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KEY=MIB - LOPEZ MCCARTY

FUNDAMENTALS OF 5G MOBILE NETWORKS

John Wiley & Sons Fundamentals of 5G Mobile Networks provides an overview of the key features of the 5th Generation (5G) mobile networks, discussing the motivation for 5G and the main challenges in developing this new technology. This book provides an insight into the key areas of research that will define this new system technology paving the path towards future research and development. The book is multi-disciplinary in nature, and aims to cover a whole host of intertwined subjects that will predominantly influence the 5G landscape, including Future Internet, cloud computing, small cells and self-organizing networks (SONs), cooperative communications, dynamic spectrum management and cognitive radio, Broadcast-Broadband convergence, 5G security challenge, and green RF. The book aims to be the first of its kind towards painting a holistic perspective on 5G Mobile, allowing 5G stakeholders to capture key technology trends on different layering domains and to identify potential inter-disciplinary design aspects that need to be solved in order to deliver a 5G Mobile system that operates seamlessly as a piece of the 5G networking jigsaw. Key features: • Addresses the fundamentals of 5G mobile networks serving as a useful study guide for mobile researchers and system engineers aiming to position their research in this fast evolving arena. • Develops the Small cells story together with nexti;1/2]generation SON (self-organizing networks) systems as solutions for addressing the unprecedented traffic demand and variations across cells. • Elaborates Mobile Cloud technology and Services for future communication platforms, acting as a source of inspiration for corporations looking for new business models to harness the 5G wave. • Discusses the open issues facing broadi;1/2]scale commercial deployment of white space networks, including the potential for applications towards the future 5G standard. • Provides a scientific assessment for broadcast and mobile broadband convergence coupled together with a 'win-win' convergence solution to harmonize the broadcasting and mobile industry. • Describes the key components, trends and challenges, as well as the system requirements for 5G transceivers to support multi;1/2]standard radio, a source of inspiration for RF engineers and vendors to tie down the requirements and potential solutions for next generation handsets.

MICROPROCESSORS AND MICROCONTROLLERS

ARCHITECTURE, PROGRAMMING AND SYSTEM DESIGN 8085, 8086, 8051, 8096

PHI Learning Pvt. Ltd. This book provides the students with a solid foundation in the technology of microprocessors and microcontrollers, their principles and applications. It comprehensively presents the material necessary for understanding the internal architecture as well as system design aspects of Intel's legendary 8085 and 8086 microprocessors and Intel's 8051 and 8096 microcontrollers. The book throughout maintains an appropriate balance between the basic concepts and the skill sets needed for system design. Besides, the book lucidly explains the hardware architecture, the instruction set and programming, support chips, peripheral interfacing, and cites several relevant examples to help the readers develop a complete understanding of industrial application projects. Several system design case studies are included to reinforce the concepts discussed. With exhaustive coverage provided and practical approach emphasized, the book would be indispensable to undergraduate students of Electrical and Electronics, Electronics and Communication, and Electronics and Instrumentation Engineering. It can be used for a variety of courses in Microprocessors, Microcontrollers, and Embedded System Design.

MINNESOTA, NORTH AND SOUTH DAKOTA AND MONTANA GAZETTEER AND BUSINESS DIRECTORY

THE WATER ENGINE

EDITORIAL ALVI BOOKS

Editorial Alvi Books The "water engine" is an invention unfortunately invented many times. Hydrogen from water is very abundant, renewable and can be used in both energy poor and rich countries. Crude oil and natural gas are limited energy resources. But there are many people who think that certain promising technologies have been suppressed by various political or economic powers, usually with the purpose of protecting their investments and interests and, at the already more absurd extremes of the conspiracy illogical, for sinister motivations of much greater scope. In this new work, the versatile composer and writer Van Jaag, accompanies us on an exciting journey through the history of this unknown invention and its invented inventors.

C-XSC

A C++ CLASS LIBRARY FOR EXTENDED SCIENTIFIC COMPUTING

Springer Science & Business Media C-XSC is a tool for the development of numerical algorithms delivering highly accurate and automatically verified results. It provides a large number of predefined numerical data types and operators. These types are implemented as C++ classes. Thus, C-XSC allows high-level programming of numerical applications in C and C++. The most important features of C-XSC are: real, complex, interval, and complex interval arithmetic; dynamic vectors and matrices; subarrays of vectors and matrices; dotprecision data types, predefined arithmetic operators with maximum accuracy; standard functions of high accuracy; multiple precision arithmetic and standard functions; rounding control for I/O data; error handling, and library of problem solving routines with automatic result verification. Thus, C-XSC makes the computer more powerful concerning the arithmetic. C-XSC is immediately usable by C programmers, easy to learn, user-extendable, and may also be combined with other tools. The book can be used as a textbook and as a reference manual. It consists of an introduction to advanced computer arithmetic, a chapter describing the programming languages C and C++, the major chapter "C-XSC Reference", sample programs, and indices.

