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This book assesses the normative and practical challenges for artificial intelligence (AI) regulation, offers comprehensive information on the laws that currently shape or restrict the design or use of AI, and develops policy recommendations for those areas in which regulation is most urgently needed. By gathering contributions from scholars who are experts in their respective fields of legal research, it demonstrates that AI regulation is not a specialized sub-discipline, but affects the entire legal system and thus concerns all lawyers. Machine learning-based technology, which lies at the heart of what is commonly referred to as AI, is increasingly being employed to make policy and business decisions with broad social impacts, and therefore runs the risk of causing wide-scale damage. At the same time, AI technology is becoming more and more complex and difficult to understand, making it harder to determine whether or not it is being used in accordance with the law. In light of this situation, even tech enthusiasts are calling for stricter regulation of AI. Legislators, too, are stepping in and have begun to pass AI laws, including the prohibition of automated decision-making systems in Article 22 of the General Data Protection Regulation, the New York City AI transparency bill, and the 2017 amendments to

the German Cartel Act and German Administrative Procedure Act. While the belief that something needs to be done is widely shared, there is far less clarity about what exactly can or should be done, or what effective regulation might look like. The book is divided into two major parts, the first of which focuses on features common to most AI systems, and explores how they relate to the legal framework for data-driven technologies, which already exists in the form of (national and supra-national) constitutional law, EU data protection and competition law, and anti-discrimination law. In the second part, the book examines in detail a number of relevant sectors in which AI is increasingly shaping decision-making processes, ranging from the notorious social media and the legal, financial and healthcare industries, to fields like law enforcement and tax law, in which we can observe how regulation by AI is becoming a reality.

This book showcases cutting-edge research papers from the 7th International Conference on Research into Design (ICoRD 2019) - the largest in India in this area - written by eminent researchers from across the world on design processes, technologies, methods and tools, and their impact on innovation, for supporting design for a connected world. The theme of ICoRD'19 has been "Design for a Connected World". While Design traditionally focused on developing

products that worked on their own, an emerging trend is to have products with a smart layer that makes them context aware and responsive, individually and collectively, through collaboration with other physical and digital objects with which these are connected. The papers in this volume explore these themes, and their key focus is connectivity: how do products and their development change in a connected world? The volume will be of interest to researchers, professionals and entrepreneurs working in the areas on industrial design, manufacturing, consumer goods, and industrial management who are interested in the use of emerging technologies such as IOT, IIOT, Digital Twins, I4.0 etc. as well as new and emerging methods and tools to design new products, systems and services.

Digital sovereignty has become a hotly debated concept. The current convergence of multiple crises adds fuel to this debate, as it contextualizes the concept in a foundational discussion of democratic principles, civil rights, and national identities: is (technological) self-determination an option for every individual to cope with the digital sphere effectively? Can disruptive events provide chances to rethink our ideas of society - including the design of the objects and processes which constitute our techno-social realities? The positions assembled in this volume analyze opportunities for

participation and policy-making, and describe alternative technological practices before and after the pandemic.

This volume provides an overview of communication study, offering theoretical coverage of the broad scope of communication study as well as integrating theory with research. To explicate the integration process, the chapter contributors -- experts in their respective areas -- offer samples in the form of hypothetical studies, published studies, or unpublished research, showing how theory and research are integrated in their particular fields. The book will appeal to graduate students and faculty members who want a thorough overview of not only the field, but also sample research stemming from its various component parts.

