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Handbook of Nanophysics

Broadband Satellite Communication Systems and the Challenges of Mobility

Knowledge Socialism

Chemical Safety

Tourism, Development and Growth

Teaching, Learning and Education in Late Modernity

Basic Concepts in Nuclear Physics: Theory, Experiments and Applications

Machine Learning and Data Mining in Pattern Recognition

Estudios en El Extranjero

Agent and Multi-Agent Systems: Technologies and Applications

Databases and Nutrition

26th European Symposium on Computer Aided Process Engineering

Encyclopedia of Tourism

Security and Privacy in Communication Networks

Sport and Tourism

Tourism Planning and Development in Eastern Europe

Entrepreneurship in the Balkans

Chemical Modelling

Towards Economic Inclusion in the Western Balkans

ATM Networks

Social Responsibility - Sustainability, Education and Management

Early Framers of Tourism Knowledge, Volume I

Translation Studies: An Interdiscipline

Transportation Systems and Engineering: Concepts, Methodologies, Tools, and Applications

Informality, Labour Mobility and Precariousness

Latent Variable Analysis and Signal Separation

Encyclopedia of the Neurological Sciences  
Advancing IoT Platforms Interoperability  
Interoperability and Open-Source Solutions for the Internet of Things  
The Tourism Education Futures Initiative  
The Reasonable Robot  
The Impacts of Neoliberal Discourse and Language in Education  
Neurodevelopment, Aging and Cognition  
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Concepts and Models for Drug Permeability Studies  
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Translation and Opposition

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## **BRAXTON LAM**

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*Handbook of Nanophysics* John Benjamins Publishing  
The IoT European Platforms Initiative (IoT-EPI) projects are addressing the topic of Internet of Things and Platforms for Connected Smart Objects and aim to deliver an IoT extended into a web of platforms for connected devices and objects that supports smart environments, businesses, services and persons with dynamic and adaptive configuration capabilities. The specific areas of focus of the research activities are architectures and semantic interoperability, which reliably cover multiple use cases. The goal is to deliver dynamically-configured infrastructure and

integration platforms for connected smart objects covering multiple technologies and multiple intelligent artefacts. The IoT-EPI ecosystem has been created with the objective of increasing the impact of the IoT-related European research and innovation, including seven European promising projects on IoT platforms: AGILE, BIG IoT, INTER-IoT, VICINITY, SymbIoTe, bloTope, and TagItSmart. This white paper provides an insight regarding interoperability in the IoT platforms and ecosystems created and used by IoT-EPI. The scope of this document covers the interoperability aspects, challenges and approaches that cope with interoperability in the current existing IoT platforms and presents some insights regarding the future of interoperability in this context. It presents possible solutions, and a possible IoT interoperability platform architecture.

Broadband Satellite Communication Systems and the Challenges of Mobility IGI Global

Argues that treating people and artificial intelligence differently under the law results in unexpected and harmful outcomes for social welfare.

Knowledge Socialism CRC Press

Translation and Opposition is an edited volume that brings together cultural and sociological perspectives by examining translation through the prism of linguistic/cultural hybridity and inter/intra-social agency. In a collection of diverse case studies, ranging from the translation of political texts to interpreting in concentration camps, the book explores issues of power struggle, ideology, censorship and identity construction. The contributors to the volume show how translators, interpreters and subtitlers as mediators put their specific professional and ethical competences to the test by treading the dividing lines between constellations of 'in-groups' and cultural or political 'others'.

Chemical Safety Springer Science & Business Media

Current global economic crises call for social responsibility to replace neo-liberalistic, one-sided and short-term criteria causing monopolies of global enterprises. The triad 'freedom, brotherhood, equality' and 'the invisible hand' support the hypothesis of interdependence among humans. Humanity's existence is endangered under the threat of global capitalism, unless the social responsibility's concept 'everyone's social responsibility impacts everyone in society' becomes the new socio-economic order, realized alongside concepts as 'interdependence' and 'holism' and using its principles of accountability, transparency, ethical behavior, respect for