PROCESS HEAT EXCHANGE

McGraw-Hill

LEKSELL RADIOSURGERY

Karger Medical and Scientific Publishers Since its introduction 52 years ago, Leksell radiosurgery has become a widely applied technique for the management of a diverse group of vascular, neoplastic, and functional disorders. This publication presents an update on state-of-the-art radiosurgery technology, including outcomes, by the pioneers in the field. Experts have contributed chapters on various topics. They provide a history of the development of Leksell Gamma Knife and its evolution from frame-based to the inclusion of mask-based radiosurgery in the latest Gamma Knife model. For beginners, there is valuable information related to imaging, quality assurance, patient care, anesthesia, and regulatory requirements. Advance users will appreciate the summary of the long-term outcome of important indications. Additional chapters on cavernous malformation, orbital, uveal, and ocular disorders clarify the role of radiosurgery. This book is a concise overview for physicians interested in radiosurgery. It will be of great value to neurosurgeons, radiation oncologists, and medical physicists concerned with learning about the indications of radiosurgery.

METHODS IN PRENATAL TOXICOLOGY

EVALUATION OF EMBRYOTOXIC EFFECTS IN EXPERIMENTAL ANIMALS : TERATOLOGY WORKSHOP, APRIL 1977, BERLIN

CONTRACTS, AGREEMENTS AND LEASES

5G AND BEYOND

FUNDAMENTALS AND STANDARDS

Springer Nature This book provides an accessible and comprehensive tutorial on the key enabling technologies for 5G and beyond, covering both the fundamentals and the state-of-the-art 5G standards. The book begins with a historical overview of the evolution of cellular technologies and addresses the questions on why 5G and what is 5G. Following this, six tutorial chapters describe the fundamental technology components for 5G and beyond. These include modern advancements in channel coding, multiple access, massive multiple-input and multiple-output (MIMO), network densification, unmanned aerial vehicle enabled cellular networks, and 6G wireless systems. The second part of this book consists of five chapters that introduce the basics of 5G New Radio (NR) standards developed by 3GPP. These include 5G architecture, protocols, and physical layer aspects. The third part of this book provides an overview of the key 5G NR evolution directions. These directions include ultra-reliable low-latency communication (URLLC) enhancements, operation in unlicensed spectrum, positioning, integrated access and backhaul, air-to-ground communication, and non-terrestrial networks with satellite communication.

GEORGIA MILESTONES ASSESSMENT SYSTEM GRADE 4 SUMMER MATH WORKBOOK

ESSENTIAL SUMMER LEARNING MATH SKILLS PLUS TWO COMPLETE GMAS MATH PRACTICE TESTS

WWW.MathNotion.com Prepare for the GMAS Math test with a perfect workbook! GMAS Summer Math Workbook is a learning math workbook to prevent Summer learning loss. It helps students retain and strengthen their Math skills and provides a strong foundation for success. This workbook provides students with a solid foundation to get ahead starts on their upcoming school year. GMAS Summer Math Workbook is designed by top test prep experts to help students prepare for the GMAS Math test. It provides test-takers with an in-depth focus on the math section of the test, helping them master the essential math skills that test-takers find the most troublesome. This is a prestigious resource for those who need extra practice to succeed on the GMAS Math test in the summer. GMAS Summer Math Workbook contains many exciting and unique features to help your student scores higher on the GMAS Math test, including: Over 2,500 standards-aligned math practice questions with answers Complete coverage of all Math concepts which students will need to ace the GMAS test Content 100% aligned with the latest GMAS test Written by GMAS Math experts 2 full-length GMAS Math practice tests (featuring new question types) with detailed answers This Comprehensive Summer Workbook for the GMAS Math is a perfect resource for those GMAS Math test takers who want to review core content areas, brush up in math, discover their strengths and weaknesses, and achieve their best scores on the GMAS test. Published By: The Math Notion www.mathnotion.com

ON THE TRAIL

(STORIES OF A HUNTER)

Fredonia Books (NL) This book is chiefly addressed to the young reader. The idea in writing the stories was to interest young people in the romance and poetry of hunting, to awaken in them a thirst for roaming about our vast country with knapsack and gun.

ANCIENT PAQUIMÉ AND THE CASAS GRANDES WORLD

University of Arizona Press "Sixteen scholars on both sides of the border present recent research on the economy, history, religion, and far-reaching influence of Casas Grandes. Macaw feathers, copper, shells, ritual mounds, and ball fields all reveal the secrets of Casas Grandes, a massive town whose trading network extended from the Chihuahua Desert up through the American Southwest"--Provided by publisher.

