

Maddah

Fundamentals and Recent Advances in Nanocomposites Based on Polymers and Nanocellulose brings together the latest research in cellulose-based nanocomposites, covering fundamentals, processing, properties, performance, applications, and the state of the art. The book begins by explaining the fundamentals of cellulose and cellulose-based nanocomposites, including sources, extraction, types, classification, linkages, model structure, model compounds, and characterization techniques. The second part of the book covers the incorporation of cellulose fillers to improve the properties or characteristics of nanocomposites, organized by composite category, including in aerogels, thermoplastic composites, thermoset composites, bioplastic composites, carbon nanofibers, rubber composites, carbon fibers, and foaming materials. Throughout these chapters, there is an emphasis on the latest innovations and application potential. Finally, applications are explored in more detail, notably focusing on the utilization of nanocellulose in biodegradable composites for biomedical applications, along with other important industrial application areas. This book is of great interest to researchers, scientists, and advanced students working with bio-based materials, and across polymer science, nanomaterials, composite materials, plastics engineering, chemical engineering, materials science and engineering, as well as R&D professionals, engineers, and industrialists interested in the development of bio-based materials for advanced applications or material commercialization. Presents the fundamentals of cellulose-based nanocomposites, including sources, extraction, types, classification, linkages, structure, compounds, and characterization. Discusses and analyzes the most suitable fabrication methods and processing techniques for cellulose as a reinforcement in a range of composites. Opens the door to a range of cutting-edge applications and considers key aspects such as cost, lifecycle, and biodegradability.

Brain Mapping: A Comprehensive Reference offers foundational information for students and researchers across neuroscience. With over 300 articles and a media rich environment, this resource provides exhaustive coverage of the methods and systems involved in brain mapping, fully links the data to disease (presenting side by side maps of healthy and diseased brains for direct comparisons), and offers data sets and fully annotated color images. Each entry is built on a layered approach of the content – basic information for those new to the area and more detailed material for experienced readers. Edited and authored by the leading experts in the field, this work offers the most reputable, easily searchable content with cross referencing across articles, a one-stop reference for students, researchers and teaching faculty. Broad overview of neuroimaging concepts with applications across the neurosciences and biomedical research Fully annotated color images and videos for best comprehension of concepts Layered content for readers of different levels of expertise Easily searchable entries for quick access of reputable information Live reference links to ScienceDirect, Scopus and PubMed

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List of members in v. 1-2, 9-10, 15-18.

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Takdir telah mempertemukan kami, seorang manusia biasa dengan lima anak kecil yang pernah menjadi manusia. Menjalani hubungan lebih dari sekedar persahabatan. Darah kami berbeda, jasad kami berbeda, jasad kami berbeda, langkah kami tak sama, tapi sebuah benang telah mengikat hati kami—tak terpisahkan. Namun kini, aku merasa persahabatan ini menjadi kian rumit. Terlalu banyak perasaan yang terlibat di dalamnya. Seharusnya, aku tak perlu mengurus hal seperti ini. Masih banyak masalah realistik yang perlu kuselesaikan. Ingin rasanya berani bicara, “Tempat kalian bukan di sini, pulanglah ketempat yang seharusnya!” Tapi...aku tak tahu harus menjawab apa jika mereka bertanya... “Kami harus pulang ke mana?” *** Maddah adalah novel kedua Risa Saraswati, sekaligus sekuel langsung dari Gerbang Dialog Danur. Ikuti terus kisah persahabatan Risa dengan mereka yang kadang membawa tawa, haru, hingga perasaan seram.... Buku Persembahan Penerbit Bukune

The book examines how Fog will change the information technology industry in the next decade. Fog distributes the services of computation, communication, control and storage closer to the edge, access and users. As a computing and networking architecture, Fog enables key applications in wireless 5G, the Internet of Things, and big data. The authors cover the fundamental tradeoffs to major applications of fog. The book chapters are designed to motivate a transition from the current cloud architectures to the Fog (Chapter 1), and the necessary architectural components to support such a transition (Chapters 2-6). The rest of the book (Chapters 7-xxx) are dedicated to reviewing the various 5G and IoT applications that will benefit from Fog networking. This volume is edited by pioneers in Fog and includes contributions by active researchers in the field. Covers fog technologies and describes the interaction between fog and cloud Presents a view of fog and IoT (encompassing ubiquitous computing) that combines the aspects of both industry and academia Discusses the various architectural and design challenges in

coordinating the interactions between M2M, D2D and fog technologies "Fog for 5G and IoT" serves as an introduction to the evolving Fog architecture, compiling work from different areas that collectively form this paradigm

Implementation and commentary of Islamic law in Johor, Malaysia.