stakeholders, for the rule of law, for international norms and human rights. Social Responsibility - A non-technological innovation process explores the realm of social responsibility in the context of innovation, business practice and economic crises. Readers can apply related principles to their business practices and enhance their business prospects in a modern environment facing the challenges of socio-economic crises. This volume is intended for graduates and professionals working in government organizations and commercial enterprises, to learn basic concepts about social responsibility and introduce holistic management practices in their daily and professional lives. Tourism, Development and Growth The Electrochemical Society Concepts and Models for Drug Permeability Studies: Cell and Tissue Based in Vitro Culture Models, Second Edition, summarizes the most important developments in in vitro models for predicting the permeability of drugs. This book is structured around three different approaches, summarizing the most recent achievements regarding models comprising (i) immortalized cells with an intrinsic ability to grow as monolayers when seeded in permeable supports, (ii) primary cells isolated from living organisms and directly cultured as barrier monolayers, and (iii) tissue-based models constructed with cell lines and extracellular matrix that resembles the tridimensional structure of mucosae and other biological membranes, or animal/patient-derived tissues. Each model is covered in detail, including the protocol of generation and application for specific drugs/drug delivery systems. The equivalence between in vitro cell and tissue models and in vivo conditions is discussed, highlighting how each model may provisionally resemble different drug absorption route.

Chapters included in the first edition were updated with relevant data published in recent years, while four new chapters were included to reflect new emerging directions and trends in drug permeability models. Concepts and Models for Drug Permeability Studies: Cell and Tissue Based in Vitro Culture Models, Second Edition, is a critical reference for drug discovery and drug formulation scientists interested in delivery systems intended for the administration of drugs through mucosal routes and other important tissue barriers (e.g. the BBB). Researchers studying mucosal biology can use this book to familiarize themselves and exploit the synergic effect of mucosal delivery systems and biomolecules. Summarizes the current advances in the use of permeability models in drug transport Covers the most important buccal, gastric, intestinal, pulmonary, nasal, vaginal, ocular, renal, skin, and blood-brain barrier in vitro models. Includes case studies to facilitate understanding of various concepts in computer-aided applications Updates in the second edition include organ-on-chip devices, 3D advanced models (multiple layered tissues, organoids, etc.), and multicompartmentalized tissue models

Teaching, Learning and Education in Late Modernity Routledge

As the world faces many serious challenges informed, courageous and mindful leadership is needed for a better future. The Tourism Education Futures Initiative (TEFI) is the collective effort of a group of innovative, thoughtful and committed scholars and industry leaders seeking to provide vision, knowledge, and a framework for tourism education programs that promote global citizenship and optimism for a better world. This book consolidates some of TEFI's work as it seeks to be the

leading, forward-looking network that inspires, informs and supports tourism educators and students to passionately and courageously transform the world for the better. It makes the case for why change is needed, and how tourism educators can respond to that change with strategies and values-based tools. The book contains papers published in special TEFI issues of the Journal of Teaching in Travel & Tourism (JTTT), which question and explore some of the most important theoretical, conceptual and practical issues facing tourism education now and into the future. The book concludes by integrating the special issues' key contributions with a brief conceptualisation of education futures before it outlines TEFI's framework for action over the coming years. Tourism educators worldwide will find that this volume serves two important purposes. On the one hand, it challenges educators to think both critically and proactively about tourism education, while on the other sharing examples of teaching and learning tools that seek to prepare our students for the future and to be global citizens that live lives of consequence. This book is a collection of articles from the Journal of Teaching in Travel and Tourism.

**Basic Concepts in Nuclear Physics: Theory, Experiments and Applications** Springer Science & Business Media

This edited collection combines quantitative content and critical discourse analysis to reveal a shift in the rhetoric used as part of the neoliberal agenda in education. It does so by analysing, uncovering, and commenting on language as a central tool of education. Focussing on vocabulary, metaphors, and slogans used in strategy documents, advertising, policy, and public discourse, the text illustrates how concepts such as justice,

opportunity, well-being, talent, and disadvantage have been hijacked by educational institutes, governments, and universities. Showing how neoliberalism has changed discourses about education and educational policy, these chapters trace issues such as anti-intellectualism, commercialization, meritocracy, and an erasure of racial difference back to a contradictory growth in egalitarian rhetoric. Given its global scope, this volume offers a timely intervention in the studies of neoliberalism and education by developing a holistic vision of how the language of neoliberalism has changed how we think about education. It will prove to be an essential resource for scholars and researchers working at the intersections of education, policymaking, and neoliberalism.

**Machine Learning and Data Mining in Pattern Recognition**  
CABI

The creation of metropolitan areas is influenced by a wide array of factors, both practical and ecological. They can also be influenced by immaterial characteristics of a given area. The Handbook of Research on Perception-Driven Approaches to Urban Assessment and Design is a scholarly resource that assesses metropolitan development and its relation to the ecological and sustainability issues these areas face. Featuring coverage on a wide range of topics such as user-centered urban planning, perception of urban landscapes, and thermal comfort in urban contexts, this publication is geared toward professionals, practitioners, researchers, and students seeking relevant research on the effective planning of metropolitan areas and their relation to the ecological and sustainability issues that face such areas.

