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Based on a wealth of primary data collected by expeditions as well as archive data from Russia, this fascinating book features a systematic description of the knowledge accumulated on the physical oceanography, marine chemistry and pollution, marine biology and geology, meteorology and hydrology of the Black Sea. It presents the principal characteristic features of the environmental conditions of the sea and their changes in the second half of the 20th century.

Who Owns WhomNorth & South AmericaCumulated Index MedicusDun's Consultants DirectoryNotification to EPA of Hazardous Waste ActivitiesRegion 9California. Court of Appeal (2nd Appellate District). Records and BriefsB010958, Other, 02

Romania's comic genius Marin Sorescu was so popular during the worst of the Ceausescu years that his readings had to be held in football stadiums, and his books sold hundreds of thousands of copies. While his witty, ironic parables were not directly critical of the regime, Romanians used to a culture of double-speak could read other meanings in his playful mockery of the human condition. All this time, however, he was also writing the 'secret poems' he did not dare publish then because - as Dan Zamfirescu commented - 'the gesture would have been the equivalent of suicide'. Censored Poems is a selection from two books published in Bucharest after 1989, including borderline poems censored by the authorities as well as the riskier secret poems censored by the author.

The Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) established the Congestion Mitigation and Air Quality Improvement (CMAQ) Program. The CMAQ Program emphasizes the importance of the link between transportation and air quality, by providing 6 billion dollars between 1992-1997 for transportation projects and programs to improve air quality. Consequently, many areas will be able to implement transportation control measures (TCMs), in compliance with the mandates of the Clean Air Act Amendments of 1990 (CAAA).

This book seeks to enhance the cultural dimension of sustainable development and particularly focuses on minor historic centers and their natural and rural landscapes. In a society becoming ever more globalized, without territorial restrictions in the production of goods and able to reproduce in China the goods and product characteristic of South American crafts (to mention just two extremes), the only element that can still be contextualized is heritage identity: the result of close integration between cultural assets, intangible assets and settled communities. Thus, heritage identity is one of the few elements, together with natural resources, which has the potential for economic development that is still firmly rooted in places and local populations. These towns are often the centerpiece of urban landscapes and geographical areas with original features, not always but often as individual places within networks of minor historical centers linked by shared history, traditions and/or natural elements (rivers, forests, river systems or other natural elements). They are outside the major tourist networks, even if now there is a budding interest in the touristic exploitation of these environments. So, they are the right places to pursue a sustainable and local development with a cultural perspective. This book is a product of the VIVA_EASTPART project (Valorisation and Improving of management of Small Historic Centres in the eastern PARTnership region), under the EU-funded "ENPI Eastern Partnership" program. It complements the more practically-focused work that is in production from this group, more focused on empirical approaches to the development of minor historic centers of the nations involved. Though the book has been influenced by this research and working experience, the authors are solely responsible for the content and opinions presented.

Viruses in the Parvoviridae family constitute one of the most diverse and intriguing fields of research. While they all share an ssDNA genome and a small capsid, they can differ widely in structure, genome organization and expression, virus–cell interaction, and impact on the host. Exploring such diversity and unraveling the inherent complexity in these apparently simple viruses is an ongoing endeavor and commitment for the scientific community. The translational implications of research on parvoviruses are relevant. Within the family, some viruses are important human and veterinary pathogens, in need of diagnostic methods and antiviral strategies; other viruses have long been studied and engineered as tools for oncolytic therapy, or as sophisticated gene delivery vectors, and can now display their wide and expanding applicative potential. This Special Issue of Viruses collects recent contributions in the field of parvovirus research, with a focus on new insights and research on unresolved issues, as well as new approaches exploiting systemic methodologies. Evolution, structural biology, viral replication, virus–host interaction, pathogenesis and immunity, and viral oncotherapy are a selection of the topics addressed in the issue that can be of relevance to the community involved in parvovirus research and of interest to a wider audience.

This book is a printed edition of the Special Issue "Offshore Renewable Energy: Ocean Waves, Tides and Offshore Wind" that was published in Energies

Biomaterials is a field that continues to attract a significant amount of attention from researchers, industry, educationalists and regulators. This book is the first to provide readers with an understanding of fundamental theory relating to the use of metals in biomedical applications in addition to comprehensively covering applied aspects encompassing practical and technical advantages and disadvantages. Topics highlighted in the book include guidelines for selecting materials; shape memory alloys; degradation and surface modification; adhesion to ceramics and polymers; biocompatibility and tissue-implant interactions; and European and North American regulatory issues.

