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Erosion and Sedimentation Manual **Applied Meta-Analysis with R** **Applied Meta-Analysis with R and Stata** **Communication Satellites, 1958-1995** *FCC Record* **NETWORKING 2006**. Networking Technologies, Services, Protocols; Performance of Computer and Communication Networks; Mobile and Wireless Communications Systems *Dynamics of Meteor Outbursts and Satellite Mitigation Strategies* Deep-Sky Video Astronomy **Communication Satellites National Optical Astronomy Observatories Newsletter** Textiles and Clothing Sustainability **NASA Handbook for Nickel-hydrogen Batteries** Communication, Management and Information Technology **State of the Commercial Launch Industry** **Computerworld Game Face** Data Science for Wind Energy **Interavia Space Directory** *Special Edition Using StarOffice 6.0* *The ... World Satellite Directory* **Satellite Home Viewer** **Copyright Act Jane's Space Directory** *Network World Satellites* **International Telecommunications Reports** *Performance Evaluation of Forwarding Algorithms for Generalized Storage Aware Routing Protocols* **Chain Store Age** **Popular Science** **A Collection of Technical Papers** *The Air and Space Lawyer* **Advanced Energy Systems, Their Role in Our Future** **Revista Mexicana de Astronomía Y Astrofísica** *The Fabric of Cultures* **Machine Learning and Data Mining in Pattern Recognition** *World Radio TV Handbook IAF90-481 - IAF90-518 Proceedings - World Conference on Continuing Engineering Education* **River Flow ... Proceedings** **Comsat Technical Review**

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better. Communication, Management and Information Technology contains the contributions presented at the International Conference on Communication, Management and Information Technology (ICCMIT 2016, Cosenza, Italy, 26-29 April 2016, organized by the Universal Society of Applied Research (USAR). The book aims at researchers, scientists, engineers, and scholar students interested or involved in Computer Science and Systems, Communication, and Management. NOTE: NO FURTHER DISCOUNT FOR THIS PRINT PRODUCT--OVERSTOCK SALE --Significantly reduced list price while supplies last The Erosion and Sedimentation Manual provides a comprehensive coverage of subjects in nine chapters (i.e., introduction, erosion and reservoir sedimentation, noncohesive sediment transport, cohesive sediment transport, sediment modeling for rivers and reservoirs, sustainable development and use of reservoirs, river process and restoration, dam decommissioning and sediment management, and reservoir surveys and data analysis). Each chapter is self-contained, with cross references of subjects that are discussed in different chapters of this manual. The manual also includes a list of commonly used notations used in the erosion and sedimentation literature, conversion factors between the Imperial and metric units, physical properties of water, and author and subject indexes for easy reference. Each chapter has a list of reference for readers who would like to seek out more detailed information on specific subjects. Audience The manual would be useful for researchers, university professors, graduate students, geologists, hydrographic survey analysts, municipal and state water research specialists, and engineers in solving erosion and sedimentation problems. Related products: Earth Science resources collection can be found here: <https://bookstore.gpo.gov/catalog/science-technology/earth-science> Data Science for Wind Energy provides an in-depth discussion on how data science methods can improve decision making for wind energy applications, near-ground wind field analysis and forecast, turbine power curve fitting and performance analysis, turbine reliability assessment, and maintenance optimization for wind turbines and wind farms. A broad set of data science methods covered, including time series models, spatio-temporal analysis, kernel regression, decision trees, kNN, splines, Bayesian inference, and importance sampling. More importantly, the data science methods are described in the context of wind energy applications, with specific wind energy examples and case studies. Features Provides an integral treatment of data science methods and wind energy applications Includes specific demonstration of particular data science methods and their use in the context of addressing wind energy needs Presents real data, case studies and computer codes from wind energy research and industrial practice Covers material based on the author's ten plus years of academic research and insights For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce. 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. Fashion is both public and private, material and symbolic, always caught within the lived experience and providing an incredible tool to study culture and history. The Fabric of Cultures examines the impact of fashion as a manufacturing industry and as a culture industry that shapes the identities of nations and cities in a cross-cultural perspective, within a global framework. The collected essays investigate local and global economies, cultures and identities and the book offers for the first time, a wide spectrum of case studies which focus on a diversity of geographical spaces and places, from global capitals of fashion such as New York, to countries less known or identifiable for fashion such as contemporary Greece and soviet Russia. Highly illustrated and including essays from all over the world, The Fabric of Cultures provides a comprehensive survey of the latest interdisciplinary scholarship on fashion, identity and globalisation. This volume chronicles the evolution of commercial, military, national and international communication satellites. The text covers nine categories of communication satellites and provides technical details of each type of satellite launched by 1995. Here are the refereed proceedings of the 5th International IFIP-TC6 Networking Conference, NETWORKING 2006. The 88 revised full papers and 31 poster papers are organized in topical sections on caching and content management, mobile ad-hoc networks, mobility/handoff, monitoring/measurements, multicast, multimedia, optical networks, peer-to-peer, resource management and QoS, routing, topology and location awareness, traffic engineering, transport protocols, wireless networks, and wireless sensor networks.