Basic Classification

A Probabilistic Perspective

Accelerating Climate Action Refocusing Policies through a Well-being Lens

A Bibliography and Guide to the Literature, 1973-1982

Dead Lies Dreaming

Geomorphology and Management

Political Campaign Communication

In the mountains and jungles of occupied Burma during World War II, British special forces launched a series of secret operations, assisted by parts of the Burmese population. The men of the SOE, trained in

sabotage and guerrilla warfare, worked in the jungle, deep behind enemy lines, to frustrate the puppet Burmese government of Ba Maw and continue the fight against Hirohito's Japan in a theatre starved of resources. Here, Richard Duckett uses newly declassified documents from the National Archives to reveal for the first time the extent of British special forces' involvement - from the 1941 operations until beyond Burma's independence from the British Empire in 1948. Duckett argues convincingly that 'Operation Character' and 'Operation Billet' - large SOE missions launched in support of General Slim's XIV Army offensive to liberate Burma - rank among the most militarily significant of the SOE's secret missions. Featuring a wealth of photographs and accompanying material never before published, including direct testimony recorded by veterans of the campaign and maps from the SOE files, *The SOE in Burma* tells a compelling story of courage and struggle in during World War II

Large Rivers: Geomorphology and Management explores an important topic in geomorphology and sedimentology: the form and function of major rivers. Our knowledge of the big rivers of the world is limited. It is currently difficult to recognise large rivers of the past from relict sedimentary deposits or to structure management policies for long international rivers. This exciting book brings together a set of papers on large rivers of the world, as a unique introduction

to a demanding subject. The book includes thirty chapters and is organised into three sections. The first part is on the environmental requirements for creating and maintaining a major river system. The second is a collection of case studies on 14 large rivers from different continents, covering a range of physical environments. The third section includes chapters on the measurement and management of large rivers. First book to offer in a single volume state-of-the-art knowledge on management and geomorphology of large rivers of the world A pioneering study, pushing the boundaries of our knowledge related to big rivers Includes comprehensive case studies covering the major large rivers of the world including Amazon, Mississippi, Nile, Congo, Indus, and Mekong Written by a leading team of distinguished, international contributors Large Rivers: Geomorphology and Management is essential reading for postgraduate students and researchers in fluvial geomorphology, hydrology, sedimentary geology, and river management. It is also of relevance to engineers and environmental consultants in the private and public sectors working on major rivers of the world. This two-volume book presents an unusually diverse selection of research papers, covering all major topics in the fields of information and communication technologies and related sciences. It provides a wide-angle snapshot of current themes in information and power engineering, pursuing a

cross-disciplinary approach to do so. The book gathers revised contributions that were presented at the 2018 International Conference: Sciences of Electronics, Technologies of Information and Telecommunication (SETIT'18), held on 20–22 December 2018 in Hammamet, Tunisia. This eighth installment of the event attracted a wealth of submissions, and the papers presented here were selected by a committee of experts and underwent additional, painstaking revision. Topics covered include:

- Information Processing
- Human-Machine Interaction
- Computer Science
- Telecommunications and Networks
- Signal Processing
- Electronics
- Image and Video

This broad-scoped approach is becoming increasingly popular in scientific publishing. Its aim is to encourage scholars and professionals to overcome disciplinary barriers, as demanded by current trends in the industry and in the consumer market, which are rapidly leading toward a convergence of data-driven applications, computation, telecommunication, and energy awareness. Given its coverage, the book will benefit graduate students, researchers and practitioners who need to keep up with the latest technological advances.

This book constitutes the refereed proceedings of the Fourth International Workshop on Learning Technology for Education in Cloud, LTEC 2015, held in Maribor, Slovenia, in August 2015. The 24 revised full

papers presented were carefully reviewed and selected from 46 submissions. The papers cover various aspects of technologies for learning, such as MOOC challenges; cooperative learning; learning engineering; learning tools and environments; STEM.