This book contains 16 chapters by researchers working in various fields of data science. They focus on theory and applications in language technologies, optimization, computational thinking, intelligent decision support systems, decomposition of signals, model-driven development methodologies, interoperability of enterprise applications, anomaly detection in financial markets, 3D virtual reality, monitoring of environmental data, convolutional neural networks, knowledge storage, data stream classification, and security in social networking. The respective papers highlight a wealth of issues in, and applications of, data science. Modern technologies allow us to store and transfer large amounts of data quickly. They can be very diverse - images, numbers, streaming, related to human behavior and physiological parameters, etc. Whether the data is just raw numbers, crude images, or will help solve current problems and predict future developments, depends on whether we can effectively process and analyze it. Data science is evolving rapidly. However, it is still a very young field. In particular, data

science is concerned with visualizations, statistics, pattern recognition, neurocomputing, image analysis, machine learning, artificial intelligence, databases and data processing, data mining, big data analytics, and knowledge discovery in databases. It also has many interfaces with optimization, block chaining, cyber-social and cyber-physical systems, Internet of Things (IoT), social computing, high-performance computing, in-memory key-value stores, cloud computing, social computing, data feeds, overlay networks, cognitive computing, crowdsource analysis, log analysis, container-based virtualization, and lifetime value modeling. Again, all of these areas are highly interrelated. In addition, data science is now expanding to new fields of application: chemical engineering, biotechnology, building energy management, materials microscopy, geographic research, learning analytics, radiology, metal design, ecosystem homeostasis investigation, and many others.

Natural pine forests characterize many landscapes preserved over time, either as a result of a specific forest management practice or a disturbance. In the event of a lack of management over a long period of time, these formations could evolve with increasingly chaotic structures towards other formations. This process can lead to landscape change, the spread of insects and pathogens, and the risk of fires and watercourse obstruction. Pine forest plantations should be considered as transient tree populations, destined to evolve into more complex and stable formations. However, sometimes they should be preserved for their cultural value. Careful management of these forests also takes into account the close relationship between forest and human settlements. As a first step, ecological management assumes the definition of these two macro types. These approaches include the application of integrated methods for determining the reference conditions of the main functional and structural ecosystem components of forests. The reference conditions are the historical (or natural) variability range of ecological structures and processes, reflecting the recent evolution and dynamic interaction of biotic and abiotic conditions and patterns of disturbance. These conditions form the basis for comparison with contemporary ecosystem processes and structures and are a frame of reference for designing ecological restoration treatments and conservation plans. The productive aspects must not be overlooked; rather, they have to be considered, planned, and managed with a perspective of sustainability and ecosystem functionality. This should be considered for a common approach to forest management, for a forest rehabilitation, and for forest restoration activities.

"If anybody except a poet were saying the things Sorescu says in his poems, he or she would be found insane. But this is what poetry should be doing, putting this kind of material into rational form." (Russell Edson) In this collection the Romanian's poems are expertly translated by two other Romanian writers and Stuart Friebert, with an introduction by noted Irish poet Seamus Heaney.

Amorphous and nanocrystalline materials are a class of their own. Their properties are quite different to those of the corresponding crystalline materials. This book gives systematic insight into their physical properties, structure, behaviour, and design for special advanced applications. This seventh, revised edition of the IMF Glossary: English-French-Spanish contains approximately 4,000 records that are believed to be the most useful to translators dealing with IMF material. The main body of the Glossary consists of terms, phraseological units, and institutional titles covering areas such as macroeconomics, money and banking, public finance, taxation, balance of payments, statistics, accounting, and economic development. It contains terminology relating to the IMF's organization and operations, as well as from the Articles of Agreement, By-Laws, Rules and Regulations, and other major IMF publications. Since the Glossary is concept-based, synonyms are consolidated into one single entry. Cross-references refer to the main entry under which the various synonyms are listed ("see") and also draw the user's attention to terms that are related but not synonyms ("see also"). Currency units of countries and monetary unions, an IMF organizational chart in the three languages, and color-coded French and Spanish indexes are provided in appendixes.

