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Swarm, Evolutionary, and Memetic Computing
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Organizational Stress
Energy Management System for Dispatchable Renewable Power Generation
Digital Electronics
Mathematical Methods for Physics and Engineering
Mixed Methods Design in Evaluation
Industrial Electronics N2
Illuminating Social Life

Emergent Phenomena in Correlated Matter

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CUNNINGHAM CHAIM

Game Localization Edward
Elgar Publishing

The Art of Computer and
Information Security:
From Apps and Networks
to Cloud and Crypto
Security in Computing,
Sixth Edition, is today's
essential text for anyone
teaching, learning, and
practicing cybersecurity.
It defines core principles
underlying modern
security policies,
processes, and protection;
illustrates them with up-
to-date examples; and
shows how to apply them
in practice. Modular and
flexibly organized, this
book supports a wide
array of courses,
strengthens professionals'
knowledge of foundational
principles, and imparts a
more expansive
understanding of modern
security. This extensively
updated edition adds or
expands coverage of
artificial intelligence and
machine learning tools;
app and browser security;
security by design;
securing cloud, IoT, and
embedded systems;
privacy-enhancing
technologies; protecting
vulnerable individuals and

groups; strengthening
security culture;
cryptocurrencies and
blockchain; cyberwarfare;
post-quantum computing;
and more. It contains
many new diagrams,
exercises, sidebars, and
examples, and is suitable
for use with two leading
frameworks: the US NIST
National Initiative for
Cybersecurity Education
(NICE) and the UK Cyber
Security Body of
Knowledge (CyBOK). Core
security concepts: Assets,
threats, vulnerabilities,
controls, confidentiality,
integrity, availability,
attackers, and attack
types The security
practitioner's toolbox:
Identification and
authentication, access
control, and cryptography
Areas of practice:
Securing programs,
user-internet interaction,
operating systems,
networks, data,
databases, and cloud
computing Cross-cutting
disciplines: Privacy,
management, law, and
ethics Using
cryptography: Formal and
mathematical
underpinnings, and
applications of
cryptography Emerging
topics and risks: AI and
adaptive cybersecurity,
blockchains and

cryptocurrencies,
cyberwarfare, and
quantum computing
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and/or corrections as they
become available. See
inside book for details.
Public Procurement and
Human Rights Routledge
Video games are part of
the growing digital
entertainment industry for
which game localization
has become pivotal in
serving international
markets. As well as
addressing the practical
needs of the industry to
facilitate translator and
localizer training, this
book seeks to
conceptualize game
localization in an attempt
to locate it in Translation
Studies in the context of
the technologization of
contemporary translation
practices. Designed to
provide a comprehensive
introduction to the topic
of game localization the
book draws on the
literature in Game Studies
as well as Translation
Studies. The book's
readership is intended to
be translation scholars,
game localization
practitioners and those in
Game Studies developing
research interest in the
international dimensions

of the digital entertainment industry. The book aims to provide a road map for the dynamic professional practices of game localization and to help readers visualize the expanding role of translation in one of the 21st century's key global industries.

Optimizing Current Practices in E-Services and Mobile

Applications Springer
The Frontiers in Materials Editorial Office team are delighted to present the inaugural "Women in Science: Materials" article collection, showcasing the high-quality work of women in science across the breadth of materials science and engineering. All researchers featured within this collection were individually nominated by the Topic Editors in recognition of their status as leading academics who have great potential to influence the future directions of their respective fields. The work presented here highlights the diversity of research performed across the entire breadth of the materials science and engineering field and presents advances in theory, experimentation, and methodology with applications for solving

compelling problems. This Editorial features the corresponding author(s) of each paper published within this important collection, ordered by section alphabetically, highlighting them as the great researchers of the future. The Frontiers in Materials Editorial Office team would like to thank each researcher who contributed their work to this collection. We would also like to personally thank the Topic Editors for their exemplary leadership of this article collection; their strong support and passion for this important, community-driven collection has ensured its success and global impact. Emily Young
Journal Development Manager
IEICE Transactions on Electronics Pearson South Africa
This book constitutes the refereed proceedings of the Third International Conference on Swarm, Evolutionary, and Memetic Computing, SEMCCO 2012, held in Bhubaneswar, India, in December 2012. The 96 revised full papers presented were carefully reviewed and selected from 310 initial submissions. The papers cover a wide range of

topics in swarm, evolutionary, memetic and other intelligent computing algorithms and their real world applications in problems selected from diverse domains of science and engineering.

