern the conduct of multinational telecommunications groups that have a strong presence in the telecommunications sector. Major factors hampering efficient competition regulation include Uganda's sole reliance on sector-specific competition rules, restricted available remedies, and a regulator with limited experience of enforcing competition legislation. The weaknesses in the framework strongly suggest the need to adopt an economy-wide competition law. Lastly, wireless technology is the main means through which the population in Uganda accesses telecommunications services. Greater emphasis should be placed on regulating conduct in the wireless communications markets.

TELECOMMUNICATIONS LAW AND PRACTICE IN NIGERIA

PERSPECTIVES ON CONSUMER PROTECTION

Malthouse Press Telecommunications Law and Practice in Nigeria -Perspectives on Consumer Protection is intended primarily to provide an indigenous source of information on the

theoretical and legal framework of the regulation of telecommunications in Nigeria with respect to how such legal framework assists in addressing the consumers' problems in the field of telecommunications. The book covers the evolution of telecommunications the world over and its variant in Nigeria, a variety of issues including the early controlling organs, regulatory regimes, the deregulation era, interconnectivity and privacy law, telecommunications and intellectual property, international trade and drafting of international trade contracts, encryption technology and privacy in telecommunications. The book should be an invaluable companion on the Nigerian telecommunications law and practice with perspectives on consumer protection.

ARTIFICIAL INTELLIGENCE DRIVEN CIRCUITS AND SYSTEMS

SELECT PROCEEDINGS OF ISED 2021

Springer Nature This book highlights selected papers presented at the 10th International Symposium on Embedded Computing and System Design (ISED) 2021. This symposium provides a platform for researchers to share the latest scientific achievements of embedded computing and system design. The book is divided into three broad sections. The first section discusses topics like VLSI and testing, circuits and systems with a focus on emerging technologies. The second section discusses topics like embedded hardware and software systems and novel applications. The final section discusses the state-of-the-art technologies involving IoT, artificial intelligence, green and edge computing that demonstrates the issues currently.

SERVICES IN THE INTERNATIONAL ECONOMY

University of Michigan Press Examines the growing role of services in the world economy

ADOPTION AND OPTIMIZATION OF EMBEDDED AND REAL-TIME COMMUNICATION SYSTEMS

IGI Global Adoption and Optimization of Embedded and Real-Time Communication Systems presents innovative research on the integration of embedded systems, real-time systems and the developments towards multimedia technology. This book is essential for researchers, practitioners, scientists, and IT professionals interested in expanding their knowledge of this interdisciplinary field.

THE IMPACT OF PROCESSING TECHNIQUES ON COMMUNICATIONS

Springer Science & Business Media This volume contains the full proceedings of the Fourth Advanced Study Institute organised by myself and my colleagues in . * the field of Communication Theory and Allied Subjects. In the first Institute we associated the subject of signal processing in communication with that in control engineering. Then we concentrated on noise and random phenomena by bringing in as well the subject of stochastic calculus. The third time our subject was multi-user communication and associated with it, the important problem of assessing algorithmic complexity. This time we are concerned with the vast increase of computational power that is now available in communication systems processors and controllers. This forces a mathematical, algorithmic and structural approach to the solution of computational requirements and design problems, in contrast to previous heuristic and intuitive methods. We are also concerned with the interactions and trade-offs between the structure, speed, and complexity of a process, and between software and hardware implementations. At the previous Advanced Study Institute in this series, on Multi-User Communications, there was a session on computational complexity, applied particularly to network routing problems. It was the aim of this Institute to expand this topic and to link it with information theory, random processes, pattern analysis, and implementation aspects of communication processors. The first part of these proceedings concentrates on pattern and structure in communications processing. In organising this session I was greatly helped and guided by Professor P. G. Farrell and Professor J. L. Massey.

ADOPTION, USAGE, AND GLOBAL IMPACT OF BROADBAND TECHNOLOGIES: DIFFUSION, PRACTICE AND POLICY

DIFFUSION, PRACTICE AND POLICY

IGI Global "This book provides a comprehensive coverage of broadband deployment, diffusion, adoption, usage, and policies as they have been realized by research in many countries around the world"--Provided by publisher.