Livestock production is changing worldwide. Amongst the changes are those instigated by legislation such as restrictions on antibiotics and antibiotic growth promoters, well fare regulations, etc., all forcing livestock producers to adapt to new husbandry, management, nutrition and healthcare techniques. Food safety is an explosive political issue. The expectations and demands of the informed consumer have altered perceptions of risk and brought food safety to the very front and centre of politics. The gastrointestinal tract is essential in the maintenance of health, wellbeing and production in livestock. The above changes impact feed formulation. The industry looks for alternatives to maintain intestinal health and maximise animal performance, whilst complying with increasingly stringent legislation. This requires a good understanding of the physiological processes involved. In this book, the current knowledge in the major monogastric production species (pigs and chicken) is reviewed by renowned experts in the field. It describes infectious and non-infectious challenges as well as the complex interaction between innate, cellular and humoral immunity and performance. The problems that this complexity poses concerning the identification of important factors for intestinal health are discussed. 'Intestinal health' also reviews promising new approaches such as the use and development of validated biomarkers, and the application of omics techniques and systems biology.

The purpose of this book is to present the main metaheuristics and approximate and stochastic methods for optimization of complex systems in Engineering Sciences. It has been written within the framework of the European Union project ERRIC (Empowering Romanian Research on Intelligent Information Technologies), which is funded by the EU's FP7 Research Potential program and has been developed in co-operation between French and Romanian teaching researchers. Through the principles of various proposed algorithms (with additional references) this book allows the reader to explore various methods of implementation such as metaheuristics, local search and population based methods. It examines multi-objective and stochastic optimization, as well as methods and tools for computer-aided decision-making and simulation for decision-making.

Chagas disease is a potentially life threatening condition that was historically mainly endemic to Latin America. Over the last decade, however, the disease has spread to and is increasingly prevalent in other continents such as North America and Europe, with an estimated 7 million people infected worldwide. It is primarily transmitted by insect vectors that carry the parasite *Trypanosoma cruzi*, the disease agent. In areas where there is vector control and in non-endemic countries, it is mainly transmitted via congenital infection. Cardiac and gastrointestinal complications are common in untreated individuals. This book offers a comprehensive overview of Chagas disease, including its vectorial and congenital transmission, and molecular diagnosis, which is essential for screening, and developing and providing timely, effective anti-trypanosomal treatment. Written by experts working with infected patients on a daily basis, it discusses the pathogenesis of congenital, cardiac, gastrointestinal and oral Chagas disease, as well as its treatment and the pharmacological aspects of drug development in this area. Chapter "Chagas Disease Treatment Efficacy Biomarkers:

Myths and Realities" is available open access under a via link.springer.com.

This two-volume set CCIS 166 and 167 constitutes the refereed proceedings of the International Conference on Digital Information and Communication Technology and its Applications, DICTAP 2011, held in Dijon, France, in June 2010. The 128 revised full papers presented in both volumes were carefully reviewed and selected from 330 submissions. The papers are organized in topical sections on Web applications; image processing; visual interfaces and user experience; network security; ad hoc network; cloud computing; Data Compression; Software Engineering; Networking and Mobiles; Distributed and Parallel processing; social networks; ontology; algorithms; multimedia; e-learning; interactive environments and emergent technologies for e-learning; signal processing; information and data management.

This book discusses the role of the microbiome in rheumatic diseases and details its implications for patient treatment. Recently, with technological advances, there has been significant research into the microbiome. This has enabled us to more profoundly understand its role in our immune system maturation as well as the role played by microorganisms in autoimmunity and the deeply related rheumatic diseases. This book comprehensively explains the emerging microbiome research through the interrelationships of biomedical sciences, including: immunology, microbiology, bioinformatics, and, with special emphasis, the clinical aspect of rheumatology. It examines the interplay between infectious organisms and major autoimmune diseases, including rheumatoid arthritis, psoriatic arthritis, juvenile arthritis, systemic lupus erythematosus, and vasculitis, and explains how to apply that knowledge to diagnostic techniques and treatment decisions. The international team of expert authors provides insight into current therapies and future interventions specifically targeting the microbiota and explores the impact of our deeper understanding on enhancing personalized medicine. The Microbiome in Rheumatic Diseases and Infection is an essential resource for rheumatologists, pediatricians, internists, microbiologists, and critical care providers caring for children and adults with rheumatic diseases. Contains the proceedings of the 21st International Congress of Theoretical and Applied Mechanics, ICTAM04, held in Warsaw, in August 2004. This book discusses the field of mechanics, and is aimed at engineers and scientists. The texts of 27 invited lectures are included along with a CD-ROM with 1225 extended summaries of presented papers.