CARLSEN: MOVE BY MOVE

Everyman Chess Despite his relatively young age, Magnus Carlsen has already secured his place in chess history as a legend of the game. In a short space of time his accomplishments have been extraordinary. In December 2012 he broke Garry Kasparov's record to become the highest-rated chess player of all time. He followed up this achievement in 2013 by defeating Vishy Anand to become World Chess Champion. Carlsen's universal style, positional mastery and incredible mental strength add up to make him a formidable opponent. In this book, former American Open Champion Cyrus Lakdawala invites you to join him in a study of his favourite Carlsen games. Lakdawala examines Carlsen's skills in attack and defence, exploiting imbalances, accumulating advantages and endgame play, and shows us how we can all improve by learning from Carlsen's masterpieces. Move by Move provides an ideal platform to study chess. By continually challenging the reader to answer probing questions throughout the book, the Move by Move format greatly encourages the learning and practising of vital skills just as much as the traditional assimilation of knowledge. Carefully selected questions and answers are designed to keep you actively involved and allow you to monitor your progress as you learn. This is an excellent way to improve your chess skills and knowledge.

A HISTORY OF NEUROLOGICAL SURGERY

Martino Pub A History of Neurological surgery from the prehistoric period to the current era.Chapters on: Diagnostic techniques; Techniques of Cranial Surgery; Techniques of Intracranial Surgery; Psychosurgery; Surgery for Pain; Surgery of the Spinal Cord; Surgery of the Peripheral Nerves; Surgery of the Autonomic Nervous System and much more. Profusely illustrated.Octavo. Book xii, 583 p. ill., ports.Baltimore, Williams & Wilkins, 1952

ALAIN BADIOU

KEY CONCEPTS

Routledge Alain Badiou is one of the world's most influential living philosophers. Few contemporary thinkers display his breadth of argument and reference, or his ability to intervene in debates critical to both analytic and continental philosophy. Alain Badiou: Key Concepts presents an overview of and introduction to the full range of Badiou's thinking. Essays focus on the foundations of Badiou's thought, his "key concepts" - truth, being, ontology, the subject, and conditions - and on his engagement with a range of thinkers central to his philosophy, including Plato, Descartes, Spinoza, Heidegger and Deleuze.

THE DAMAGES LOTTERY

Bloomsbury Publishing A man slips on a dance floor and breaks his leg. He recovers damages. A child has both legs amputated as a result of meningitis and is awarded nothing. The law's justification for awarding damages in the first case is that the man's injury was the fault of someone else, while in the second case damages are denied because nobody was at fault. In this searching critique of the present law and practice relating to damages, Professor Patrick Atiyah shows that this system is in fact a lottery. He contends that the public are paying far too much for an unfair and inefficient insurance system and that reform is long overdue. His conclusion is that actions for damages for injuries should be abolished and replaced with a new no-fault road accident scheme, and actions for other injuries should be dealt with by individual or group insurance policies.

SPINE AND PERIPHERAL NERVES

Thieme This volume, part of the second edition of the classic Neurosurgical Operative Atlas series, presents the latest techniques for managing the full range of spinal and peripheral nerve problems. Each chapter addresses a different surgical procedure, guiding the reader through patient selection, preoperative preparation, anesthetic techniques, patient monitoring, and surgical techniques and outcomes. The authors also discuss common complications and offer tips for how to avoid and manage them. Spine and Peripheral Nerves is ideal for residents to study and for established surgeons seeking a quick refresher in preparation for surgery. Neurosurgeons, orthopedists, and plastic surgeons will benefit from the wealth of information provided in this up-to-date clinical reference. Highlights: Renowned experts in the field share their clinical insights and extensive experience Concise, step-by-step descriptions enable the reader to rapidly review techniques More than 750 illustrations and images demonstrate key concepts Organized by anatomical location to aid quick reference Series description: The American Association of Neurological Surgeons and Thieme have collaborated to produce the second edition of the acclaimed Neurosurgical Operative Atlas series. Edited by leading experts in the field, the series covers the entire spectrum of neurosurgery in five volumes. In addition to Spine and Peripheral Nerves, the series also features: Neuro-Oncology, edited by Behnam Badie Vascular Neurosurgery, edited by R. Loch Macdonald Functional Neurosurgery, edited by Philip Starr, Nicholas M. Barbaro, and Paul Larson Pediatric Neurosurgery, edited by James Tait Goodrich

