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Commerce Business Daily Thomas Telford

Get an inside look at the changing world of serials management!

Transforming Serials: The Revolution Continues (Parts I and II) will help you navigate the changing landscape in serials with a unique collection of fresh insights, new techniques and tools, and practical solutions. The book documents NASIG's 17th Annual

Conference (2002, Williamsburg, Virginia), examining the ongoing effects technology has on scholarly communications and serial publications; the rapid changes in presentation of information and seamless interfaces; the evolving skills publishers, vendors and librarians need in dealing with information seekers; and the need for cooperation and communication among publishers, vendors and librarians.

Topics addressed in the conference 's workshops and presentations included MARC21, e-journals, ILS conversion, AACR2, subsidized unmediated ordering (SUMO), aggregated databases, library and Internet standards, and Web-based tracking systems. Transforming Serials

examines the future of information access and distribution, the future of digitized materials, and new roles for public service librarians. These conference proceedings of the North American Serials Interest Group, Inc. (NASIG) reflect the diverse interests of the serials community, promoting communication, information, and continuing education about serials and the broader issues of scholarly communication. Topics discussed in the book include: the future of information access and distribution the future of digitized materials open URL and SFX open linking e-journal subscription management systems managing electronic serials, outsourcing, and new products in the marketplace e-journals and citation

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patterns cataloging serials reproductions cataloging serials for consortium catalogs periodical check-in and much more! Transforming Serials: The Revolution Continues (Parts I and II) is an essential resource for anyone who's joined the revolution in serials management, including librarians, publishers, vendors, educators, database producers, and library systems representatives.

*The Manual of Bridge Engineering*  
Bloomsbury Academic

The ultimate coverstitch guide to help you master the coverstitch machine and create beautiful, professional-quality, garments. Fully illustrated step-by-step instruction on everything from hemming knits and sewing necklines to jeans making and sewing underwear. Includes chapters on accessories, needles, thread and troubleshooting.

*The Revolution Continues* Springer Nature  
The second edition of the highly acclaimed *Wind Power in Power Systems* has been thoroughly revised and expanded to reflect the latest challenges associated with increasing wind power penetration levels. Since its first release, practical experiences with high wind power penetration levels

have significantly increased. This book presents an overview of the lessons learned in integrating wind power into power systems and provides an outlook of the relevant issues and solutions to allow even higher wind power penetration levels. This includes the development of standard wind turbine simulation models. This extensive update has 23 brand new chapters in cutting-edge areas including offshore wind farms and storage options, performance validation and certification for grid codes, and the provision of reactive power and voltage control from wind power plants. Key features: Offers an international perspective on integrating a high penetration of wind power into the power system, from basic network interconnection to industry deregulation; Outlines the methodology and results of European and North American large-scale grid integration studies; Extensive practical experience from wind power and power system experts and transmission systems operators in Germany, Denmark, Spain, UK, Ireland, USA, China and New Zealand; Presents various wind turbine designs from the electrical perspective and models for their simulation,

and discusses industry standards and world-wide grid codes, along with power quality issues; Considers concepts to increase penetration of wind power in power systems, from wind turbine, power plant and power system redesign to smart grid and storage solutions. Carefully edited for a highly coherent structure, this work remains an essential reference for power system engineers, transmission and distribution network operator and planner, wind turbine designers, wind project developers and wind energy consultants dealing with the integration of wind power into the distribution or transmission network. Up-to-date and comprehensive, it is also useful for graduate students, researchers, regulation authorities, and policy makers who work in the area of wind power and need to understand the relevant power system integration issues.

*ICE Manual of Bridge Engineering* John Wiley & Sons

*WRITING THE RESEARCH PAPER*—now with access to InfoTrac® College Edition—is an easily accessible research guide that can be used by students throughout their college career and beyond.

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Data Lake for Enterprises Trafalgar Square Publishing

“ Do away with patterns and embrace your creative spirit with this vibrant and fun book. ” —Quilting Arts With simple design principles, you can create unique improvisational quilts. Without using patterns, learn five easy piecing techniques for your improvisational toolbox (including circles, blocks, and strips), and watch the art unfold before your eyes. Focus on color combos and negative space to discover your personal style—and then add dazzling texture with free-motion quilting. Also included is information on hanging finished art quilts without a sleeve, plus tried and true improv tips to encourage creative play. Unequal Freedom C&T Publishing Inc This book addresses reliability, maintenance, risk, and safety issues of industrial systems with applications of the latest decision-making techniques. Thus, this book presents chapters that apply advanced tools, techniques, and computing models for optimizing the performance of industrial and manufacturing systems,

along with other complex engineering equipment. Computing techniques like data analytics, failure mode and effects analysis, fuzzy set theory, petri-net, multi-criteria decision-making (MCDM), and soft computing are used for solving problems of reliability, risk, and safety related issues. What Does History Teach? Routledge Addresses key topic within bridge engineering, from history and aesthetics to design, construction and maintenance issues. This book is suitable for practicing civil and structural engineers in consulting firms and government agencies, bridge contractors, research institutes, and universities and colleges.