Cost Control in the Construction Industry

John Wiley & Sons
In Mixed Methods Design in Evaluation, the first volume of SAGE's Evaluation in Practice Series, best-selling author Donna M. Mertens explores the meaning of mixed methods evaluation, its evolution over the last few decades, and the dominant philosophical frameworks that are influencing thought and practice in the field today. Four chapters explore evaluation of the effectiveness of interventions, development of instruments, systematic reviews, and policy evaluations, while an additional chapter covers evaluation approaches often required in specific contexts including gender responsive evaluations, needs assessment, and evaluations in conflict zones. Practical in nature, the book guides readers' thinking about the design of mixed methods

evaluations through the use of illustrative examples and explanations for further applications.

Indonesia Addison-Wesley Professional

This book blends theory and practice to support courses in corporate social responsibility (CSR), business and society, and environmental management and sustainability. Based on her extensive work with companies, the author offers engaging readings and teaching cases that address key challenges for business today - measurement, supply chain management, public policy, and stakeholder pressures. Part I focuses on the macro-level and provides an overview of concepts such as the green economy, eco-industrial parks, corporate social responsibility (corporate citizenship), nanotechnology, and sustainable consumption. Part II provides specific frameworks and tools for sustainability management and measurement at the company level. Part III includes detailed teaching cases of several well-known firms. The main theme is that business is a key player in achieving

a more sustainable development, yet its practices are often narrow in focus or shortsighted. The text provokes discussions around issues such as: Is business sustainability possible in a market economy focused on increasing consumption? Should a product or service be called "green" when it puts at risk the health and safety of workers? What can U.S. policymakers learn from their European counterparts when it comes to protecting human health and the environment? How can we ensure that the benefits of nanotechnology exceed its risks? How can sustainability indicators be used as a tool to advance sustainability by companies and policymakers? The book provides a flexible, up-to-date supplementary teaching tool for undergraduate and graduate students, executive education courses, and certificate programs. Intended Audience: Primarily undergraduate and graduate students taking courses in environmental management, corporate social responsibility (CSR), sustainability, or business and society; as a supplementary text in

professional education and certificate programs in environmental management, corporate citizenship, sustainability, and CSR.

Small-Scale Research John Benjamins Publishing

Illuminating Social Life has enjoyed increasing popularity with each edition. It is the only book designed for undergraduate teaching that shows today's students how classical and contemporary social theories can be used to shed new light on such topics as the internet, the world of work, fast food restaurants, shopping malls, alcohol use, body building, sales and service, and new religious movements. A perfect complement for the sociological theory course, it offers 13 original essays by leading scholars in the field who are also experienced undergraduate theory teachers. Substantial introductions by the editor link the applied essays to a complete review of the classical and modern social theories used in the book.

Power Electronics: Circuits, Devices, and Application (for Anna University) Hodder Gibson

Doing Your Undergraduate Project is

a practical step-by-step guide to managing and developing a successful undergraduate project. The book covers all aspects of project management, explaining in a clear and structured way how to undertake a project and helping readers to identify and acquire the necessary skills to plan and carry out the research and writing. This practical and concise book provides: Advice for preparing a project and choosing a topic Guidelines for writing a project proposal A checklist for planning A guide to producing a literature review Advice on choosing and implementing appropriate methodology An awareness of ethical issues Information for writing-up the report. Written in a lively and engaging manner, this detailed and accessible manual is an invaluable resource for students across the social sciences working on their undergraduate project. SAGE Study Skills are essential study guides for students of all levels. From how to write great essays and succeeding at university, to writing your undergraduate dissertation and doing postgraduate research,

SAGE Study Skills help you get the best from your time at university. Visit the SAGE Study Skills hub for tips, resources and videos on study success!

[International Business Strategy and Entrepreneurship: An Information Technology Perspective](#) MIT Press

Japanese Kanji Power is a workbook for mastering Japanese characters (Kanji) with the added power of a dictionary. This resource is essential for the serious student looking to get an A in Kanji class or the Japanese language enthusiast ready to take written Japanese to the next level. This new expanded edition teaches all 464 essential Kanji required for Levels 4 and 5 of the new Japanese Language Proficiency Test and the AP Japanese Language exam. Each Kanji is presented with the information needed to learn and remember the character and its many variations and uses. Cumulative exercises allow students to practice the Kanji and strengthen existing knowledge. An indexing feature allows Japanese Kanji Power to function as a Kanji dictionary. The presentation of each Kanji

incorporates a number of key features, including: Several example sentences that introduce each kanji reading in context. A list of frequently-used compounds and phrases that allows you to increase your practical vocabulary. Background information, such as the original of the character of a mnemonic to aid in memorization. Stroke count and a stroke-order diagram. Writing hints and a writing practice grid. Numerous exercises and frequent reviews for reinforcement.