The representation of prophets and saints in Islam is erroneously considered nonexistent by many scholars of Islam, Muslims, and the general public. The issue is often dealt with superficially without attention to its deep roots in piety and religiosity. Visualizing Belief and Piety in Iranian Shiism offers new understanding of Islamic iconography and Muslim perspectives on the use of imageries in ritual contexts and devotional life. Combining iconographic and ethnographic approaches, Ingvild Flaskerud introduces and analyzes imageries (tile-paintings, posters and wall-hangings), ritual contexts and interviews with male and female local viewers to discuss the representation, reception and function of imageries in contemporary Iranian Shia environments. This book presents the argument that images and decorative programmes have stimulating qualities to mentally evoke the saints in the minds of devotees and inspire their recollection, transforming emotions and stimulating cultic behaviours. Visualization and seeing are significant to the dissemination of religious knowledge, the understanding of spiritual and ethical values, the promotion of personal piety, and functions as modes of venerating God and the saints.

Arabic: An Essential Grammar is an up-to-date and practical reference guide to the most important aspects of the language. Suitable for beginners, as well as intermediate students, this book offers a strong foundation for learning the fundamental grammar and structure of Arabic. The complexities of the language are set out in short, readable sections, and exercises and examples are provided throughout. The book is ideal for independent learners as well as for classroom study. Features of this book include: coverage of the Arabic script and alphabet a chapter on Arabic handwriting a guide to pronunciation full examples throughout.

Today, almost a generation has passed since the Iran–Iraq war and the memory of it is set to diminish with each passing generation. The following questions emerge. Can we say that the gradual disappearance of war's memory means that, increasingly, Iranians will see the Iran–Iraq war solely as an historical event? How can we defend or reject this idea? Today, with which elements and values should we look at the Iran–Iraq war memorials and ceremonies? To what extent will war museums and materials culture be influenced by these new values? In the period during and immediately after the Iran–Iraq war (1980-88), national bereavement and commemoration of martyrs was neither apparent in common state policy nor a social need. Even at the turn of the 21st century, anyone walking through Iranian cities, many of which had been the main scene of the bloody massacre and direct targets of the Iraqi Republican Guard, will have found traces of the terrible, almost unimaginable, human losses. However, today's Iranians can see modern war memorials and monuments in many parts of the urban and rural landscape. Yet, at the same time, the changing landscape has separated Iranians from such remnants of the violence. It can be argued that many people, in their wish to look forward to a more hopeful future, do not wish to be reminded of this period in Iranian history. This book was originally published as a special issue of Visual Anthropology.

This book brings together a group of visionaries and technical experts from academia to industry to discuss the applications and technologies that will comprise the next set of cellular advancements (5G). In particular, the authors explore usages for future 5G communications, key metrics for these usages with their target requirements, and network architectures and enabling technologies to meet 5G requirements. The objective is to provide a comprehensive guide on the emerging trends in mobile applications, and the challenges of supporting such applications with 4G technologies.

Interference Alignment: A New Look at Signal Dimensions in a Communication Network provides both a tutorial and a survey of the state-of-art on the topic.

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Discover the latest research results for both uncoded and coded caching techniques in future wireless network design.

'Masterly work ... Leads the reader patiently but directly not merely into Qur'anic writing but into the heart of that Holy Book itself ... By the time we have followed Dr Ahmad to the end of this splendid work we have learned something new and indeed something uplifting about one of the world's great books.' Prof. F. E. Peters, New York University.

In two volumes, Planning Production and Inventories in the Extended Enterprise: A State of the Art Handbook examines production planning across the extended enterprise against a backdrop of important gaps between theory and practice. The early chapters describe the multifaceted nature of production planning problems and reveal many of the core complexities. The middle chapters describe recent research on theoretical techniques to manage these complexities. Accounts of production planning system currently in use in various industries are included in the later chapters. Throughout the two volumes there are suggestions on promising directions for future work focused on closing the gaps.