A Simple Guide to Quantitative and High Frequency Trading

New Catholic Encyclopedia

Employee Training & Development

Dairy Microbiology Handbook

A New Critical Paradigm

Learning Technology for Education Challenges

The Works of Thomas Nashe

Building on work in feminist studies, queer studies and critical race theory, this volume challenges the universality of propositions about human nature, by questioning the boundaries between predominant neurotypes and 'others', including dyslexics, autistics and ADHDers. This is the first work of its kind to bring cutting-edge research across disciplines to the concept of neurodiversity. It offers in-depth explorations of the themes of cure/prevention/eugenics; neurodivergent wellbeing; cross-neurotype communication; neurodiversity at work; and challenging brain-bound cognition. It analyses the role of neuro-normativity in theorising agency, and a proposal for a new alliance between the Hearing Voices Movement and neurodiversity. In doing so, we contribute to a cultural imperative to redefine what it means to be human. To this end, we propose a new field of enquiry that finds ways to support the inclusion of neurodivergent perspectives in knowledge production, and which questions the theoretical and mythological assumptions that produce the idea of the neurotypical. Working at the crossroads between sociology,

critical psychology, medical humanities, critical disability studies, and critical autism studies, and sharing theoretical ground with critical race studies and critical queer studies, the proposed new field – neurodiversity studies – will be of interest to people working in all these areas.

The WHO World report on ageing and health is not for the book shelf it is a living breathing testament to all older people who have fought for their voice to be heard at all levels of government across disciplines and sectors. - Mr Bjarne Hastrup President International Federation on Ageing and CEO DaneAge This report outlines a framework for action to foster Healthy Ageing built around the new concept of functional ability. This will require a transformation of health systems away from disease based curative models and towards the provision of older-person-centred and integrated care. It will require the development sometimes from nothing of comprehensive systems of long term care. It will require a coordinated response from many other sectors and multiple levels of government. And it will need to draw on better ways of measuring and monitoring the health and functioning of older populations. These actions are likely to be a sound investment in society's future. A future that gives older people the freedom to live lives that previous generations might never have imagined. The World report on ageing and health responds to these challenges by recommending equally profound changes in the way health policies for ageing populations are formulated and services are provided. As the foundation for its recommendations the report looks at what the latest evidence has to say about the ageing process noting that many common perceptions and assumptions about older people are based on outdated stereotypes. The report's recommendations are anchored in the evidence comprehensive and forward-looking yet eminently practical.

Throughout examples of experiences from different countries are used to illustrate how specific problems can be addressed through innovation solutions. Topics explored range from strategies to deliver comprehensive and person-centred services to older populations to policies that enable older people to live in comfort and safety to ways to correct the problems and injustices inherent in current systems for long-term care.

A comprehensive introduction to machine learning that uses probabilistic models and inference as a unifying approach. Today's Web-enabled deluge of electronic data calls for automated methods of data analysis. Machine learning provides these, developing methods that can automatically detect patterns in data and then use the uncovered patterns to predict future data. This textbook offers a comprehensive and self-contained introduction to the field of machine learning, based on a unified, probabilistic approach. The coverage combines breadth and depth, offering necessary background material on such topics as probability, optimization, and linear algebra as well as discussion of recent developments in the field, including conditional random fields, L1 regularization, and deep learning. The book is written in an informal, accessible style, complete with pseudo-code for the most important algorithms. All topics are copiously illustrated with color images and worked examples drawn from such application domains as biology, text processing, computer vision, and robotics. Rather than providing a cookbook of different heuristic methods, the book stresses a principled model-based approach, often using the language of graphical models to specify models in a concise and intuitive way. Almost all the models described have been implemented in a MATLAB software package—PMTK (probabilistic modeling toolkit)—that is freely available online. The book is suitable

for upper-level undergraduates with an introductory-level college math background and beginning graduate students. As records of the link between a manuscript and the texts it contains, paratexts document many aspects of a manuscript's life: production, transmission, usage, and reception. Comprehensive studies of paratexts are still rare in the field of manuscript studies, and the universal categories of time and space are used to create a common frame for research and comparisons. Contributions in this volume span over three continents and one millennium.