Japanese Kanji Power Pine Forge Press

This book develops important new insights into the conditions that enable effective collaborations between arts and humanities researchers and SMEs in the creative economy. Drawing on the work of Creativeworks London, an AHRC-funded Knowledge Exchange Hub for the Creative Economy, this is an in-depth study of how co-created and collaborative research projects work on the ground and will be of immense value to all these audiences. Chapters by researchers and practitioners examine a range of collaborative

research projects supported by Creativeworks London's vouchers, which cover a large number of creative industry sectors and academic disciplines. The book identifies key learning from these projects that has wider relevance for academics, funders, policy makers, and SMEs in the creative economy. Morag Shiach is Professor of Cultural history at Queen Mary University of London, UK, where she is also Director of Creativeworks London and Vice-Principal for Humanities and Social Sciences. Her publications include *Modernism, Labour and Selfhood in British Literature and Culture*; *Feminism and Cultural Studies*; *Hélène Cixous: A Politics of Writing*; and *Discourse on Popular Culture*. Dr. Virani obtained his PhD from King's College London, UK. He is a full time researcher for Creativeworks London research project at Queen Mary University of London, UK. His research interests include the role of knowledge in the cultural economy, artistic knowledge within locally bounded artistic communities, and new work spaces in the creative and cultural

economy. Computer, Communication and Electrical Technology Tuttle Publishing
Nuclear power has been held out as possibly the most important source of energy for India. And the dream of a nuclear-powered India has been supported by huge financial budgets and high-level political commitment for over six decades. Nuclear power has also been presented as safe, environmentally benign and cheap. Physicist and writer M.V. Ramana offers a detailed narrative of the evolution of India's nuclear energy programme, examining different aspects of it and the claims of success made on its behalf. In *The Power of Promise* he makes a historically nuanced and compelling argument as to why the nuclear energy programme has failed in the past and why its future is dubious. Ramana shows that nuclear power has been more expensive than conventional forms of electricity generation, that the ever-present risk of catastrophic accidents is heightened by observed organizational inadequacies at nuclear facilities, and that existing nuclear fuel cycle facilities

have been correlated with impacts on public health and the environment. He offers detailed information and analysis that should serve to deepen the debate on whether India should indeed embark on a massive nuclear programme.

Methods in computational genomics CFA Institute Research Foundation
This fifth edition of *International Law: A South African Perspective* is now titled *Dugard's International Law: A South African Perspective*, in recognition of the fact that this work is a continuation of the earlier editions written by John Dugard. The substance of the work has undergone major changes to take account of new developments both on the international legal scene and in South Africa. *Dugard's International Law: A South African Perspective* presents a South African perspective of international law. The basic principles of international law are described and examined with reference to the principal sources of international law. This examination, however, takes place within the context of South African law. South African state

practice, judicial decisions and legislation on international law receive equal treatment with international law as it is practised and taught abroad. The present work is designed to assist judicial officers and practitioners, educate students, and guide diplomats in the intricacies of international law both at home in South Africa and abroad.

Security in Computing SAGE

For anyone who has ever wondered how computers solve problems, an engagingly written guide for nonexperts to the basics of computer algorithms. Have you ever wondered how your GPS can find the fastest way to your destination, selecting one route from seemingly countless possibilities in mere seconds? How your credit card account number is protected when you make a purchase over the Internet? The answer is algorithms. And how do these mathematical formulations translate themselves into your GPS, your laptop, or your smart phone? This book offers an engagingly written guide to the basics of computer algorithms. In *Algorithms Unlocked*, Thomas Cormen—coauthor of the

leading college textbook on the subject—provides a general explanation, with limited mathematics, of how algorithms enable computers to solve problems. Readers will learn what computer algorithms are, how to describe them, and how to evaluate them. They will discover simple ways to search for information in a computer; methods for rearranging information in a computer into a prescribed order (“sorting”); how to solve basic problems that can be modeled in a computer with a mathematical structure called a “graph” (useful for modeling road networks, dependencies among tasks, and financial relationships); how to solve problems that ask questions about strings of characters such as DNA structures; the basic principles behind cryptography; fundamentals of data compression; and even that there are some problems that no one has figured out how to solve on a computer in a reasonable amount of time.

A Journey Through Qualitative Research
Penguin UK

The First International Conference on Advancement of

Computer, Communication and Electrical Technology focuses on key technologies and recent progress in computer vision, information technology applications, VLSI, signal processing, power electronics & drives, and application of sensors & transducers, etc. Topics in this conference include: Computer Science This conference encompassed relevant topics in computer science such as computer vision & intelligent system, networking theory, and application of information technology. Communication Engineering To enhance the theory & technology of communication engineering, ACCET 2016 highlighted the state-of-the-art research work in the field of VLSI, optical communication, and signal processing of various data formatting. Research work in the field of microwave engineering, cognitive radio and networks are also included. Electrical Technology The state-of-the-art research topic in the field of electrical & instrumentation engineering is included in this conference such as power system stability &

protection, non-conventional energy resources, electrical drives, and biomedical engineering. Research work in the area of optimization and application in control, measurement & instrumentation are included as well.