"A very fine book--contemporary and sophisticated without being trendy."--R. Steven Humphreys, author of Islamic History: A Framework for Inquiry

This new edition of Arabic: An Essential Grammar is an up-to-date and practical reference guide to the most important aspects of the language. Suitable for beginners, as well as intermediate students, the book offers a strong foundation for learning the fundamental grammar and structure of Arabic. The complexities of the language are set out in short, readable sections, while exercises and examples are provided throughout. Features of this new edition include: coverage of the Arabic script and alphabet a chapter on Arabic handwriting a guide to pronunciation full examples throughout. Ideal for independent learners and for classroom study, Arabic: An Essential Grammar is the complete reference guide to the most important aspects of modern literary Arabic.

Commemorating the Battle of Karbala, in which the Prophet Mohammad's grandson Hosayn and seventy-two of his family members and supporters were martyred in 680 CE, is the central religious observance of Shi'i Islam. Though much has been written about the rituals that reenact and venerate Karbala, until now no one has studied women's participation in these observances. This collection of original essays by a multidisciplinary team of scholars analyzes the diverse roles that women have played in the Karbala rituals, as well as the varied ways in which gender-coded symbols have been used within religious and political discourses. The contributors to this volume consider women as participants in and observers of the Karbala rituals in Iran, Iraq, Lebanon, India, Pakistan, and the United States. They find that women's experiences in the Shi'i rituals vary considerably from one community to another, based on regional customs, personal preferences, religious interpretations, popular culture, and socioeconomic background. The authors also examine the gender symbolism within the rituals, showing how it reinforces distinctions between the genders while it also highlights the centrality of women to the symbolic repertory of Shi'ism. Overall, the authors conclude that while Shi'i rituals and symbols have in some ways been used to restrict women's social roles, in other ways they have served to provide

women with a sense of independence and empowerment.

The need for fresh water is increasing with the rapid growth of the world's population. In countries and regions with available water resources, it is necessary to ensure the health and safety of the water supply. However, in countries and regions with limited freshwater resources, priority is given to water supply plans and projects, among which the desalination strategy stands out. In the desalination process, membrane and thermal processes are used to obtain fresh water from salty water that is in abundant amounts in the sea. This book will outline valuable scientific contributions to the new desalination and water treatment technologies to obtain high quality water with low negative environmental impacts and cost. The editors would like to record their sincere thanks to the authors for their contributions.

Jamaica Maddah Goose Visualizing Belief and Piety in Iranian Shiism Bloomsbury Publishing

In this volume the authors present and discuss different aspects of their field researches and experiences in regard to the women's rituals and devotional practices. One of the main aims of this book is to broaden our understanding of women's devotional life, as well as calling attention to its relation to general social change. Most of the contributions are based on field researches, direct observations and rituals participations. This gives the reader a unique opportunity for better understanding of methodological challenges related to gender issues and field research among Muslim communities. --

More than a decade after its initial publication, the groundbreaking anthology *Charlie Chan Is Dead* remains the best available source for contemporary Asian American fiction. Edited by acclaimed novelist and National Book Award nominee Jessica Hagedorn, *Charlie Chan Is Dead 2: At Home in the World* brings together forty-two fresh, fascinating voices in Asian American writing—from classics by Jose Garcia Villa and Wakako Yamauchi to exciting new fiction from Akhil Sharma, Ruth Ozeki, Chang-Rae Lee, Jhumpa Lahiri, and Monique Truong. Sweeping in background and literary style, from pioneering writers to newly emerging voices from the Hmong and Korean communities, these exceptional works celebrate the full spectrum of Asian American experience and identities, transcending stereotypes and revealing the strength and vitality of Asian America today.

While grief is suffered in all cultures, it is expressed differently all over the world in accordance with local customs and beliefs. Music has been associated with the healing of grief for many centuries, with Homer prescribing music as an antidote to sorrow as early as the 7th Century BC. The changing role of music in expressions of grief and mourning throughout history and in different cultures reflects the changing attitudes of society towards life and death itself. This volume investigates the role of music in mourning rituals across time and culture, discussing the subject from the multiple perspectives of music history, music psychology, ethnomusicology and music therapy.

First published in 1988. Routledge is an imprint of Taylor & Francis, an informa company.

The three-volume set LNCS 6891, 6892 and 6893 constitutes the refereed proceedings of the 14th International Conference on Medical Image Computing and Computer-Assisted Intervention, MICCAI 2011, held in Toronto, Canada, in September 2011. Based on rigorous peer reviews, the program committee carefully selected 251 revised papers from 819 submissions for presentation in three volumes. The second volume includes 83 papers organized in topical sections on diffusion weighted imaging, fMRI, statistical analysis and shape modeling, and registration.

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