

Topologie Ga C Na C Rale Et Espaces Norma C S 2e

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Biomedical Index to PHS-supported Research: Project number listing, investigator listing 1992

American Men and Women of Science 1982

Energy Research Abstracts 1988 Semiannual, with semiannual and annual indexes. References to all scientific and technical literature coming from DOE, its laboratories, energy centers, and contractors. Includes all works deriving from DOE, other related government-sponsored information, and foreign nonnuclear information. Arranged under 39 categories, e.g., Biomedical sciences, basic studies; Biomedical sciences, applied studies; Health and safety; and Fusion energy. Entry gives bibliographical information and abstract. Corporate, author, subject, report number indexes.

IBM Power 520 Technical Overview Scott Vetter 2010-04-02 This IBM Redpaper publication is a comprehensive guide covering the IBM Power 520 server, machine type model 8203-E4A. The goal of this paper is to introduce this innovative server that includes IBM System i and IBM System p and new hardware technologies. The major hardware offerings include: - The POWER6 processor, available at frequencies of 4.2 GHz and 4.7 GHz. - Specialized POWER6 DDR2 memory that provides greater bandwidth, capacity, and reliability. - The 1 Gb or 10 Gb Integrated Virtual Ethernet adapter that brings native hardware virtualization to this server. - EnergyScale technology that provides features such as power trending, power-saving, capping of power, and thermal measurement. - PowerVM virtualization technology. - Mainframe continuous availability brought to the entry server environment. This Redpaper expands the current set of IBM Power System documentation by providing a desktop reference that offers a detailed technical description of the Power 520 system. This Redpaper does not replace the latest marketing materials and tools. It is intended as an additional source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions.

Plant Transcription Factors Daniel H Gonzalez 2015-07-07 Plant Transcription Factors: Evolutionary, Structural and Functional Aspects is the only publication that provides a comprehensive compilation of plant transcription factor families and their complex roles in plant biology. While the majority of information about transcription factors is based on mammalian systems, this publication discusses plant transcription factors, including the important aspects and unifying themes to understanding transcription factors and the important roles of particular families in specific processes. Provides an entry point for transcription factor literature Offers compilation of information into one single resource for rapid consultation on different plant transcription factor features Integrates the knowledge about different transcription factors, along with cross-referencing Provides information on the unique aspects surrounding plant transcription factors

Keeping Patients Safe Institute of Medicine 2004-03-27 Building on the revolutionary Institute of Medicine reports To Err is Human and Crossing the Quality Chasm, Keeping Patients Safe lays out guidelines for improving patient safety by changing nurses' working conditions and demands. Licensed nurses and unlicensed nursing assistants are critical participants in our national effort to protect patients from health care errors. The nature of the activities nurses typically perform " monitoring patients, educating home caretakers, performing treatments, and rescuing patients who are in crisis " provides an indispensable resource in detecting and remedying error-producing defects in the U.S. health care system. During the past two decades, substantial changes have been made in the organization and delivery of health care " and consequently in the job description and work environment of nurses. As patients are increasingly cared for as outpatients, nurses in hospitals and nursing homes deal with greater severity of illness. Problems in management practices, employee deployment, work and workspace design, and the basic safety culture of health care organizations place patients at further risk. This newest edition in the groundbreaking Institute of Medicine Quality Chasm series discusses the key aspects of the work environment for nurses and reviews the potential improvements in working conditions that are likely to have an impact on patient safety.

Computerworld 1993-11-22 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.

Building Real-time Mobile Solutions with MQTT and IBM MessageSight Bryan Boyd 2014-12-05 MQTT is a messaging protocol designed for the Internet of Things (IoT). It is lightweight enough to be supported by the smallest devices, yet robust enough to ensure that important messages get to their destinations every time. With MQTT devices, such as energy meters, cars, trains, mobile phones and tablets, and personal health care devices, devices can communicate with each other and with other systems or applications. IBM® MessageSight is a messaging appliance designed to handle the scale and security of a robust IoT solution. MessageSight allows you to easily secure connections, configure policies for messaging, and scale to up to a million concurrently connected devices. This IBM Redbooks® publication introduces MQTT and MessageSight through a simple key fob remote MQTT application. It then dives into the architecture and development of a robust, cross-platform Ride Share and Taxi solution (PickMeUp) with real-time voice, GPS location sharing, and chat among

a variety of mobile platforms. The publication also includes an addendum describing use cases in a variety of other domains, with sample messaging topology and suggestions for design.