This book is a printed edition of the Special Issue "Forest Pathology and Plant Health" that was published in Forests
This book provides in-depth information on basic and applied aspects of biofuels production from algae. It begins with an introduction to the topic, and follows with the basic scientific aspects of algal cultivation and its use for biofuels production, such as photo bioreactor engineering for microalgae production, open culture systems for biomass production and the economics of biomass production. It provides state-of-the-art information on synthetic biology approaches for algae suitable for biofuels production, followed by algal biomass harvesting, algal oils as fuels, biohydrogen production from algae, formation/production of co-products, and more. The book also covers topics such as metabolic engineering and molecular biology for algae for fuel production, life cycle assessment and scale-up and commercialization. It is highly useful and helps you to plan new research and design new economically viable processes for the production of clean fuels from algae. Covers in a comprehensive but concise way most of the algae biomass conversion technologies currently available Lists all the products produced from algae, i.e. biohydrogen, fuel oils, etc., their properties and potential uses Includes the economics of the various processes and the necessary steps for scaling them up
Gathers selected modern poems from around the world

This volume constitutes the refereed proceedings of the 13th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2021, held in Phuket, Thailand, in April 2021. The total of 35 full papers accepted for publication in these proceedings were carefully reviewed and selected from 291 submissions. The papers are organized in the following topical sections: data mining and machine learning methods; advanced data mining techniques and applications; intelligent and contextual systems; natural language processing; network systems and applications; computational imaging and vision; decision support and control systems; data modelling and processing for Industry 4.0.
Received document entitled: APPENDIX FOR RESPONDENT'S BRIEF

A no-holds-barred, intimate memoir by John McEnroe—the bad boy of professional tennis. John McEnroe stunned the tennis elite when he came out of nowhere to make the Wimbledon semifinals at the age of eighteen—and just a few years later, he was ranked number one in the world. *You Cannot Be Serious* is McEnroe at his most personal, an intimate examination of Johnny Mac, the kid from Queens, and his “wild ride” through the world of professional tennis at a boom time when players were treated like rock stars. In this “bracing serve-and-volley autobiography” (The Boston Globe) he candidly explores the roots of his famous on-court explosions; his ambivalence toward the sport that made him famous; his adventures (and misadventures) on the road; his views of colleagues from Connors to Borg to Lendl; his opinions of contemporary tennis; his marriages to actress Tatum O’Neal and pop star Patty Smyth; and his roles as husband, father, senior tour player, and often-controversial commentator.

The purpose of this Special Issue, "Egg Consumption and Human Health," is two-fold: 1) to address the lack of effect of eggs in increasing heart disease risk (this discussion will be based on what is known from epidemiological analysis and clinical interventions) and 2) to focus on the role of eggs in protecting against chronic disease. Eggs are more than just a cholesterol-containing food. They possess numerous nutritional benefits. This Special Issue will discuss eggs as a source of high-quality protein for individuals across the life spectrum, as a substantial source of choline (a known neurotransmitter involved in cognitive function), and as a source of highly bioavailable lutein and zeaxanthin (two carotenoids well-recognized for their major role in protecting against age-related macular degeneration and cataracts, as well as for their antioxidant and anti-inflammatory properties). Finally, the potential of incorporating eggs for weight loss interventions, due to their low glycemic index and their satiety effects, will also be discussed.

Written between 1282-1285, *Gesta Hungarorum* is an ingenious and imaginative historical fiction of prehistory, medieval history and contemporary social history. The author divides Hungarian history into two periods: Hunnish-Hungarian prehistory and Hungarian history, a division which persisted in Hungary up to the beginnings of modern historiography.

Anthology of Romanian poetry translated in English. Covers a period of about 160 years, from 1850 to the present - including over 120 poets and 150 poems.

A directory of associations, intergovernmental bodies, religious groups, and other international organizations.

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