Singer Dressmaking Guide Packt Publishing Ltd

Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it ' s practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.

Hand Sewing Clothing Make the Most of Your Sewing Machine

Make the Most of Your Sewing Machine B T Batsford Limited The Complete Computer Sewing Book Trafalgar Square Publishing The Spectator life by states

manual Mergent International Manual The Albany Hand-book A Strangers' Guide and Residents' Manual ... Transforming Serials The Revolution Continues Routledge Popular Photography Heinle A practical guide to implementing your enterprise data lake using Lambda Architecture as the base About This Book Build a full-fledged data lake for your organization with popular big data technologies using the Lambda architecture as the base Delve into the big data technologies required to meet modern day business strategies A highly practical guide to implementing enterprise data lakes with lots of examples and real-world use-cases Who This Book Is For Java developers and architects who would like to implement a data lake for their enterprise will find this book useful. If you want to get hands-on experience with the Lambda Architecture and big data technologies by implementing a practical solution using these technologies, this book will also help you. What You Will Learn Build an enterprise-level data lake using the relevant big data technologies Understand the core of the Lambda architecture and how to apply it in an enterprise Learn the technical details around Sqoop and its functionalities Integrate Kafka with Hadoop components to acquire enterprise data Use flume with streaming technologies for stream-based processing Understand stream- based processing with reference to Apache Spark Streaming Incorporate Hadoop components and know the

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advantages they provide for enterprise data lakes  
Build fast, streaming, and high-performance applications using Elasticsearch Make your data ingestion process consistent across various data formats with configurability Process your data to derive intelligence using machine learning algorithms In Detail The term "Data Lake" has recently emerged as a prominent term in the big data industry. Data scientists can make use of it in deriving meaningful insights that can be used by businesses to redefine or transform the way they operate. Lambda architecture is also emerging as one of the very eminent patterns in the big data landscape, as it not only helps to derive useful information from historical data but also correlates real-time data to enable business to take critical decisions. This book tries to bring these two important aspects — data lake and lambda architecture—together. This book is divided into three main sections. The first introduces you to the concept of data lakes, the importance of data lakes in enterprises, and getting you up-to-speed with the Lambda architecture. The second section delves into the principal components of building a data lake using the Lambda architecture. It introduces you to popular big data technologies such as Apache Hadoop, Spark, Sqoop, Flume, and Elasticsearch. The third section is a highly practical demonstration of putting it all together, and shows you how an enterprise data lake can be implemented, along with several real-world use-cases. It also shows you how other peripheral components can be added to the lake to make it

more efficient. By the end of this book, you will be able to choose the right big data technologies using the lambda architectural patterns to build your enterprise data lake. Style and approach The book takes a pragmatic approach, showing ways to leverage big data technologies and lambda architecture to build an enterprise-level data lake. The Albany Hand-book JHU Press In 2009, President Obama spotlighted nuclear terrorism as one of the top threats to international security, launching an international effort to identify, secure, and dispose of global stocks of weapons-usable nuclear materials—namely highly enriched uranium and weapons-grade plutonium. Since that time, three nuclear security summits have been held, along with scores of studies and workshops (official and unofficial), drawing sustained high-level attention to the threat posed by these materials. However, little attention has been given to incidences where sensitive nuclear materials actually went missing. This volume seeks to correct this deficiency, examining incidences of material unaccounted for (MUF) arising from the U.S. and South African nuclear weapons programs, plutonium gone missing from Japanese and British civilian production

facilities, and a theft of highly enriched uranium from a U.S. military contractor in the 1960s that was used to help fuel Israel's nuclear weapons program. This volume also questions the likelihood that the International Atomic Energy Agency would be able to detect diversions of fissile materials, whether large or small, and the likelihood that a state could or would do anything about the diversion if it was detected. What emerges from this book is an assessment of how likely we are to be able to account for past MUF quantities or to be able to prevent future ones. Master the Coverstitch Machine B T Batsford Limited For those seeking a slower, gentler way to make clothes, this book will serve as a guide to sewing clothing by hand -- without use of a sewing machine. Learn the techniques needed to stitch sturdy, modern adult clothing by hand. Ponder the bigger picture with several contextual essays, and then settle in for storytime, as you read a set of stories about hand-sewn clothes. Hand sewing clothing can be a radical act of slow fashion. Reclaim the democratic, accessible, ancient power of sewing that

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needs no machine.

Popular Photography Springer

Many of the earliest books, particularly those dating back to the 1900s and before, are now extremely scarce and increasingly expensive. We are republishing these classic works in affordable, high quality, modern editions, using the original text and artwork.