Cumulated Index Medicus 1988

Patterns: Integrating WebSphere ILOG JRules with IBM Software Chris Rayns 2011-02-24 This IBM® Redbooks® publication describes how the IBM WebSphere® ILOG JRules product can be used in association with other IBM middleware products to deliver better solutions. This book can help architects position a business rule management system (BRMS) in their existing infrastructures to deliver the value propositions that the business needs. This book can also help developers design and integrate JRules with those middleware products (focussing on WebSphere Process Server, WebSphere Message Broker and IBM CICS®) and help to illustrate common integration patterns and practices for these products.

Combined Membership List American Mathematical Society 2002 Lists for 19 include the Mathematical Association of America, and 1955- also the Society for Industrial and Applied Mathematics.

Performance Tuning for IBM Security Directory Server Annemarie Fitterer 2014-04-02 In today's highly connected world, directory servers are the IT cornerstone of many businesses. These components of the corporate infrastructure are the foundation of authentication systems for internal and, more commonly, external user populations. Managing a directory server with several hundred internal users is not all that difficult. However, managing a directory server with several million external users in all 24 time zones throughout the world is a much more daunting task. IBM® Security Directory Server software can handle millions of entries, given the right architecture, configuration, and performance tuning. However, that tuning can differ greatly from tuning for a smaller server with only a few hundred thousand entries. Managing and tuning a directory server of this size requires a change in mindset. Tuning and performance must be a focus even before the hardware is ordered. A proactive approach must be taken after installation also, including the pretuning steps to better interface with other products to make installations and migrations successful, and then regular maintenance to keep the directory running smoothly. This IBM Redbooks® publication is the accumulation of lessons learned in many different real-world environments, including a 24-server fault tolerant configuration with more than 300 million entries. The authors pooled their knowledge and resources to provide the most comprehensive performance view possible, from hardware to software, sort heaps to buffer pools, and table cardinalities. In large directory server deployments, use this document as a guide for how to get the right fit for your environment.

Unique 3-in-1 Research & Development Directory 1989

Integration II N. Bourbaki 2013-06-29 Integration is the sixth and last of the books that form the core of the Bourbaki series; it draws abundantly on the preceding five Books, especially General Topology and Topological Vector Spaces, making it a culmination of the core six. The power of the tool thus fashioned is strikingly displayed in Chapter II of the author's Théories Spectrales, an exposition, in a mere 38 pages, of abstract

harmonic analysis and the structure of locally compact abelian groups. The first volume of the English translation comprises Chapters 1-6; the present volume completes the translation with the remaining Chapters 7-9. Chapters 1-5 received very substantial revisions in a second edition, including changes to some fundamental definitions. Chapters 6-8 are based on the first editions of Chapters 1-5. The English edition has given the author the opportunity to correct misprints, update references, clarify the concordance of Chapter 6 with the second editions of Chapters 1-5, and revise the definition of a key concept in Chapter 6 (measurable equivalence relations).

Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation Christopher B. Field 2012-05-28 This Intergovernmental Panel on Climate Change Special Report (IPCC-SREX) explores the challenge of understanding and managing the risks of climate extremes to advance climate change adaptation. Extreme weather and climate events, interacting with exposed and vulnerable human and natural systems, can lead to disasters. Changes in the frequency and severity of the physical events affect disaster risk, but so do the spatially diverse and temporally dynamic patterns of exposure and vulnerability. Some types of extreme weather and climate events have increased in frequency or magnitude, but populations and assets at risk have also increased, with consequences for disaster risk. Opportunities for managing risks of weather- and climate-related disasters exist or can be developed at any scale, local to international. Prepared following strict IPCC procedures, SREX is an invaluable assessment for anyone interested in climate extremes, environmental disasters and adaptation to climate change, including policymakers, the private sector and academic researchers.

Metals Abstracts 1976

IBM Power E1080 Technical Overview and Introduction Scott Vetter 2022-11-01 This IBM® Redpaper® publication provides a broad understanding of a new architecture of the IBM Power® E1080 (also known as the Power E1080) server that supports IBM AIX®, IBM i, and selected distributions of Linux operating systems. The objective of this paper is to introduce the Power E1080, the most powerful and scalable server of the IBM Power portfolio, and its offerings and relevant functions: Designed to support up to four system nodes and up to 240 IBM Power10™ processor cores The Power E1080 can be initially ordered with a single system node or two system nodes configuration, which provides up to 60 Power10 processor cores with a single node configuration or up to 120 Power10 processor cores with a two system nodes configuration. More support for a three or four system nodes configuration is to be added on December 10, 2021, which provides support for up to 240 Power10 processor cores with a full combined four system nodes server. Designed to support up to 64 TB memory The Power E1080 can be initially ordered with the total memory RAM capacity up to 8 TB. More support is to be added on December 10, 2021 to support up to 64 TB in a full combined four system nodes server. Designed to support up to 32 Peripheral Component Interconnect® (PCIe) Gen 5 slots in a full combined four system nodes server and up to 192 PCIe Gen 3 slots with expansion I/O drawers The Power E1080 supports initially a maximum of two system nodes; therefore, up to 16 PCIe Gen 5 slots, and up to 96 PCIe Gen 3 slots with expansion I/O drawer. More support is to be added on December 10, 2021, to support up to 192 PCIe Gen 3 slots with expansion I/O drawers. Up to over 4,000 directly attached serial-attached SCSI (SAS) disks or solid-state drives (SSDs) Up to 1,000 virtual machines (VMs) with logical