LTE, LTE-ADVANCED AND WiMAX

TOWARDS IMT-ADVANCED NETWORKS

John Wiley & Sons A concise introduction to IMT-Advanced Systems, including LTE-Advanced and WiMAX There exists a strong demand for fully extending emerging Internet services, including collaborative applications and social networking, to the mobile and wireless domain. Delivering such services can be possible only through realizing broadband in the wireless. Two candidate technologies are currently competing in fulfilling the requirements for wireless broadband networks, WiMAX and LTE. At the moment, LTE and its future evolution LTE-Advanced are already gaining ground in terms of vendor and operator support. Whilst both technologies share certain attributes (utilizing Orthogonal Frequency Division Multiple Access (OFDMA) in downlink, accommodating smart antennas and full support for IP-switching, for example), they differ in others (including uplink technology, scheduling, frame structure and mobility support). Beyond technological merits, factors such as deployment readiness, ecosystem maturity and migration feasibility come to light when comparing the aptitude of the two technologies. LTE, LTE-Advanced and WiMAX: Towards IMT-Advanced Networks provides a concise, no-nonsense introduction to the two technologies, covering both interface and networking considerations. More critically, the book gives a multi-faceted comparison, carefully analyzing and distinguishing the characteristics of each technology and spanning both technical and economic merits. A "big picture" understanding of the market strategies and forecasts is also offered. Discusses and critically evaluates LTE, LTE-Advanced and WiMAX (Legacy and Advanced) Gives an overview of the principles and advances of each enabling technology Offers a feature-by-feature comparison between the candidate technologies Includes information which appeals to both industry practitioners and academics Provides an up-to-date report on market and industry status

ESSENTIALS OF COGNITIVE RADIO

Cambridge University Press The key concepts and challenges you need to know about in a quick, practical guide, with minimum mathematics.

SUPER MAW MAW SUPER WIFE SUPER TIRED HAPPINESS

FAMILY LIFE GRANDMA MOM LOVE MARRIAGE FRIENDSHIP PARENTING WEDDING DIVORCE MEMORY DATING JOURNAL BLANK LINED NOTE BOOK GIFT

Family life Journals the Blank Lined Notebook Writing Journal is ideal Gifts who Love day to day writing Notebooks and Capture Thoughts, Or for everyone who wish to surprise their favorite relative on holidays or all year long, but have no time. Family life Journals provide gift ideas for your relatives or loved ones and lets you make your holiday as a memorable one. Creative Taking Notes Journal Explore Your Inner Gratitude Journaling Perfect Gifts for your Relative on your Favorite Holiday, Father's Day, Mother's Day, Christmas, Birthday, Graduate, Education, School, Special Occasion and Everyday A Memorable and Thoughtful Funny Design on the Cover 130 pages Blank Lined Paper Measures 6" x 9" with Softcover Book Binding Black And White Interior Journal Notebook for Women Men Kids Boys Girls Family Childhood, Youth, Coming Of Age, Death, Loss, Grief, Depression, Family Life, Friendship, Love, Marriage, Anniversary, Pregnancy, Spiritual, Travel, Voyage, School, College, University, Career, Workplace, Working, Office, Divorce, Marriage, Parenting, Parent And Children, Dating, Relationships, Singlehood, Single Women, Sister, Wedding, Mom, Dad, Grandpa, Grandma, Brother, Aunt, Daughter, Son, Uncle, Cousin Family Journals provides you year round unique Journals, Diaries, Coloring books, Planners, Picture Books, Sketchbooks, Children Activity Books, Comic, Music and Notebooks that are perfect gifts or your own writings. Get creative with us Capture Your Thoughts in This Reflective Writing Notebook that makes your day as a memorable one! Get your copy today "

MOBILE MULTIMEDIA COMMUNICATIONS

6TH INTERNATIONAL ICST CONFERENCE, MOBIMEDIA 2010, LISBON, PORTUGAL, SEPTEMBER 6-8, 2010. REVISED SELECTED PAPERS

Springer This book constitutes the thoroughly refereed post-conference proceedings of the 6th International ICST Conference on Mobile Multimedia Communications (MOBIMEDIA 2010) held in Lisbon, Portugal, in September 2010, which was accompanied by the First International Workshop on Cognitive Radio and Cooperative Strategies for POWER Saving (C2POWER 2010), the Workshop on Impact of Scalable Video Coding on Multimedia Provisioning (SVCVision 2010), and the First International Workshop on Energy-efficient and Reconfigurable Transceivers (EERT 2010). The 59 revised full papers presented were carefully reviewed and selected from numerous submissions and are organized in topical sections on advanced techniques for video transmission; multimedia distribution; modelling of wireless systems; cellular networks; mobility concepts for IMT-advances (MOBILIA); media independent handovers (MIH-4-MEDIA); and IP-based emergency applications and services for next generation networks (PEACE).