The Special Operations Executive (SOE) in Burma
Yoruba Proverbs

World Military Leaders

Contexts and Practices in a Critical Linguistic Perspective

Reflecting Sunlight to Cool Earth

Landscape as Urbanism

Inside the Black Box

In The Landscape Urbanism Reader Charles Waldheim—who is at the forefront of this new movement—has assembled the definitive collection of essays by many of the field's top practitioners. Fourteen essays written by leading figures across a range of disciplines and from around the world—including James Corner, Linda Pollak, Alan Berger, Pierre Bolanger, Julia Czerniak, and more—capture the origins, the contemporary milieu, and the aspirations of this relatively new field. The Landscape Urbanism Reader is

an inspiring signal to the future of city making as well as an indispensable reference for students, teachers, architects, and urban planners. others. In addition to the hundreds of new signed articles on a wide variety of topics, this new edition also features biographies of contemporary religious figures; thousands of photographs, maps and illustrations; and updated bibliographical citations. The 15th volume is a cumulative index to the entire encyclopedia.

This book is about the Internet of Things in the field of education. Specifically, it focuses on two major topics: IoT (Internet of Things) solutions to support distance education and new pedagogical approaches to support development of computational thinking with educational devices possessing the characteristics of IoT. As the educational landscape has dramatically changed in times of global pandemic, online resources and media, such as IoT, have become increasingly important. This situation compels all educational scholars, researchers and practitioners to search for new solutions, new educational pathways and new

agents for knowledge development to support learning. This book presents the possibilities of IoT as both a catalyst and performance tool for education. The convergence of multiple technologies, real-time analytics, machine learning, commodity sensors, and embedded systems can serve as tools for learning support and this book details exactly how these powerful tools can be utilized to best effect.

When magic and superpowers emerge in the masses, Wendy Deere is contracted by the government to bag and snag supervillains in Hugo Award-winning author Charles Stross' *Dead Lies Dreaming: A Laundry Files Novel*. As Wendy hunts down Imp—the cyberpunk head of a band calling themselves “The Lost Boys”— she is dragged into the schemes of louché billionaire Rupert de Montfort Bigge. Rupert has discovered that the sole surviving copy of the long-lost concordance to the one true *Necronomicon* is up for underground auction in London. He hires Imp’s sister, Eve, to procure it by any means necessary, and in the process, he encounters Wendy Deere. In a tale of

corruption, assassination, thievery, and magic, Wendy Deere must navigate rotting mansions that lead to distant pasts, evil tycoons, corrupt government officials, lethal curses, and her own moral qualms in order to make it out of this chase alive. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

Perspectives from Paratexts

Problems and Prospects

Strategic Latency Unleashed

Digital Involvement in Times of Crises

4th International Workshop, LTEC 2015,

Maribor, Slovenia, August 24-28, 2015,

Proceedings

Classified Catalogue Code

A General Theory

A definitive intellectual history of landscape urbanism It has become conventional to think of urbanism and landscape as opposing one another—or to think of landscape as merely providing temporary relief from urban life as shaped by buildings and infrastructure. But, driven in part by environmental concerns, landscape has recently emerged as a model and medium for the city, with some theorists arguing that landscape architects are the urbanists of our age. In *Landscape as Urbanism*, one of the field's pioneers presents a powerful case for rethinking the city through landscape. Charles Waldheim

traces the roots of landscape as a form of urbanism from its origins in the Renaissance through the twentieth century. Growing out of progressive architectural culture and populist environmentalism, the concept was further informed by the nineteenth-century invention of landscape architecture as a "new art" charged with reconciling the design of the industrial city with its ecological and social conditions. In the late twentieth and early twenty-first centuries, as urban planning shifted from design to social science, and as urban design committed to neotraditional models of town planning, landscape urbanism emerged to fill a void at the heart of the contemporary urban project. Generously illustrated, *Landscape as Urbanism* examines works from around the world by designers ranging from Ludwig Hilberseimer, Andrea Branzi, and Frank Lloyd Wright to James Corner, Adriaan Geuze, and Michael Van Valkenburgh. The result is the definitive account of an emerging field that is likely to influence the design of cities for decades to come.