partitions (LPARs) per system System control unit, providing redundant system master Flexible Service Processor (FSP) Supports IBM Power System Private Cloud Solution with Dynamic Capacity This publication is for professionals who want to acquire a better understanding of Power servers. The intended audience includes the following roles: Customers Sales and marketing professionals Technical support professionals IBM Business Partners Independent software vendors (ISVs) This paper does not replace the current marketing materials and configuration tools. It is intended as an extra source of information that, together with existing sources, can be used to enhance your knowledge of IBM server solutions.

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Who's Who in the South and Southwest, 1986-1987 1986-08

Who's who in Technology Today: Electronic and physics technologies 1982 Directory of leading scientists and engineers who are the leaders in the most important areas of American technology. Each entry gives education, publications, achievements, area of expertise, honors, patents, and personal information.

Photons in Fock Space and Beyond Reinhard Honegger 2015-04-22 The three-volume major reference “Photons in Fock Space and Beyond” undertakes a new mathematical and conceptual foundation of the theory of light emphasizing mesoscopic radiation systems. The quantum optical notions are generalized beyond Fock representations where the richness of an infinite dimensional quantum field system, with its mathematical difficulties and theoretical possibilities, is fully taken into account. It aims at a microscopic formulation of a mesoscopic model class which covers in principle all stages of the generation and propagation of light within a unified and well-defined conceptual frame. The dynamics of the interacting systems is founded — according to original works of the authors — on convergent perturbation series and describes the developments of the quantized microscopic as well as the classical collective degrees of freedom at the same time. The achieved theoretical unification fits especially to laser and microwave applications inheriting objective information over quantum noise. A special advancement is the incorporation of arbitrary multiply connected cavities where ideal conductor boundary conditions are imposed. From there arises a new category of classical and quantized field parts, apparently not treated in Quantum Electrodynamics before. In combination with gauge theory, the additional “cohomological fields” explain topological quantum effects in superconductivity. Further applications are to be expected for optoelectronic and optomechanical systems. Contents: Volume I: From Classical to Quantized Radiation Systems: Preliminaries on Electromagnetism Classical Electrodynamics in L_2 -Hilbert Spaces Classical Electrodynamics in the Smeared Field Formalism Statistical Classical Electrodynamics Canonical Quantization and Weyl Algebras Deformation Quantization Optical States, Optical Coherence Volume II: Quantized Mesoscopic Radiation Models: Squeezing Black Body Radiation Mesoscopic Electronic Matter Algebras and States Weakly Inhomogeneous Interactions Quantized Radiation Models Volume III: Mathematics for Photon Fields: Observables and Algebras States and Their Decomposition Measures Dynamics and Perturbation Theory Gauges and Fiber Bundles Readership: This three-volume series is recommended for graduate students and researchers working in rigorous Electrodynamics, Quantum Optics and Quantum Field Theory in general. Key Features: On the side of Physics, “Photons in Fock Space and Beyond” extends the applicability of quantum

optical notions far beyond the usual scope of the quantum optical literature by using more general optical cavities and theoretical ansatzes. By establishing a systematic conceptual frame, many fundamental questions of photon theory are clarified by mathematical arguments. On the side of Mathematical Physics, certain parts of the theory of vector fields with boundary conditions, of operator algebras, ergodic theory, convexity, measures on dual spaces, perturbation theory and electrodynamic gauge bundles are not only treated in an introductory fashion but also supplemented in an original manner. The unique feature of that exposition of mathematical disciplines is their integration into a comprehensive line of thought within a deductive physical theory.