MMWAVE MASSIVE MIMO

A PARADIGM FOR 5G

Academic Press mmWave Massive MIMO: A Paradigm for 5G is the first book of its kind to hinge together related discussions on mmWave and Massive MIMO under the umbrella of 5G networks. New networking scenarios are identified, along with fundamental design requirements for mmWave Massive MIMO networks from an architectural and practical perspective. Working towards final deployment, this book updates the research community on the current mmWave Massive MIMO roadmap, taking into account the future emerging technologies emanating from 3GPP/IEEE. The book's editors draw on their vast experience in international research on the forefront of the mmWave Massive MIMO research arena and standardization. This book aims to talk openly about the topic, and will serve as a useful reference not only for postgraduates students to learn more on this evolving field, but also as inspiration for mobile communication researchers who want to make further innovative strides in the field to mark their legacy in the 5G arena. Contains tutorials on the basics of mmWave and Massive MIMO Identifies new 5G networking scenarios, along with design requirements from an architectural and practical perspective Details the latest updates on the evolution of the mmWave Massive MIMO roadmap, considering future emerging technologies emanating from 3GPP/IEEE Includes contributions from leading experts in the field in modeling and prototype design for mmWave Massive MIMO design Presents an ideal reference that not only helps postgraduate students learn more in this evolving field, but also inspires mobile communication researchers towards further innovation

UNIX IN A NUTSHELL

BERKELEY EDITION ; A DESKTOP QUICK REFERENCE

COGNITIVE RADIO TECHNOLOGY

Academic Press This book gives a thorough knowledge of cognitive radio concepts, principles, standards, spectrum policy issues and product implementation details. In addition to 16 chapters covering all the basics of cognitive radio, this new edition has eight brand-new chapters covering cognitive radio in multiple antenna systems, policy language and policy engine, spectrum sensing, rendezvous techniques, spectrum consumption models, protocols for adaptation, cognitive networking, and information on the latest standards, making it an indispensable resource for the RF and wireless engineer. The new edition of this cutting edge reference, which gives a thorough knowledge of principles, implementation details, standards, policy issues in one volume, enables the RF and wireless engineer to master and apply today's cognitive radio technologies. Bruce Fette, PhD, is Chief Scientist in the Communications Networking Division of General Dynamics C4 Systems in Scottsdale, AZ. He worked with the Software Defined Radio (SDR) Forum from its inception, currently performing the role of Technical Chair, and is a panelist for the IEEE Conference on Acoustics Speech and Signal Processing Industrial Technology Track. He currently heads the General Dynamics Signal Processing Center of Excellence in the Communication Networks Division. Dr. Fette has 36 patents and has been awarded the "Distinguished Innovator Award". * Foreword and a chapter contribution by Joe Mitola, the creator of the field * Discussion of cognitive aids to the user, spectrum owner, network operator * Explanation of capabilities such as time - position awareness, speech and language awareness, multi-objective radio and network optimization, and supporting database infrastructure * Detailed information on product implementation to aid product developers * Thorough descriptions of each cognitive radio component technology provided by leaders of their respective fields, and the latest in high performance analysis - implementation techniques * Explanations of the complex architecture and terminology of the current standards activities * Discussions of market opportunities created by cognitive radio technology

INTEGRATED WIRELESS PROPAGATION MODELS

McGraw Hill Professional FULLY INTEGRATED SOLUTIONS FOR MANAGING WIRELESS NETWORK COVERAGE, CAPACITY, AND COSTS Cowritten by Dr. William C. Y. Lee, one of the original pioneers of wireless technology at Bell Labs, this in-depth guide presents accurate, efficient propagation prediction models to meet the growing demands of next-generation wireless networks. All relevant factors, including terrain, atmospheric conditions, buildings, antenna height, indoor environments, and more, are considered. Integrated Wireless Propagation Models discusses popular prediction models and provides complete details on the Lee macrocell, microcell, and in-building models. The final chapter ties the three Lee models together to produce an integrated Lee model that can be applied to all mobile environments. Throughout the book, complex mathematical models are translated into practical, easy-to-implement solutions. **COVERAGE INCLUDES:** Introduction to modeling mobile signals in wireless communications Macrocell prediction models--area-to-area and point-to-point models Microcell prediction models for both empirical and deterministic methods In-building (picocell) prediction models Integrating the three Lee models into the Lee comprehensive model

MOBILE PHONE PROGRAMMING

AND ITS APPLICATION TO WIRELESS NETWORKING

Springer Science & Business Media This book provides a solid overview of mobile phone programming for readers in both academia and industry. Coverage includes all commercial realizations of the Symbian, Windows Mobile and Linux platforms. The text introduces each programming language (JAVA, Python, C/C++) and offers a set of development environments "step by step," to help familiarize developers with limitations, pitfalls, and challenges.