National Directory of Newsletters and Reporting Services Harvard University Press

The inequalities that persist in America have deep historical roots. Evelyn Nakano Glenn untangles this complex history in a unique comparative regional study from the end of Reconstruction to the eve of World War II. During this era the country experienced enormous social and economic changes with the abolition of slavery, rapid territorial expansion, and massive immigration, and struggled over the meaning of free labor and the essence of citizenship as people who previously had been excluded sought the promise of economic freedom and full political rights. After a lucid overview of the concepts of the free worker and the independent citizen at the national level, Glenn vividly details how race and gender issues framed the struggle over labor and citizenship rights at the local level

between blacks and whites in the South, Mexicans and Anglos in the Southwest, and Asians and haoles (the white planter class) in Hawaii. She illuminates the complex interplay of local and national forces in American society and provides a dynamic view of how labor and citizenship were defined, enforced, and contested in a formative era for white-nonwhite relations in America.

Wind Power in Power Systems Thomas Telford Services Limited

- Bridge type, behaviour and appearance  
David Bennett, David Bennett Associates ·  
History of bridge development · Bridge form  
· Behaviour - Loads and load distribution  
Mike Ryall, University of Surrey · Brief history of loading specifications · Current code specification · Load distribution concepts · Influence lines - Analysis Professor R Narayanan, Consulting Engineer · Simple beam analysis · Distribution co-efficients · Grillage method · Finite elements · Box girder analysis: steel and concrete · Dynamics  
- Design of reinforced concrete bridges Dr Paul Jackson, Gifford and Partners · Right slab · Skew slab · Beam and slab · Box - Design of prestressed concrete bridges Nigel Hewson, Hyder Consulting · Pretensioned beams · Beam and slab · Pseudo slab · Post tensioned concrete beams · Box girders -

Design of steel bridges Gerry Parke and John Harding, University of Surrey · Plate girders · Box girders · Orthotropic plates · Trusses - Design of composite bridges David Collings, Robert Benaim and Associates · Steel beam and concrete · Steel box and concrete · Timber and concrete - Design of arch bridges Professor Clive Melbourne, University of Salford · Analysis · Masonry · Concrete · Steel · Timber - Seismic analysis of design Professor Elnashai, Imperial College of Science, Technology and Medicine · Modes of failure in previous earthquakes · Conceptual design issues · Brief review of seismic design codes - Cable stayed bridges - Daniel Farquhar, Mott Macdonald · Analysis · Design · Construction - Suspension bridges Vardaman Jones and John Howells, High Point Rendel · Analysis · Design · Construction - Moving bridges Charles Birnstiel, Consulting engineer · History · Types · Special problems - Substructures Peter Lindsell, Peter Lindsell and Associates · Abutments · Piers - Other structural elements Robert Broome et al, WS Atkins · Parapets · Bearings · Expansion joints - Protection Mike Mulheren, University of Surrey · Drainage · Waterproofing · Protective coating/systems for concrete · Painting system for steel · Weathering steel · Scour

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protection · Impact protection - Management systems and strategies Perrie Vassie, Transport Research Laboratory · Inspection · Assessment · Testing · Rate of deterioration · Optimal maintenance programme · Prioritisation · Whole life costing · Risk analysis - Inspection, monitoring, and assessment Charles Abdunur, Laboratoire Central Des Ponts et Chaussées · Main causes of deterioration · Investigation methods · Structural evaluation tests · Stages of structural assessment · Preparing for recalculation - Repair and Strengthening John Darby, Consulting Engineer · Repair of concrete structures · Metal structures · Masonry structures · Replacement of structures

Walking Foot Quilting Designs RainbowSA  
“ A rigorously researched, richly etched re-creation of the formation of the all-black Ninety-third Infantry Division, which fought in the Pacific theater. ” —Journal of American History This fascinating history shows how African-American military men and women seized their dignity through barracks culture and community politics during and after World War II. Drawing on oral testimony, unpublished correspondence, archival records, memoirs,

and diaries, Robert F. Jefferson explores the curious contradiction of war-effort idealism and entrenched discrimination through the experiences of the 93rd Infantry Division. Led by white officers and presumably unable to fight—and with the army taking great pains to regulate contact between black soldiers and local women—the division was largely relegated to support roles during the advance on the Philippines, seeing action only later in the war when U.S. officials found it unavoidable. Jefferson discusses racial policy within the War Department, examines the lives and morale of black GIs and their families, documents the debate over the deployment of black troops, and focuses on how the soldiers’ wartime experiences reshaped their perspectives on race and citizenship in America. He finds in these men and their families incredible resilience in the face of racism at war and at home and shows how their hopes for the future provided a blueprint for America’s postwar civil rights struggles. Integrating social history and civil rights movement studies, *Fighting for Hope* examines the ways in which political meaning and identity were

reflected in the aspirations of these black GIs and their role in transforming the face of America. “ A marvelous book. ” —Annals of Iowa  
A Strangers' Guide and Residents' Manual ...

Stereophile