Keywords: Electrodynamics; Vector Analysis; Statistical Physics; Quantum Optics; Quantum Field Theory; Quantum Statistics; Solid State Physics; Superconductivity; Gauge Theory; Operator Algebras; Convexity; Topological Vector Spaces; Fiber Bundles

Reviews: "This three volume work on the quantum field theory of radiation combines well presented, competent mathematical foundations with actual physical applications to mesoscopic photonics." (See Full Review) Professor Ernst Binz Universität Mannheim

Science Citation Index 1995 Vols. for 1964- have guides and journal lists.

IBM Tivoli Directory Server for z/OS Karan Singh 2011-07-07 This IBM® Redbooks® publication examines the IBM Tivoli® Directory Server for z/OS®. IBM Tivoli Directory Server is a powerful Lightweight Directory Access Protocol (LDAP) infrastructure that provides a foundation for deploying comprehensive identity management applications and advanced software architectures. This publication provides an introduction to the IBM Tivoli Directory Server for z/OS that provides a brief summary of its features and a examination of the possible deployment topologies. It discusses planning a deployment of IBM Tivoli Directory Server for z/OS, which includes prerequisites, planning considerations, and data stores, and provides a brief overview of the configuration process. Additional chapters provide a detailed discussion of the IBM Tivoli Directory Server for z/OS architecture that examines the supported back ends, discusses in what scenarios they are best used, and provides usage examples for each back end. The discussion of schemas breaks down the schema and provides guidance on extending it. A broad discussion of authentication, authorization, and security examines the various access protections, bind mechanisms, and transport security available with IBM Tivoli Directory Server for z/OS. This chapter also provides an examination of the new Password Policy feature. Basic and advanced replication topologies are also covered. A discussion on plug-ins provides details on the various types of plug-ins, the plug-in architecture, and creating a plug-in, and provides an example plug-in. Integration of IBM Tivoli Directory Server for z/OS into the IBM Workload Manager environment is also covered. This publication also provides detailed information about the configuration of IBM Tivoli Directory Server for z/OS. It discusses deploying IBM Tivoli Directory Server for z/OS on a single system, with examples of configuring the available back ends. Configuration examples are also provided for deploying the server in a Sysplex, and for both basic and advanced replication topologies. Finally it provides guidance on monitoring and debugging IBM Tivoli Directory Server for z/OS.

Ubiquitin 2020-12-09 The ubiquitin-proteasome pathway consists of ubiquitin, substrate proteins, E1 enzymes, E2 enzymes, E3 enzymes, and proteasome, which acts in a series of enzymatic reaction chains to ubiquitinate substrate proteins such as surplus and misfolded proteins for degradation by the proteasome to maintain the

balance between protein synthesis and degradation in a cell and tissue. Moreover, deubiquitinating enzymes can remove the attached ubiquitin chain, which results in a reverse ubiquitination-deubiquitination process involved in multiple biological processes in a cell and tissue. The changes of components in the ubiquitin-proteasome pathway are associated with multiple pathophysiological processes, such as cancers and neurodegenerative diseases. This book presents the new advances in concepts, analytical methodology, and application of ubiquitin-proteasome pathway for clarification of molecular mechanisms and discovery of new therapeutic targets and drugs in different diseases.

BIM Handbook Rafael Sacks 2018-07-03 Discover BIM: A better way to build better buildings Building Information Modeling (BIM) offers a novel approach to design, construction, and facility management in which a digital representation of the building product and process is used to facilitate the exchange and interoperability of information in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. The BIM Handbook, Third Edition provides an in-depth understanding of BIM technologies, the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team. Updates to this edition include: Information on the ways in which professionals should use BIM to gain maximum value New topics such as collaborative working, national and major construction clients, BIM standards and guides A discussion on how various professional roles have expanded through the widespread use and the new avenues of BIM practices and services A wealth of new case studies that clearly illustrate exactly how BIM is applied in a wide variety of conditions Painting a colorful and thorough picture of the state of the art in building information modeling, the BIM Handbook, Third Edition guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.

Arts & Humanities Citation Index 1997

Who's Who in the South and Southwest Marquis Who's Who 1998-12 Provides current coverage of a broad range of individuals from across the South and Southwest Includes approximately 17,500 names from the region embracing Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia, Puerto Rico, and the Virgin Islands. Because of its importance and its contiguity to the southwestern United States, Mexico is also covered in this volume.

