International Congress On Mathematics Micom 2015

A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM) by Joseph F. Hair, Jr., G. Tomas M. Hult, Christian Ringle, and Marko Sarstedt is a practical guide that provides concise instructions on how to use partial least squares structural equation modeling (PLS-SEM), an evolving statistical technique, to conduct research and obtain solutions. Featuring the latest research, new examples using the SmartPLS software, and expanded discussions throughout, the Second Edition is designed to be easily understood by those with limited statistical and mathematical training who want to pursue research opportunities in new ways.

"[Seize the high ground is a] narrative history of the Army's aerospace experience from the 1950s to the present. The focus is on ballistic missile defense, from the early NIKE-HERCULES missile program through the SAFEGUARD acquisition site allowed by the 1972 ABM Treaty to the more advanced 'Star Wars' concepts studies toward the end of the century. [What is] covered is not only the technological response to the threat but the organizational and tactical development of the commands and units responsible for the defense mission"--CMH website.

Hearings ... 90th Congress, 2d Session

Basic Concepts, Methodological Issues and Applications

Generalized Mathieu Series

Army Research and Development

RIE.. Annual cumulation

Research, development, test, and evaluation, [Monday, March 4, 1968

Generalized Mathieu SeriesSpringer Nature

Proceedings -- Computer Arithmetic, Algebra, OOP.

Army R, D & A.

Department of Defense Appropriations for 1969

Computational Science and Its Applications – ICCSA 2009

Euro-Par' 99 Parallel Processing

Telecommunications and Networking

The Journal of the Society of Photo-optical Instrumentation Engineers

This volume contains the proceedings from the workshops held in conjunction with the IEEE International Parallel and Distributed Processing Symposium, IPDPS 2000, on 1-5 May 2000 in Cancun, Mexico. The workshopsprovidea forum for bringing together researchers,practiti- ers, and designers from various backgrounds to discuss the state of the art in parallelism.Theyfocusondi erentaspectsofparallelism,fromruntimesystems to formal methods, from optics to irregular problems, from biology to networks of personal computers, from embedded systems to programming environments; the following workshops are represented in this volume: { Workshop on Personal Computer Based Networks of Workstations { Workshop on Advances in Parallel and Distributed Computational Models { Workshop on Par. and Dist. Comp. in Image, Video, and Multimedia { Workshop on High-Level Parallel Prog. Models and Supportive Env. { Workshop on High Performance Data Mining { Workshop on Solving Irregularly Structured Problems in Parallel { Workshop on Java for Parallel and Distributed Computing { WorkshoponBiologicallyInspiredSolutionsto ParallelProcessingProblems { Workshop on Parallel and Distributed Real-Time Systems { Workshop on Embedded HPC Systems and Applications { Recon gurable Architectures Workshop { Workshop on Formal Methods for Parallel Programming { Workshop on Optics and Computer Science { Workshop on Run-Time Systems for Parallel Programming { Workshop on Fault-Tolerant Parallel and Distributed Systems All papers published in the workshops proceedings were selected by the p- gram committee on the basis of referee reports. Each paper was reviewed by independent referees who judged the papers for originality, quality, and cons- tency with the themes of the workshops.

This interesting collection of up-to-date survey articles on various topics of current mathematical research presents extended versions of the plenary talks given by important Greek mathematicians at the congress held in Athens, Greece, on occasion of the celebration for the 100 years of the Hellenic Mathematical Society.

The Yearbook of Experts, Authorities & Spokespersons

A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM)

The Army in Space and Missile Defense

An Encyclopedia of Sources

Hearings Before a Subcommittee ... Ninetieth Congress, Second Session

Hearings, Reports and Prints of the House Committee on Appropriations

Euro-Parisaninternationalconferencededicatedtothepromotionandadvan- ment of all aspects of parallel computing. The major themes can be divided into the broad categories of hardware, software, algorithms and applications for p- allel computing. The objective of Euro-Par is to provide a forum within which to promote the development of parallel computing both as an industrial te- nique and an academic discipline, extending the frontier of both the state of the art and the state of the practice. This is particularly important at a time when parallel computing is undergoing strong and sustained development and experiencing real industrial take-up. The main audience for and participants in Euro-Parareseenasresearchersinacademicdepartments,governmentlabora- ries and industrial organisations. Euro-Par's objective is to become the primary choice of such professionals for the presentation of new results in their specic areas. Euro-Par is also interested in applications which demonstrate the e - tiveness of the main Euro-Par themes. There is now a permanent Web site for the series http://brahms. fmi. uni-passau. de/cl/europar where the history of the conference is described. Euro-Par is now sponsored by the Association of Computer Machinery and the International Federation of Information Processing. Euro-Par'99 The format of Euro-Par'99follows that of the past four conferences and consists of a number of topics eachindividually monitored by a committee of four. There were originally 23 topics for this year's conference. The call for papers attracted 343 submissions of which 188 were accepted. Of the papers accepted, 4 were judged as distinguished, 111 as regular and 73 as short papers.