While most of the more recent influential work on swearing has concentrated on English and other languages from the Global North, looking at forms and functions of swear words, this contribution redirects the necessary focus onto a sociolinguistics of swearing that puts transgressive practices in non-Western languages into the focus. The transdisciplinary volume contains innovative case studies that address swearing and cursing in parts of the world characterized by consequences of colonialism and increasingly debated inequalities. Turning away from more conventional and established methodologies and theoretical approaches, the book envisages to address transgressive linguistic practices, performances and contexts in Africa, Asia,

America and Europe –including individuals' creativity, subversive power and agency. Due to its interdisciplinary and non-mainstream focus, this volume is an essential addition to the field of studies.

Pfeffer argues that the world of organizations has changed in several important ways, including the increasing externalization of employment and the growing use of contingent workers; the changing size distribution of organizations, with a larger proportion of smaller organizations; the increasing influence of external capital markets on organizational decision-making and a concomitant decrease in managerial autonomy; and increasing salary inequality within organizations in the US compared both to the past and to other industrialized nations. These changes and their public policy implications make it especially important to understand organizations as social entities. But Pfeffer questions whether the research literature of organization studies has either addressed these changes and their causes or made much of a contribution to the discussion of public policy.

Throughout the world, milk and milk products are indispensable components of the food chain. Not only do individual consumers use liquid milk for beverages and cooking, but food manufacturers use vast quantities of milk powder, concentrated milks, butter, and cream as raw materials for further processing. Effective quality assurance in the dairy industry is needed now more than ever. This completely revised and expanded Third Edition of Dairy Microbiology Handbook, comprising both Volume I: Microbiology of Milk and Volume II: Microbiology of Milk Products, updates the discipline's authoritative text with the latest safety research, guidelines, and information. Pathogens have

become a major issue in dairy manufacturing. Escheria coli is a concern, and milk-borne strains of Mycobacterium avium sub-sp. paratuberculosis have been identified as a possible cause of Crohn's disease. Even little-known parasites like Cryptosporidium have caused disease outbreaks. Consequently, a hazard analysis of selected control/critical points (HACCP) in any manufacturing process has become essential to prevent the contamination of food. This volume also:

- Discusses new diagnostic techniques that allow a pathogen to be detected in a retail sample in a matter of hours rather than days
- Provides thorough coverage of dairy microbiology principles as well as practical applications
- Includes the latest developments in dairy starter cultures and genetic engineering techniques
- Offers completely updated standards for Good Manufacturing Practice

Quality control and product development managers, microbiologists, dairy scientists, engineers, and graduate students will find the Third Edition of Dairy Microbiology Handbook to be a vital resource.

An Integrated Approach to Communication Theory and Research

Environmental Engineering and Computer Application
Proceedings of the 8th International Conference on Sciences of Electronics, Technologies of Information and Telecommunications (SETIT'18), Vol.1

Climate Intervention

Biological Materials of Marine Origin

8th International Workshop, LTEC 2019, Zamora, Spain, July 15–18, 2019, Proceedings

Machine Learning

We see the signs around us every day: the chain

cafs and mobile phone outlets that dominate our high streets; the disappearance of knobbly carrots from our supermarket shelves; and the headlines about yet another traditional industry going to the wall. For the first time, here is a book that makes the connection between these isolated, incremental local changes and the bigger picture of a nation whose identity is being eroded. As he travels around the country meeting farmers, fishermen and the inhabitants of Chinatown, Paul Kingsnorth reports on the kind of conversations that are taking place in country pubs and corner shops across the land - while reminding us that these quintessentially English institutions may soon cease to exist.

"With contributions to a new high-frequency trading section by Manoj Narang"--Dust jacket.