ADAPTIVE CRYPTOGRAPHIC ACCESS CONTROL

Springer Science & Business Media Cryptographic access control (CAC) is an approach to securing data by encrypting it with a key, so that only the users in possession of the correct key are able to decrypt the data and/or perform further encryptions. Applications of cryptographic access control will benefit companies, governments and the military where structured access to information is essential. The purpose of this book is to highlight the need for adaptability in cryptographic access control schemes that are geared for dynamic environments, such as the Internet. Adaptive Cryptographic Access Control presents the challenges of designing hierarchical cryptographic key management algorithms to implement Adaptive Access Control in dynamic environments and suggest solutions that will overcome these challenges. Adaptive Cryptographic Access Control is a cutting-edge book focusing specifically on this topic in relation to security and cryptographic access control. Both the theoretical and practical aspects and approaches of cryptographic access control are introduced in this book. Case studies and examples are provided throughout this book.

MOBILE CLOUDS

EXPLOITING DISTRIBUTED RESOURCES IN WIRELESS, MOBILE AND SOCIAL NETWORKS

John Wiley & Sons Includes a preface written by Professor Leonard Kleinrock, Distinguished Professor of Computer Science, UCLA, USA This book discusses and explores the concept of mobile cloud, creating an inspiring research space for exploiting opportunistic resource sharing, and covering from theoretical research approaches to the development of commercially profitable ideas. A mobile cloud is a cooperative arrangement of dynamically connected communication nodes sharing opportunistic resources. In this book, authors provide a comprehensive and motivating overview of this rapidly emerging technology. The book explores how distributed resources can be shared by mobile users in very different ways and for various purposes. The book provides many stimulating examples of resource-sharing applications. Enabling technologies for mobile clouds are also discussed, highlighting the key role of network coding. Mobile clouds have the potential to enhance communications performance, improve utilization of resources and create flexible platforms to share resources in very novel ways. Energy efficient aspects of mobile clouds are discussed in detail, showing how being cooperative can bring mobile users significant energy saving. The book presents and discusses multiple examples of mobile clouds applications, based on both existing commercial initiatives as well as proof-of-concept test-beds. Visions and prospects are also discussed, paving the way for further development. As mobile networks and social networks become more and more reliant on each other, the concept of resource sharing takes a wider and deeper meaning, creating the foundations for a global real-time multidimensional resource pool, the underlying infrastructure for shareconomy. Above all, this is an inspiring book for anyone who is concerned about the future of wireless and mobile communications networks and their relationship with Social networks. **Key Features:** Provides fundamental ideas and promising concepts for exploiting opportunistic cooperation and cognition in wireless and mobile networks Gives clear definitions of mobile clouds from different perspectives Associates mobile and wireless networks with social networks, creating a vast fertile ground for novel developments in both research and practical applications Considers research directions, emerging trends and visions This book is an excellent resource for wireless/networking researchers in industry and academia, students and mobile phone programmers. Managers interested in new technology developments, service providers, network operators, and those working in the gaming industry will also find the book insightful.

PSYCHOANALYSIS AND BLACK NOVELS

DESIRE AND THE PROTOCOLS OF RACE

Oxford University Press Although psychoanalytic theory is one of the most potent and influential tools in contemporary literary criticism, to date it has had very little impact on the study of African American literature. Critical methods from the disciplines of history, sociology, and cultural studies have dominated work in the field. Now, in this exciting new book by the author of *Domestic Allegories: The Black Heroine's Text at the Turn of the Century*, Claudia Tate demonstrates that psychoanalytic paradigms can produce rich and compelling readings of African American textuality. With clear and accessible summaries of key concepts in Freud, Lacan, and Klein, as well as deft reference to the work of contemporary psychoanalytic critics of literature, Tate explores African- American desire, alienation, and subjectivity in neglected novels by Emma Kelley, W.E.B. Du Bois, Richard Wright, Zora Neale Hurston, and Nella Larsen. Her pioneering approach highlights African American textual realms within and beyond those inscribing racial oppression and modes of black resistance. A superb introduction to psychoanalytic theory and its applications for African American literature and culture, this book creates a sophisticated critical model of black subjectivity and desire for use in the study of African American texts.