The LESS 2010 conference was the first scientific conference dedicated to advancing the "lean enterprise software and systems" body of knowledge. It fostered interactions by joining the lean product development community with the agile community coupled with innovative ideas nurtured by the beyond budgeting school of thinking. The conference was organized in collaboration with the Lean Software and Systems Consortium (LSSC). The conference is established as a conference series. The idea of the conference was to offer a unique platform for advancing the state of the art in research and practice by bringing the leading researchers and practitioners to the same table. Indeed, LESS 2010 attracted a unique mix of participants including academics, researchers, leading consultants and industry practitioners. The aim of the conference was to use this diverse community to advance research and practical knowledge concerning lean thinking within the field of software business and development. LESS 2010 had more than 60% of its speakers come from the industry and the remaining from academia. LESS is poised to grow as we advance into future iterations of the conference and become the conference for lean thinking in systems and software development. Its growth and credibility will be advanced by the communities and knowledge exchange platform it provides. LESS offers several avenues for knowledge exchange to create a highly collaborative environment. Each year, we aim to bring novelty to a program that fosters collaboration, letting new ideas thrive during and after the conference.

15 IPDPS 2000 Workshops Cancun, Mexico, May 1–5, 2000 Proceedings

Proceedings of the 13th IMACS World Congress on Computation and Applied Mathematics : July 22-26, 1991, Trinity College, Dublin, Ireland : in Four Volumes

Hearings Before a Subcommittee of the Committee on Appropriations, House of Representatives, Ninetieth Congress, Second Session

IMACS '91, 13th World Congress on Computation and Applied Mathematics

Parallel and Distributed Processing

Proceedings of the 1996 International Conference on Parallel Processing, August 12-16, 1996: Algorithms & applications

The two-volume set LNCS 5592 and 5593 constitutes the refereed proceedings of the International Conference on Computational Science and Its Applications, ICCSA 2009, held in Seoul, Korea, in June/July, 2009. The two volumes contain papers presenting a wealth of original research results in the field of computational science, from foundational issues in computer science and mathematics to advanced applications in virtually all sciences making use of computational techniques. The topics of the fully refereed papers are structured according to the five major conference themes: computational methods, algorithms and scientific applications, high performance technical computing and networks, advanced and emerging applications, as well as information systems and information technologies. Moreover, submissions from more than 20 workshops and technical sessions contribute to this publication.These cover topics such as geographical analysis, urban modeling, spatial statistics, wireless and ad hoc networking, logical, scientific and computational aspects of pulse phenomena in transitions, high-performance computing and information visualization, sensor network and its applications, molecular simulations structures and processes, collective evolutionary systems, software engineering processes and applications, molecular simulations structures and processes, internet communication security, security and privacy in pervasive computing environments, and mobile communications.

As the dividing line between traditional computing science and telecommunications quickly becomes blurred or disappears in today's rapidly changing environment, there is an increasing need for computer professionals to possess knowledge of telecommunications principles. Telecommunications and Networking presents a comprehensive overview of the interaction and relationship between telecommunications and data processing. The book's early chapters cover basic telecommunications vocabulary, common nomenclature, telecommunications fundamentals, as well as the important relationships among coding, error detection and correction, and noise. Later chapters discuss such topics as switching, timing, topological structures, routing algorithms, and teleprocessing. Other topics covered in detail include specific concerns inherent to computer communications, such as protocols, error detection and correction, network monitoring and security, and system validation. System designers and programmers can no longer be effective simply by understanding the tradeoffs between hardware and software. Telecommunications and Networking provides both computing professionals and students the fundamental computer communications concepts necessary to function in today's computer industry.

Department of Defense Appropriations for 1972

First International Conference, LESS 2010, Helsinki, finland, October 17-20, 2010, Proceedings

Hearings Before the Subcommittee ... Ninety-second Congress, First Session ...

IEEE Membership Directory

Процесуално философски прочит на дилемата континуалност – дискретност

Research in Progress

Publishes papers reporting on research and development in optical science and engineering and the practical applications of known optical science, engineering, and technology.

Today, parallel computing experts can solve problems previously deemed impossible and make the "merely difficult" problems economically feasible to solve. This book presents and synthesizes the recent experiences of reknown expert developers who design robust and complex parallel computing applications. They demonstrate how to adapt and implement today's most advanced, most effective parallel computing techniques. The book begins with a highly focused introductory course designed to provide a working knowledge of all the relevant architectures, programming models, and performance issues, as well as the basic approaches to assessment, optimization, scheduling, and debugging. Next comes a series of seventeen detailed case studies all dealing with production-quality industrial and scientific applications, all presented firsthand by the actual code developers. Each chapter follows the same comparison-inviting format, presenting lessons learned and algorithms developed in the course of meeting real, non-academic challenges. A final section highlights the case studies' most important insights and turns an eye to the future of the discipline. * Provides in-depth case studies of seventeen parallel computing applications, some built from scratch, others developed through parallelizing existing applications. * Explains elements critical to all parallel programming environments, including: ** Terminology and architectures ** Programming models and methods ** Performance analysis and debugging tools * Teaches primarily by example, showing how scientists in many fields have solved daunting problems using parallel computing. * Covers a wide range of application areas biology, aerospace, semiconductor design, environmental modeling, data imaging and analysis, fluid dynamics, and more. * Summarizes the state of the art while looking to the future of parallel computing. Presents technical animations and visualizations from many of the applications detailed in the case studies via a companion web site.