Estudios en El Extranjero Emerald Group Publishing

This book constitutes the proceedings of the 13th International Conference on Latent Variable Analysis and Signal Separation, LVA/ICA 2017, held in Grenoble, France, in February 2017. The 53 papers presented in this volume were carefully reviewed and selected from 60 submissions. They were organized in topical sections named: tensor approaches; from source positions to room properties: learning methods for audio scene geometry estimation; tensors and audio; audio signal processing; theoretical developments; physics and bio signal processing; latent variable analysis in observation sciences; ICA theory and applications; and sparsity-aware signal processing.

**Agent and Multi-Agent Systems: Technologies and Applications** Bentham Science Publishers

From driverless cars to vehicular networks, recent technological advances are being employed to increase road safety and improve driver satisfaction. As with any newly developed technology, researchers must take care to address all concerns, limitations, and dangers before widespread public adoption. Transportation Systems and Engineering: Concepts, Methodologies, Tools, and Applications addresses current trends in transportation technologies, such as smart cars, green technologies, and infrastructure development. This multivolume book is a critical reference source for engineers, computer scientists, transportation authorities, students, and practitioners in the field of transportation systems management.

**Databases and Nutrition** Channel View Publications

26th European Symposium on Computer Aided Process Engineering contains the papers presented at the 26th European

Society of Computer-Aided Process Engineering (ESCAPE) Event held at Portorož Slovenia, from June 12th to June 15th, 2016. Themes discussed at the conference include Process-product Synthesis, Design and Integration, Modelling, Numerical analysis, Simulation and Optimization, Process Operations and Control and Education in CAPE/PSE. Presents findings and discussions from the 26th European Society of Computer-Aided Process Engineering (ESCAPE) Event

**26th European Symposium on Computer Aided Process Engineering** Routledge

This book represents a comprehensive state-of-the-art picture of entrepreneurship and small business management issues in the Balkans region. It provides major theoretical and empirical evidence that offers a brighter view of these fields and aims to open up opportunities for greater dialogue in public policy. The readers would be able to enhance their knowledge on small businesses and innovation issues in the Balkans. An outcome of a long lasting endeavour, this book includes contributions of highly reputed authors and experts from the Balkans' countries. Features forewords by two well-known personalities of this field, Leo Paul Dana and Alain Fayolle.

**Encyclopedia of Tourism** Cambridge University Press

This book presents a selection of expanded research papers from the Fourth IFIP Workshop on the Performance Modelling and Evaluation of ATM Networks. It provides a fundamental source of reference on the latest research techniques and tools concerning ATM networks worldwide. A number of important topics are featured including: traffic modelling and characterisation, models of ATM switches, network management, high speed LANs and

MANs and routing and optimization.

**Security and Privacy in Communication Networks** Royal Society of Chemistry

A selection of 44 papers out of the 163 presented at the Translation Studies Congress, which was held in celebration of the 50th anniversary of the Institut für Dolmetscher und Übersetzer Ausbildung in Vienna, shows how translation studies is moving away from purely linguistic analysis into LSP, psychology, cognition, and cultural orientations. The volume is divided into sections reflecting the focal subject areas at the Congress: Translation, history and culture; Interpreting theory and training; Terminology and special languages; Teaching and training in translation. Also included are papers from a special workshop including interdisciplinary research projects from Vienna. Of the articles, 25 are written in English, 16 in German, and 3 in French.

**Sport and Tourism** Routledge

The Encyclopedia of the Neurological Sciences, Second Edition, Four Volume Set develops from the first edition, covering all areas of neurological sciences through over 1000 entries focused on a wide variety of topics in neurology, neurosurgery, psychiatry and other related areas of neuroscience. The contributing authors represent all aspects of neurology from many viewpoints and disciplines to provide a complete overview of the field. Entries are designed to be understandable without detailed background knowledge in the subject matter, and cross-referencing and suggested further reading lead the reader from a basic knowledge of the subject to more advanced understanding. The easy-to-use 'encyclopedic-dictionary' format of the Encyclopedia of the Neurological Sciences, Second Edition features alphabetic

entries, extensive cross-referencing, and a thorough index for quick reference. The wealth of information provided by these four volumes makes this reference work a trusted source of valuable information for a wide range of researchers, from undergraduate students to academic researchers. Provides comprehensive coverage of the field of neurological science in over 1,000 entries in 4 volumes "Encyclopedic-dictionary" format provides for concise, readable entries and easy searching Presents complete, up-to-date information on 32 separate areas of neurology Entries are supplemented with extensive cross-referencing, useful references to primary research articles, and an extensive index  
*Tourism Planning and Development in Eastern Europe* Springer  
 Nature