INTERCONNECTION NETWORKS

AN ENGINEERING APPROACH

Morgan Kaufmann Foreword -- Foreword to the First Printing -- Preface -- Chapter 1 -- Introduction -- Chapter 2 -- Message Switching Layer -- Chapter 3 -- Deadlock, Livelock, and Starvation -- Chapter 4 -- Routing Algorithms -- Chapter 5 -- CollectiveCommunicationSupport -- Chapter 6 -- Fault-Tolerant Routing -- Chapter 7 -- Network Architectures -- Chapter 8 -- Messaging Layer Software -- Chapter 9 -- Performance Evaluation -- Appendix A -- Formal Definitions for Deadlock Avoidance -- Appendix B -- Acronyms -- References -- Index.

EUROPE'S NETWORK INDUSTRIES

CONFLICTING PRIORITIES : TELECOMMUNICATIONS

Centre for Economic Policy Research This report is the first in a new series, Monitoring European Deregulation (MED), launched by CEPR and SNS Förlag in 1997. The MED Reports feature new, policy-oriented research on the liberalization of the European markets of the major 'network industries:' telecommunications, energy, air transportation, rail, and water. Addressed to a wide audience of both academics and European decisionmakers in the private-sector and policy communities, at both the national and EU level, the series will play an important role in informing the policy debate and influencing current thinking on these issues.

FIRST REPORT ON PROSPECTS FOR ADDITIONAL NETWORKS: VIDEO INTERCONNECTION

PRINCIPLES OF NETWORK ECONOMICS

Springer Science & Business Media Network problems are manifold and extremely complex. Many problems result from engineering details or mathematical difficulties, others are caused by disregarding economic principles and imperfections of markets. The text provides a fairly integrated approach of transportation related "network problems" and their "solutions" with emphasis on economics or, more precisely, microeconomic theory.

CHINATELECOM 2000 VOL 6: CHINA'S NEW TELECOM POLICY AND STRUCTURE AFTER REORGANIZATION

Information Gatekeepers Inc

THE GEODESIC NETWORK

1987 REPORT ON COMPETITION IN THE TELEPHONE INDUSTRY

COMPUTER NETWORKING

PRINCIPLES, PROTOCOLS AND PRACTICE

Original textbook (c) October 31, 2011 by Olivier Bonaventure, is licensed under a Creative Commons Attribution (CC BY) license made possible by funding from The Saylor Foundation's Open Textbook Challenge in order to be incorporated into Saylor's collection of open courses available at: http: //www.saylor.org. Free PDF 282 pages at https: //www.textbookequity.org/bonaventure-computer-networking-principles-protocols-and-practice/ This open textbook aims to fill the gap between the open-source implementations and the open-source network specifications by providing a detailed but pedagogical description of the key principles that guide the operation of the Internet. 1 Preface 2 Introduction 3 The application Layer 4 The transport layer 5 The network layer 6 The datalink layer and the Local Area Networks 7 Glossary 8 Bibliography

DEEPER INTEGRATION AND TRADE IN SERVICES IN THE EURO-MEDITERRANEAN REGION

SOUTHERN DIMENSIONS OF THE EUROPEAN NEIGHBORHOOD POLICY

World Bank Publications This publication examines the importance of trade in services for the integration of non-EU members into the European Single Market. Further liberalisation is found to be a critical factor to deeper integration with the enlarged EU, which accounts for a quarter of global GDP and foreign direct investment. The planned Euro-Mediterranean free trade area for goods is judged as a positive first step, but additional measures are needed for deeper integration, including liberalisation of services trade. The study gives a detailed assessment of individual sectors, including core services relating to transport, telecommunication, financial markets and electricity, as well other markets such as tourism, IT and distribution services.