StarOffice is a full-featured, fully integrated suite of office productivity tools with a strong international following. This volume, which comes with a word processor (StarOffice Writer), spreadsheet application, and drawing and presentation program, addresses the formula editor and a third-party database module that is installed with the software. The potential threat posed by Leonid meteoroids to orbiting spacecraft over the next several years calls for new dynamic mitigation strategies to assist the satellite community in reducing the danger to its vehicles. This book offers deliberate dynamic mitigation strategies to complement the traditional shielding strategies, providing mission operators additional ways to decrease the danger. Five different attitude control and orbit maneuvering options are examined in detail. The information is presented in algorithmic form to allow technically competent, but meteoroid inexperienced, operators to easily understand the phenomena, assess the danger, and implement procedures. Although general in scope, the book emphasizes the Leonid meteor events of the 1998-2002 timeframe. Ever wondered what the state of the art is in machine learning and data mining? Well, now you can find out. This book constitutes the refereed proceedings of the 5th International Conference on Machine Learning and Data Mining in Pattern Recognition, held in Leipzig, Germany, in July 2007. The 66 revised full papers presented together with 1 invited talk were carefully reviewed and selected from more than 250 submissions. The papers are organized in topical sections. This thesis presents an investigation of the design and evaluation of the generalized storage aware routing (GSTAR) protocol proposed for use in the MobilityFirst future Internet architecture. The GSTAR protocol uses in-network storage to improve service quality and throughput in wireless access networks with varying radio link quality and/or disconnection. These gains are achieved using a combination of short-term buffering at routers to smooth out fluctuations in path quality along with delay-tolerant storage, to overcome total disconnection of the mobile device. The performance of the GSTAR protocol is evaluated for exemplary wireless access network scenarios using ns-3 based simulation models, and key design parameters are investigated. Each node in GSTAR maintains two kinds of topology information. The intra-partition graph contains information about path quality between nodes in the current partition of the network. The path quality is determined using two metrics: short term and long term expected transmission time (SETT and LETT). Every node compares these two metrics using the store/forward decision threshold and stores the data on finding that the path is degraded with the expectation that it may improve in the future. Inter-partition graph gives a probabilistic view of the connection patterns between nodes in the network. It is used in the event of disconnections or partitions. An ns-3 based simulation model is described which includes nodes with storage, hop-by-hop transport, time-varying wireless channels and mobile users with possible disconnection. The model is used to evaluate different forwarding algorithms in GSTAR. Using a baseline threshold scheme where packets are temporarily stored when $SETT > 1.1 * LETT$, it is shown that the resulting system achieves performance improvements over the baseline with no storage. The threshold algorithm is studied further to consider adaptive settings based on the moving average and other temporal filters of the SETT sequence. The results show that if link quality fluctuations are random, the moving average scheme works well, while an exponentially weighted moving average is recommended for on-off channels with periodic outages. Simulation results are provided in each case, showing the benefit of adaptive threshold settings over the baseline non-adaptive case considered in earlier work. Communication Satellites, Fifth Edition, chronicles the worldwide development of communication satellites over a period of more than four decades. Descriptive text and tabular data are presented for experimental and operational satellites of communications and broadcasting systems of individual nations and international organizations. Descriptions are enhanced by drawings of satellites, communication subsystem block diagrams, and coverage maps. The book includes extensive references and a supplemental bibliography. In biostatistical research and courses, practitioners and students often lack a thorough understanding of how to apply statistical methods to synthesize biomedical and clinical trial data. Filling