Government Reports Announcements & Index

Microwave Journal

Technical Abstract Bulletin

Industrial Strength Parallel Computing

InfoWorld

Optical Engineering

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

'MEIN KAMPF' is the autobiography of Adolf Hitler gives detailed insight into the mission and vision of Adolf Hitler that shook the world. This book is the merger of two volumes. The first volume of MEIN KAMPF' was written while the author was imprisioned in a Bavarian fortress. The book deals with events which brought the author into this blight. It was the hour of Germany's deepest humiliation, when Napolean has dismembered the old German Empire and French soldiers occupied almost the whole of Germony. The books narrates how Hitler was arrested with several of his comrades and imprisoned in the fortress of Landsberg on the river Lech. During this period only the author wrote the first volume of MEIN KAMPF. The Second volume of MEIN KAMPF was written after release of Hitler from prison and it was published after the French had left the Ruhr, the tramp of the invading armies still echoed in German ears and the terrible ravages had plunged the country into a state of social and economic Chaos. The beauty of the book is, MEIN KAMPF is an historical document which bears the emprint of its own time. Moreover, Hitler has declared that his acts and 'public statements' constitute a partial revision of his book and are to be taken as such. Also, the author has translated Hitler's ideal, the Volkischer Staat, as the People's State. The author has tried his best making German Vocabulary easy to understand. You will never be satisfied until go through the whole book. A must read book, which is one of the most widely circulated and read books worldwide.

Army RD & A Bulletin

Partial Least Squares Path Modeling

Resources in Education

5th International Euro-Par Conference Toulouse, France, August 31-September 3, 1999 Proceedings

China 1991 International Conference on Circuits and Systems, 16-17 June, 1991, Shenzhen University, Shenzhen, China

International Conference, Seoul, Korea, June 29--July 2, 2009, Proceedings, Part II

The Mathieu series is a functional series introduced by Émile Léonard Mathieu for the purposes of his research on the elasticity of solid bodies. Bounds for this series are needed for solving biharmonic equations in a rectangular domain. In addition to Tomovski and his coauthors, Pogany, Cerone, H. M. Srivastava, J. Choi, etc. are some of the known authors who published results concerning the Mathieu series, its generalizations and their alternating variants. Applications of these results are given in classical, harmonic and numerical analysis, analytical number theory, special functions, mathematical physics, probability, quantum field theory, quantum physics, etc. Integral representations, analytical inequalities, asymptotic expansions and behaviors of some classes of Mathieu series are presented in this book. A systematic study of probability density functions and probability distributions associated with the Mathieu series, its generalizations and Planck's distribution is also presented. The book is addressed at graduate and PhD students and researchers in mathematics and physics who are interested in special functions, inequalities and probability distributions.

This edited book presents the recent developments in partial least squares-path modeling (PLS-PM) and provides a comprehensive overview of the current state of the most advanced research related to PLS-PM. The first section of this book emphasizes the basic concepts and extensions of the PLS-PM method. The second section discusses the methodological issues that are the focus of the recent development of the PLS-PM method. The third part discusses the real world application of the PLS-PM method in various disciplines. The contributions from expert authors in the field of PLS focus on topics such as the factor-based PLS-PM, the perfect match between a model and a mode, quantile composite-based path modeling (QC-PM), ordinal consistent partial least squares (OrdPLSc), non-symmetrical composite-based path modeling (NSCPM), modern view for mediation analysis in PLS-PM, a multi-method approach for identifying and treating unobserved heterogeneity, multigroup analysis (PLS-MGA), the assessment of the common method bias, non-metric PLS with categorical indicators, evaluation of the efficiency and accuracy of model misspecification and bootstrap parameter recovery in PLS-PM, CB-SEM, and the Bollen-Stine methods and importance-performance map analysis (IPMA) for nonlinear relationships. This book will be useful for researchers and practitioners interested in the latest advances in PLS-PM as well as master and Ph.D. students in a variety of disciplines using the PLS-PM method for their projects.

Acronyms, Initialisms & Abbreviations Dictionary

The Compu-mark Directory of U.S. Trademarks

First Congress of Greek Mathematicians

Lean Enterprise Software and Systems

July 22-26, 1991, Trinity College, Dublin, Ireland : Proceedings