RACHELLE

PERSONALIZED LINED JOURNAL - COLORFUL FLORAL WATERFALL (CUSTOMIZED NAME GIFTS)

THE BOOK TITLE ABOVE FOR MORE NAMES (OVER 1,500 AVAILABLE) A cascade of flowers decorates this beautiful 6x9 line journal. And it is already personalized with her name. It makes a thoughtful gift idea for a mother, sister, best friend, coworker, bridesmaid, teacher (or even for yourself). 100 lined pages inside with a greyscale graphic of the floral waterfall found on the front.

SEGMENTAL AND PROSODIC ISSUES IN ROMANCE PHONOLOGY

John Benjamins Publishing This volume is a collection of cutting-edge research papers written by well-known researchers in the field of Romance phonetics and phonology. An important goal of this book is to bridge the gap between traditional Romance linguistics with its long and rich tradition in data collection, cross-language comparison, and phonetic variation and laboratory phonology work. The book is organized around three main themes: segmental processes, prosody, and the acquisition of segments and prosody. The various articles provide new empirical data on production, perception, sound change, first and second language learning, rhythm and intonation, presenting a state-of-the-art overview of research in laboratory phonology centred on Romance languages. The Romance data are used to test the predictions of a number of theoretical frameworks such as gestural phonology, exemplar models, generative phonology and optimality theory. The book will constitute a useful companion volume for phoneticians, phonologists and researchers investigating sound structure in Romance languages, and will serve to generate further interest in laboratory phonology.

PARALLEL SORTING ALGORITHMS

Academic Press Parallel Sorting Algorithms explains how to use parallel algorithms to sort a sequence of items on a variety of parallel computers. The book reviews the sorting problem, the parallel models of computation, parallel algorithms, and the lower bounds on the parallel sorting problems. The text also presents twenty different algorithms, such as linear arrays, mesh-connected computers, cube-connected computers. Another example where algorithm can be applied is on the shared-memory SIMD (single instruction stream multiple data stream) computers in which the whole sequence to be sorted can fit in the respective primary memories of the computers (random access memory), or in a single shared memory. SIMD processors communicate through an interconnection network or the processors communicate through a common and shared memory. The text also investigates the case of external sorting in which the sequence to be sorted is bigger than the available primary memory. In this case, the algorithms used in external sorting is very similar to those used to describe internal sorting, that is, when the sequence can fit in the primary memory, The book explains that an algorithm can reach its optimum possible operating time for sorting when it is running on a particular set of architecture, depending on a constant multiplicative factor. The text is suitable for computer engineers and scientists interested in parallel algorithms.

SCALA DATA ANALYSIS COOKBOOK

Packt Publishing Ltd Navigate the world of data analysis, visualization, and machine learning with over 100 hands-on Scala recipes About This Book Implement Scala in your data analysis using features from Spark, Breeze, and Zeppelin Scale up your data analytics infrastructure with practical recipes for Scala machine learning Recipes for every stage of the data analysis process, from reading and collecting data to distributed analytics Who This Book Is For This book shows data scientists and analysts how to leverage their existing knowledge of Scala for quality and scalable data analysis. What You Will Learn Familiarize and set up the Breeze and Spark libraries and use data structures Import data from a host of possible sources and create dataframes from CSV Clean, validate and transform data using Scala to pre-process numerical and string data Integrate quintessential machine learning algorithms using Scala stack Bundle and scale up Spark jobs by deploying them into a variety of cluster managers Run streaming and graph analytics in Spark to visualize data, enabling exploratory analysis In Detail This book will introduce you to the most popular Scala tools, libraries, and frameworks through practical recipes around loading, manipulating, and preparing your data. It will also help you explore and make sense of your data using stunning and insightful visualizations, and machine learning toolkits. Starting with introductory recipes on utilizing the Breeze and Spark libraries, get to grips with how to import data from a host of possible sources and how to pre-process numerical, string, and date data. Next, you'll get an understanding of concepts that will help you visualize data using the Apache Zeppelin and Bokeh bindings in Scala, enabling exploratory data analysis. Discover how to program quintessential machine learning algorithms using Spark ML library. Work through steps to scale your machine learning models and deploy them into a standalone cluster, EC2, YARN, and Mesos. Finally dip into the powerful options presented by Spark Streaming, and machine learning for streaming data, as well as utilizing Spark GraphX. Style and approach This book contains a rich set of recipes that covers the full spectrum of interesting data analysis tasks and will help you revolutionize your data analysis skills using Scala and Spark.