this knowledge gap, Applied Meta-Analysis with R shows how to implement statistical meta-analysis methods to real data using R. Drawing on their extensive This book discusses in detail the concepts of recycling and upcycling and their implications for the textiles and fashion sector. In addition to the theoretical concepts, the book also presents various options for recycling and upcycling in textiles and fashion. Although recycling is a much-developed and widely used concept, upcycling is also gaining popularity in the sector. Review of the First Edition: The authors strive to reduce theory to a minimum, which makes it a self-learning text that is comprehensible for biologists, physicians, etc. who lack an advanced mathematics background. Unlike in many other textbooks, R is not introduced with meaningless toy examples; instead the reader is taken by the hand and shown around some analyses, graphics, and simulations directly relating to meta-analysis... A useful hands-on guide for practitioners who want to familiarize themselves with the fundamentals of meta-analysis and get started without having to plough through theorems and proofs. —Journal of Applied Statistics Statistical Meta-Analysis with R and Stata, Second Edition provides a thorough presentation of statistical meta-analyses (MA) with step-by-step implementations using R/Stata. The authors develop analysis step by step using appropriate R/Stata functions, which enables readers to gain an understanding of meta-analysis methods and R/Stata implementation so that they can use these two popular software packages to analyze their own meta-data. Each chapter gives examples of real studies compiled from the literature. After presenting the data and necessary background for understanding the applications, various methods for analyzing meta-data are introduced. The authors then develop analysis code using the appropriate R/Stata packages and functions. What's New in the Second Edition: Adds Stata programs along with the R programs for meta-analysis Updates all the statistical meta-analyses with R/Stata programs Covers fixed-effects and random-effects MA, meta-regression, MA with rare-event, and MA-IPD vs MA-SS Adds five new chapters on multivariate MA, publication bias, missing data in MA, MA in evaluating diagnostic accuracy, and network MA Suitable as a graduate-level text for a meta-data analysis course, the book is also a valuable reference for practitioners and biostatisticians (even those with little or no experience in using R or Stata) in public health, medical research, governmental agencies, and the pharmaceutical industry. Deep-Sky Video Astronomy is a concise guide to using modern integrating video cameras for deep-sky viewing and imaging with the kinds of modest telescopes available commercially to amateur astronomers. It includes an introduction and a brief history of the technology, camera types, etc. The authors then examine the pros and cons of this unrefrigerated yet highly efficient technology, which is already beginning to compete with expensive astronomical cooled-chip CCD cameras in quality and ease of use. There is a thorough examination of accessories used to achieve particular results. Examples are focal reducers, Barlow lenses, and optical filters. However, the focus is mostly on the practical side of creating beautiful and detailed astronomical portraits using image-stacking software, enhancement tools like PhotoShop, and creating color images with a black-and-white camera. Practical step-by-step examples supported by tried and trusted tips show how to achieve the best possible deep-sky video portrait! Profiling hundreds of space programmes and their different technologies, Jane's Space Directory enables you to identify thousands of

different commercial and defence applications. Key objectives, developments and technical specifications of available vehicles and systems are reviewed, including the new generation of launch vehicles. Structured around the categorisation of functions and presented for quick comparison and evaluation, each entry comes with accompanying illustrations. Supplier and manufacturer listings help support your market research and procurement requirements. Key content includes: Government and non-government space programmes; Global space industry directory; Civilian operations; Orbital and suborbital launch vehicles; Propulsion; Commercial and military satellites; Planetary and space science; Human space flight; Launch listings; Contractors. For a complete listing of aerospace organisations and personnel around the globe see Jane's International ABC Aerospace Directory.

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