REMEDIES IN NETWORK INDUSTRIES

EC COMPETITION LAW VS. SECTOR-SPECIFIC REGULATION

Intersentia nv Over the last decade, the European Union has undertaken major market-opening reforms in the area of network industries. The liberalization process has now been completed in the air transport and electronic communications sectors and has achieved considerable progress in other network industries, such as postal services, energy (electricity and gas), and rail transport. Creating competition in network industries is not an easy matter, however. Because they benefit from certain advantages such as a large initial market share and control of essential facilities, incumbents typically retain substantial market power in a number of relevant markets and may even use their position to prevent others from engineering such markets. Controlling market power is thus one of a number of key concerns in network industries. It can be achieved in two main ways; either through the adoption and implementation of sector-specific rules or through the application of competition rules. There are advantages and disadvantages to both options, but it is a combination of the two that generally prevents incumbents from abusing their market power in liberalized markets. Competition law and sector-specific regulation provide for the application of remedies on incumbents or other operators holding significant market power. Such remedies are either structural or a behavioural. In some occasions they will apply ex ante, while in others ex post. This book comprises a collection of outstanding essays dealing with the complex legal and economic issues raised by remedies in network industries. While some of these essays analyse remedies from a generic point of view, others focus on specific remedies applied specifically in particular sectors. The sectors covered in this volume include electronic communications, postal services, energy (electricity and gas), and air transport. The final paper also presents a discussion of the United States approach to remedies in network industries. The essays comprised in this book have been written by leading academics (lawyers and economists), as well as private practitioners.

PRIVATIZATION, REGULATION AND DEREGULATION

Taylor & Francis In this second edition of Privatization, Regulation and Deregulation, the author has updated and augmented the original material to take account of developments over the last 5 years. This volume includes ten completely new chapters and coverage of the critical period from 1981to the present. The book provides a unique insight into the privatization and regulatory procedure. In addition, it presents a significant contribution to the basic economic arguments underlying these reforms to practitioners involved in privatization and regulation.

REGULATION AND ENTRY INTO TELECOMMUNICATIONS MARKETS

Cambridge University Press This book analyses telecommunications markets from early to mature competition, filling the gap between the existing economic literature on competition and the real-life application of theory to policy. Paul De Bijl and Martin Peitz focus on both the transitory and the persistent asymmetries between telephone companies, investigating the extent to which access price and retail price regulation stimulate both short- and long-term competition. They explore and compare various settings, such as non-linear versus linear pricing, facilities-based versus unbundling-based or carrier-select-based competition, non-segmented versus segmented markets. On the basis of their analysis, De Bijl and Peitz then formulate guidelines for policy. This book is a valuable resource for academics, regulators and telecommunications professionals. It is accompanied by simulation programs devised by the authors both to establish and to illustrate their results.

NATIONAL SPACE LAW IN CHINA

AN OVERVIEW OF THE CURRENT SITUATION AND OUTLOOK FOR THE FUTURE

Hotei Publishing In National Space Law in China, Yun Zhao examines space laws, regulations and policies in China. As the first English monograph on national space legislation in China, this book shall contribute to the understanding of China's space law regime.

NETWORKING AND TELECOMMUNICATIONS: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global "This multiple-volume publications exhibits the most up-to-date collection of research results and recent discoveries in the transfer of knowledge access across the globe"--Provided by publisher.

PROCEEDINGS OF THE ... ACM SIGPLAN SYMPOSIUM ON PRINCIPLES & PRACTICE OF PARALLEL PROGRAMMING

PPOPP.

REVIEW OF NATIONAL TELECOMMUNICATIONS POLICY

A STAFF REPORT

COMPETITION IN INTERNATIONAL VOICE COMMUNICATION

World Bank Publications

COMMUNICATIONS & STRATEGIES

EU COMPETITION LAW AND REGULATION IN THE CONVERGING TELECOMMUNICATIONS, MEDIA AND IT SECTORS

Kluwer Law International B.V. This book presents the most thoroughgoing model yet offered to ensure the emergence of a genuinely competitive electronic communications industry in Europe. In the course of its in-depth analysis the discussion focuses on such factors as the following: EU telecommunications policy as revealed in liberalization and harmonization legislative measures; the EU electronic communications framework; case law covering issues of refusal to supply and the essential facilities doctrine; application of Article 82 EC to bottlenecks; specific types of an undertakings unilateral behaviour that may often occupy NRAs and competition authorities in the context of their ex post competition law investigations under Article 82 EC; strategic alliances and mergers in the move toward multimedia; access to premium content and the emergence of new media; the scope of content regulation in the online environment; and broadband (regulation of local loop unbundling and bitstream access). The book also provides practical guidance on issues concerning the complicated market definition and analysis mechanism promulgated by the European Commission's Recommendation and Guidelines.

WIRELESS SENSOR NETWORKS

CURRENT STATUS AND FUTURE TRENDS

CRC Press Wireless sensor networks (WSNs) utilize fast, cheap, and effective applications to imitate the human intelligence capability of sensing on a wider distributed scale. But acquiring data from the deployment area of a WSN is not always easy and multiple issues arise, including the limited resources of sensor devices run with one-time batteries. Additi