PSYCHOPATHOLOGY

RESEARCH, ASSESSMENT AND TREATMENT IN CLINICAL PSYCHOLOGY

Wiley Global Education Psychopathology has been designed to provide students with a comprehensive coverage of both psychopathology and clinical practice, including extensive treatment techniques for a range of mental health issues. The text is designed to be accessible to students at a range of different learning levels, from first year undergraduates to post-graduate researchers and those undergoing clinical training. Psychopathology is primarily evidence and research based, with coverage of relevant research from as recently as 2013, making it useful to researchers as well as clinicians. The emphasis in the book is on providing students with a real insight into the nature and experience of mental health problems, both through the written coverage and by providing a range of video material covering personal accounts of mental health problems. The text is integrated with a wide variety of teaching and learning features that will enable facilitators to teach more effectively, and students to learn more comprehensively. Many of these features have been updated for the new edition and new material has been included to reflect the changes in DSM-5. Features include Focus Points that discuss contentious or topical issues in detail, Research Methods boxes showing how clinical psychologists do research on psychopathology, and Case Histories detailing a range of mental health problems. Online resources An all new student website is available at www.wiley-psychopathology.com. The website houses a huge variety of new digital material including more than 50 instructional and supplementary videos covering descriptions of symptoms and aetiologies, examples of diagnosis and diagnostic interviews, recounted personal experiences of people with mental health problems, and discussions and examples of treatment. The site also contains hundreds of new student quizzes, as well as revision flashcards, student learning activities, discussion topics, lists of relevant journal articles (many of which provide free links to relevant articles published in Wiley Blackwell journals), and topics for discussion related to clinical research and clinical practice. A fully updated lecturer test bank has also been developed including over 1,000 questions, as well as suggested essay questions and these can be accessed by instructors on our lecturer book companion site.

STING PIANO SOLOS (SONGBOOK)

Hal Leonard Corporation (Piano Solo Personality). Features 14 of the best from the former Police man, lushly arranged for solo piano: All This Time * Be Still My Beating Heart * Brand New Day * Desert Rose * Englishman in New York * Fields of Gold * Fortress Around Your Heart * Fragile * If You Love Somebody Set Them Free * Love Is Stronger Than Justice (The Munificent Seven) * Shape of My Heart * The Soul Cages * We'll Be Together * When We Dance. Includes a full-page photo of Sting.

INFOSYS

LATEST PLACEMENT SOLVED PAPERS

Praxis Groups Infosys Latest Placement Solved Papers contains five sample Infosys papers based on latest pattern. It is in PDF Format delivered via Amazon Kindle with easily navigable links between questions and answers. Each paper covers the following sections: Quantitative Aptitude Reasoning Ability and Verbal Ability

SEROUS CAVITY FLUID AND CEREBROSPINAL FLUID CYTOPATHOLOGY

Springer Science & Business Media Cytologic diagnosis by examination of exfoliated cells in serous cavity fluids is one of the most challenging areas in clinical cytopathology. Almost 20% of the effusions examined are directly or indirectly related to the presence of malignant disease, with carcinoma of the lung as the most common underlying culprit. This volume published in the Essentials in Cytopathology book series will fulfill the need for an easy-to-use and authoritative synopsis of site specific topics in cytopathology. These

guide books fit into the lab coat pocket, ideal for portability and quick reference. Each volume is heavily illustrated with a full color art program, while the text follows a user-friendly outline format.

RADIOLOGY CASE REVIEW SERIES: SPINE

McGraw-Hill Education / Medical More than 150 spinal radiology cases deliver the best board review possible Part of McGraw-Hill Education's Radiology Case Review Series, this unique resource challenges you to look at a group of images, determine the diagnosis, answer related questions, and gauge your knowledge by reviewing the answer. It all adds up to the best case-based review of spinal imaging available--one that's ideal for certification or recertification, or as an incomparable clinical refresher. Distinguished by a cohesive 2-page design, each volume in this series is filled with cases, annotated images, questions & answers, pearls, and relevant literature references that will efficiently prepare you for virtually any exam topic. The more than 150 cases cover clinically relevant disorders such as neck and back pain, leg numbness, fibrous dysplasia, Sprengel's deformity, neck mass, spina bifida, and lumbar fusion. Radiology Case Review Series Features More than 150 cases for each volume, which consist of: Precise, state-of-the-art images accompanied by questions and answers, descriptions of the entities, insightful clinical pearls, and reference lists Intensive coverage of fundamental radiology principles, the latest diagnostic imaging techniques, radiology equipment, new technologies, and more Unique 2-page design for each case, which features: Images with 5 questions on the right-hand page Magnifications, annotations, and detailed answers on the verso page--a benefit that you'll only find in this exceptional series! Informative, bulleted comments box that provides important additional context for each case Cases organized and coded by difficulty level allowing you to evaluate your proficiency before progressing to the next level. If you're looking for the most complete, well-organized, and efficient case-based review of radiology available--designed to help you ace the boards and optimize patient outcomes--the Radiology Case Review Series belongs on your reference shelf.