The world is being transformed physically and politically. Technology is the handmaiden of much of this change. But since the current sweep of global change is transforming the face of warfare, Special Operations Forces (SOF) must adapt to these circumstances. Fortunately, adaptation is in the SOF DNA. This book examines the changes affecting SOF and offers possible solutions to the complexities that are challenging many long-held assumptions. The chapters explore what has changed, what stays the same, and what it all means for U.S. SOF. The authors are a mix of leading experts in technology, business, policy, intelligence, and geopolitics, partnered with experienced special operators who either cowrote the chapters or reviewed them to

ensure accuracy and relevance for SOF. Our goal is to provide insights into the changes around us and generate ideas about how SOF can adapt and succeed in the emerging operational environment. Articles profiling important military leaders are arranged in A to Z format.

Proceedings of the 2014 International Conference on Environmental Engineering and Computer Application (ICEECA 2014), Hong Kong, 25-26 December 2014

**Refocusing Policies through a Well-being Lens
Slavonic Pagan Sanctuaries**

The Landscape Urbanism Reader

Colon Classification

Research into Design for a Connected World

The Role of Technology in a Revisionist Global Order and the Implications for Special Operations Forces

The awareness of environment protection is a great achievement of humans; an expression of self-awareness. Even though the idea of living while protecting the environment is not new, it has never been so widely and deeply practiced by any nations in history like it is today. From the late 90s in the last century, the surprisingly fast dev
The works of the renowned Dr. Shiyali Ramamrita Ranganathan â?? considered the father of library science in India â?? cover certain facets of library and information science. These library science classics â?? reprinted by Ess Ess Publications â?? make

Dr. S.R. Ranganathan's work available to the current generation of librarians.

This report builds on the OECD Well-being Framework and applies a new perspective that analyses synergies and trade-offs between climate change mitigation and broader goals such as health, education, jobs, as well as wider environmental quality and the resources needed to sustain our livelihoods through time. This report takes an explicitly political economy approach to the low-emissions transitions needed across five economic sectors (electricity, heavy industry, residential, surface transport, and agriculture) that are responsible for more than 60% of global greenhouse gas emissions. This book constitutes the refereed proceedings of the 8th International Workshop on Learning Technology for Education Challenges, LTEC 2019, held in Zamora, Spain, in July 2019. The 41 revised full papers presented were carefully reviewed and selected from 83 submissions. The papers are organized in the following topical sections: learning technologies; learning tools and environment; e-learning and MOOCs; learning practices; social media learning tools; machine learning and evaluation support programs. LTEC 2019 examines how these technologies and pedagogical advances can be used to change the way teachers teach and students learn, while giving special emphasis to the pedagogically effective ways we can harness these new technologies in education.

The Microbiology of Milk and Milk Products
Tracing Manuscripts in Time and Space through
Paratexts

The Battle Against The Bland
Jungle Warfare and Intelligence Gathering in
WW2

Concepts for the Connected Society
Learning Technology for Education in Cloud
Real England

The growing problem of changing environmental conditions caused by climate destabilization is well recognized as one of the defining issues of our time. The root problem is greenhouse gas emissions, and the fundamental solution is curbing those emissions. Climate geoengineering has often been considered to be a "last-ditch" response to climate change, to be used only if climate change damage should produce extreme hardship. Although the likelihood of eventually needing to resort to these efforts grows with every year of inaction on emissions control, there is a lack of information on these ways of potentially intervening in the climate system. As one of a two-book report, this volume of Climate Intervention discusses albedo modification - changing the fraction of incoming solar radiation that reaches the surface. This approach would deliberately modify the energy budget of Earth to produce a cooling designed to compensate for some of the effects of warming associated with greenhouse gas increases. The prospect of large-scale albedo modification raises political and governance issues at national and global levels, as well as ethical concerns. Climate Intervention: Reflecting Sunlight to Cool Earth discusses some of the social, political, and legal issues surrounding these proposed techniques. It is far easier to modify Earth's albedo than to determine whether it should be done or what the consequences might be of such an action.