IBM Business Process Manager Version 8.0 Production Topologies Dawn Ahukanna 2013-07-22 This IBM® Redbooks® publication describes how to build production topologies for IBM Business Process Manager V8.0. This book is an update of the existing book *IBM Business Process Manager V7.5 Production Topologies*, SG24-7976. It is intended for IT Architects and IT Specialists who want to understand and implement these topologies. Use this book to select the appropriate production topologies for an environment, then follow the step-by-step instructions to build those topologies. Part 1 introduces IBM Business Process Manager and

provides an overview of basic topology components, and Process Server and Process Center. This part also provides an overview of the production topologies described in this book, including a selection criteria for when to select a topology. IBM Business Process Manager security and the presentation layer are also addressed in this part. Part 2 provides a series of step-by-step instructions for creating production topology environments by using deployment environment patterns. This process includes topologies that incorporate IBM Business Monitor. This part also describes advanced topology topics. Part 3 covers post installation instructions for implementing production topology environments such as configuring IBM Business Process Manager to use IBM HTTP Server and WebSphere® proxy server.

Combined Membership List of the American Mathematical Society and the Mathematical Association of America American Mathematical Society 2002

Process and Chemical Engineering 1994

Scientific and Technical Aerospace Reports 1978

Computerworld 1995-02-20 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.

Functions of a Real Variable N. Bourbaki 2013-12-01 This is an English translation of Bourbaki's Fonctions d'une Variable Réelle. Coverage includes: functions allowed to take values in topological vector spaces, asymptotic expansions are treated on a filtered set equipped with a comparison scale, theorems on the dependence on parameters of differential equations are directly applicable to the study of flows of vector fields on differential manifolds, etc.

IBM Business Process Manager V7.5 Production Topologies Dawn Ahukanna 2011-10-28 This IBM® Redbooks® publication describes how to build production topologies for IBM Business Process Manager Advanced V7.5. It is aimed at IT Architects and IT Specialists who want to understand and implement these topologies. Use this book to select the appropriate production topologies for a given environment, then follow the step-by-step instructions included in this book to build these topologies. Part one introduces IBM Business Process Manager and provides an overview of basic topology components, and Process Server and Process Center. This part also provides an overview of the production topologies that we describe in this book, including a selection criteria for when to select a given topology. Part two provides a series of step-by-step instructions for creating production topology environments using deployment environment patterns. This includes topologies that incorporate IBM Business Monitor. This part also discusses advanced topology topics.

Index Medicus 2001

VLSI Physical Design: From Graph Partitioning to Timing Closure Andrew B. Kahng 2011-01-27 Design and optimization of integrated circuits are essential to the creation of new semiconductor chips, and physical optimizations are becoming more prominent as a result of semiconductor scaling. Modern chip design has become so complex that it is largely performed by specialized software, which is frequently updated to address advances in semiconductor technologies and increased problem complexities. A user of such software needs a high-level understanding of the underlying mathematical models and algorithms. On the other hand, a developer of such software must have a keen understanding of computer science aspects, including algorithmic performance bottlenecks and how various algorithms operate and interact. "VLSI Physical Design: From Graph Partitioning to Timing Closure" introduces and compares algorithms that are used during the physical design phase of integrated-circuit design, wherein a geometric chip layout is produced starting from an abstract circuit design. The emphasis is on essential and fundamental techniques, ranging from hypergraph partitioning and circuit placement to timing closure.

Energy Abstracts for Policy Analysis 1987

Harrap's Standard German and English Dictionary Trevor David Jones 1963

Biomedical Index to PHS-supported Research 1990

The Geography of Transport Systems Jean-Paul Rodrigue 2013-07-18 Mobility is fundamental to economic and social activities such as commuting, manufacturing, or supplying energy. Each movement has an origin, a potential set of intermediate locations, a destination, and a nature which is linked with geographical attributes. Transport systems composed of infrastructures, modes and terminals are so embedded in the socio-economic life of individuals, institutions and corporations that they are often invisible to the consumer. This is paradoxical as the perceived invisibility of transportation is derived from its efficiency. Understanding how mobility is linked with geography is main the purpose of this book. The third edition of *The Geography of Transport Systems* has been revised and updated to provide an overview of the spatial aspects of transportation. This text provides greater discussion of security, energy, green logistics, as well as new and updated case studies, a revised content structure, and new figures. Each chapter covers a specific conceptual dimension including networks, modes, terminals, freight transportation, urban transportation and environmental impacts. A final chapter contains core methodologies linked with transport geography such as accessibility, spatial interactions, graph theory and Geographic Information Systems for transportation (GIS-T). This book provides a comprehensive and accessible introduction to the field, with a broad overview of its concepts, methods, and areas of application. The accompanying website for this text contains a useful additional material, including digital maps, PowerPoint slides, databases, and links to further reading and websites. The website can be accessed at: <http://people.hofstra.edu/geotrans> This text is an essential resource for undergraduates studying transport geography, as well as those interest in economic and urban geography, transport planning and engineering.