This is the first collection focusing on knowledge socialism, a particularly apt term used to describe a Chinese socialist mode of production and socialist approach to development and modernity based around the rise of peer production, new forms of collaboration and collective intelligence. Making the case for knowledge socialism, the book is intended for students, teacher, scholars and policy theorists in the field of knowledge economy.  
*Entrepreneurship in the Balkans* Routledge

Bullying is one of the most difficult areas of violence against children to eliminate, especially with the ubiquitous role that internet and mobile technology plays in their life today and the capacity this gives for bullying to continue night and day. Bullying seems to be part of human nature and has been with us since ancient times, but that is no reason to accept it fatalistically as "natural" and, for children, part of growing up. Only in the 1970s was research first undertaken to explore the phenomenon and to

attempt to understand why it takes place and its impact on individuals and societies. With the emergence of the internet and social media, bullying has taken a more sinister turn, becoming more relentless, constant and inescapable for victims. This book aims to explain to both experts and the interested layperson what is known about bullying, its causes, effects and, crucially, how it can be reduced, in particular by fostering social and emotional skills in young people. Authors from more than a dozen countries have contributed to this publication, presenting widely differing perspectives, practice and insights on how they are tackling or think we should be tackling modern societal issues such as bullying and hate speech. While some chapters focus more specifically on case studies and what the research tells us, others look at issues related to bringing up and educating children for the world we live in. This publication also provides information on the work of the ENABLE network and aims to introduce readers to the psychologists and researchers, teachers, parents and social media innovators that have helped to shape it.  
*Chemical Modelling* Frontiers Media SA

Three decades ago, the hypermobility of tourists from the days before the global pandemic was truly unthinkable in Eastern Europe. The borders were closed and the region isolated from the rest of the world. Despite an extraordinary transformation of tourism in the area since, Eastern Europe remains under-explored in tourism studies. This book fills the gap by outlining contemporary strategies for tourism development in post-socialist countries, considering the opportunities and challenges as well as the initiatives and approaches to sustainability. Illuminating the various economic, socio-cultural and environmental impacts that

tourism has created, this book is a valuable reference for researchers and students of tourism and related disciplines, as well as anyone interested in the development of Eastern Europe.

### **Towards Economic Inclusion in the Western Balkans**

Springer Nature

This two-volume set LNICST 398 and 399 constitutes the post-conference proceedings of the 17th International Conference on Security and Privacy in Communication Networks, SecureComm 2021, held in September 2021. Due to COVID-19 pandemic the conference was held virtually. The 56 full papers were carefully reviewed and selected from 143 submissions. The papers focus on the latest scientific research results in security and privacy in wired, mobile, hybrid and ad hoc networks, in IoT technologies, in cyber-physical systems, in next-generation communication systems in web and systems security and in pervasive and ubiquitous computing.

ATM Networks Springer

Professor Peter Jarvis has spent over 30 years researching, thinking and writing about some of the key and enduring issues in education. He has contributed well over 30 books and 200 papers and chapters in books on learning theory, adult education

and learning, continuing professional education, nurse education, primary school education, distance education and third age education. In this book, he brings together 19 key writings in one place. Starting with a specially written Introduction, which gives an overview of Peter's career and contextualises his selection within the development of the field, the chapters cover: Learning Learning and Spirituality Learning and Doing Teaching The End of Modernity Learning in Later Life. This book not only shows how Peter's thinking developed during his long and distinguished career; it also gives an insight into the development of the fields to which he contributed. In the World Library of Educationalists, international scholars themselves compile career-long collections of what they judge to be their finest pieces – extracts from books, key articles, salient research findings, major theoretical and/practical contributions – so the world can read them in a single manageable volume. Readers will be able to follow the themes and strands of their work and see their contribution to the development of a field, as well as the development of the field itself. Contributors to the series include: Richard Aldrich, Stephen J. Ball, John Elliott, Elliot Eisner, Howard Gardner, John Gilbert, Ivor F. Goodson, David Labaree, John White, E.C. Wragg .

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