One serious concern is that such an action could be unilaterally undertaken by a small nation or smaller entity for its own benefit without international sanction and regardless of international consequences. Transparency in discussing this subject is critical. In the spirit of that transparency, *Climate Intervention: Reflecting Sunlight to Cool Earth* was based on peer-reviewed literature and the judgments of the authoring committee; no new research was done as part of this study and all data and information used are from entirely open sources. By helping to bring light to this topic area, this book will help leaders to be far more knowledgeable about the consequences of albedo modification approaches before they face a decision whether or not to use them.

Peptides play a decisive role in many physiological processes, whether as neurotransmitters, hormones or antibiotics. The rapid developments in peptide research over the past few decades make it almost impossible for newcomers to gain an overview. This means an easily comprehensible yet concise introduction is vital. This unique work covers all the important aspects of this wide-ranging field in one handy volume. On the basis of the fundamental chemical and structural properties of peptides, this reference runs the gamut from analysis, the occurrence and biological importance of peptides, via chemical, biochemical and genetic methods of peptide synthesis, right up to peptide libraries, peptide design and their role in drug research. Yet this book offers much more than a mere overview of the latest level of research. An encyclopedic appendix with valuable data on more than 500 biological relevant peptides and proteins, a comprehensive register and details of further literature references make this the ideal reference for all questions regarding peptide research. For newcomers and specialists alike. On the basis of the fundamental chemical and structural properties of peptides, this reference runs the

gamut from analysis, the occurrence and biological importance of peptides.

World Military LeadersA Biographical DictionaryInfobase Publishing

This book offers readers a deeper understanding of the Cyberspace, of how institutions and industries are reinventing themselves, helping them excel in the transition to a fully digitally connected global economy. Though technology plays a key part in this regard, societal acceptance is the most important underlying condition, as it poses pressing challenges that cut across companies, developers, governments and workers. The book explores the challenges and opportunities involved, current and potential future concepts, critical reflections and best practices. It addresses connected societies, new opportunities for governments, the role of trust in digital networks, and future education networks. In turn, a number of representative case studies demonstrate the current state of development in practice.

Neurodiversity Studies

A New Actor on the Stage

The officer data card

Redesigning Organizations

Peptides

Large Rivers

Regulating Artificial Intelligence

This is the second monograph by the author on biological materials of marine origin. The initial book is dedicated to the biological materials of marine invertebrates. This work is a source of modern knowledge on biomineralization, biomimetics and materials science with respect to marine vertebrates. For the

first time in scientific literature the author gives the most coherent analysis of the nature, origin and evolution of biocomposites and biopolymers isolated from and observed in the broad variety of marine vertebrate organisms (fish, reptilian, birds and mammals) and within their unique hierarchically organized structural formations. There is a wealth of new and newly synthesized information, including dozens of previously unpublished images of unique marine creatures including extinct, extant and living taxa and their biocomposite-based structures from nano- to micro - and macroscale. This monograph reviews the most relevant advances in the marine biological materials research field, pointing out several approaches being introduced and explored by distinct modern laboratories. No descriptive material is available for this title.

"Yoruba Proverbs is the most comprehensive collection to date of more than five thousand Yoruban proverbs that showcase Yoruba oral tradition. Following Oyekan Owomoyela's introduction, which provides a framework and description of Yoruba cultural beliefs, the proverbs are arranged by theme into five sections: the good person; the fortunate person (or the

good life); relationships; human nature; rights and responsibilities; and truisms. Each proverb is presented in Yoruba with a literal English translation, followed by a brief commentary explaining the meaning of the proverb within the oral tradition."

"This definitive source book on Yoruba proverbs is the first to give such detailed, systematic classification and analysis alongside a careful assessment of the risks and pitfalls of submitting this genre to the canons of literary analysis."--BOOK JACKET.

Abridged Decimal Classification and
Relative Index for Libraries, Clippings,
Notes, Etc

Swearing and Cursing

World Report on Ageing and Health

New Directions for Organization Theory

Chemistry and Biology

Proceedings of ICoRD 2019 Volume 1

A Biographical Dictionary