Business, Environment, and Society IGI Global

Written with the needs of students uppermost, *Small-Scale Research* is a direct, comprehensive guide for students doing theses, dissertations, papers and projects. It systematically works through the central methods of inquiry and demonstrates the strengths and weaknesses of different approaches.

Algorithms Unlocked

SAGE

In the modern world of mobile applications, the expansion of e-services, self-services, and mobile communication constantly allows for new multidisciplinary developments in academia and industry. *Optimizing Current Practices in E-Services and Mobile Applications* is a critical scholarly resource that examines issues in the production management, delivery, and consumption of e-services. Featuring

coverage on a broad range of topics, such as marketing, management, social media, and entrepreneurship, this book is an ideal resource for professionals, researchers, academicians, and industry consultants with an interest in the emergence of e-services.

Managing Learning Organization in Industry 4.0 Asian Development Bank

Chemical Engineering Design, Second Edition, deals with the application of chemical engineering principles to the design of chemical processes and equipment. Revised throughout, this edition has been specifically developed for the U.S. market. It provides the latest US codes and standards, including API, ASME and ISA design codes and ANSI standards. It contains new discussions of conceptual plant design, flowsheet development, and revamp design; extended coverage of capital cost estimation, process costing, and economics; and new chapters on equipment selection, reactor design, and solids handling processes. A rigorous pedagogy assists learning, with detailed worked examples, end of

chapter exercises, plus supporting data, and Excel spreadsheet calculations, plus over 150 Patent References for downloading from the companion website. Extensive instructor resources, including 1170 lecture slides and a fully worked solutions manual are available to adopting instructors. This text is designed for chemical and biochemical engineering students (senior undergraduate year, plus appropriate for capstone design courses where taken, plus graduates) and lecturers/tutors, and professionals in industry (chemical process, biochemical, pharmaceutical, petrochemical sectors).

New to this edition: - Revised organization into Part I: Process Design, and Part II: Plant Design. The broad themes of Part I are flowsheet development, economic analysis, safety and environmental impact and optimization. Part II contains chapters on equipment design and selection that can be used as supplements to a lecture course or as essential references for students or practicing engineers working on design projects. - New discussion of conceptual

plant design, flowsheet development and revamp design - Significantly increased coverage of capital cost estimation, process costing and economics - New chapters on equipment selection, reactor design and solids handling processes - New sections on fermentation, adsorption, membrane separations, ion exchange and chromatography - Increased coverage of batch processing, food, pharmaceutical and biological processes - All equipment chapters in Part II revised and updated with current information - Updated throughout for latest US codes and standards, including API, ASME and ISA design codes and ANSI standards - Additional worked examples and homework problems - The most complete and up to date coverage of equipment selection - 108 realistic commercial design projects from diverse industries - A rigorous pedagogy assists learning, with detailed worked examples, end of chapter exercises, plus supporting data and Excel spreadsheet calculations plus over 150 Patent References, for downloading from the companion website -

Extensive instructor resources: 1170 lecture slides plus fully worked solutions manual available to adopting instructors
Swarm, Evolutionary, and Memetic Computing
 Frontiers Media SA
 Exploring questions of both exploitation and empowerment, Understanding Social Media provides a critical conceptual toolbox for navigating the evolution and practices of social media. Taking an interdisciplinary and intercultural approach, it explores the key themes and concepts, going beyond specific platforms to show you how to place social media more critically within the changing media landscape. Updated throughout, the Second Edition of this bestselling text includes new and expanded discussions of: Qualitative and quantitative approaches to researching social media Datafication and algorithmic cultures Surveillance, privacy and intimacy The rise of apps and platforms, and how they shape our experiences Sharing economies and social media publics The increasing importance of visual economies AR, VR

and social media play Death and digital legacy Tying theory to the real world with a range of contemporary case studies throughout, it is essential reading for students and researchers of social media, digital media, digital culture, and the creative and cultural industries.
Cultural Policy, Innovation and the Creative Economy
 SAGE
 The proceedings of the 6th International Seminar & Conference on Learning Organization (ISCLLO) with the theme "Enhancing Organization's Competitiveness through Knowledge Sharing and Learning Culture in the 4.0 Era" provides research results from scientists, scholars and practitioners, exchanging information and discussing the latest issues related to topics such as Marketing, Human Resources, Industrial Behavior and Knowledge Management, Entrepreneurship and Strategic Management, IT and Operations Management Economics, Financial and Accounting. These papers will contribute to the enhancement of the organization's competitive advantage with technology serving as a

supporting system for knowledge sharing and learning culture. These proceedings will be of interest to scholars, practitioners, government and the industry employees, taking part in increasing Global Competitiveness in the coming years.

Industrial Motion Control
SAGE

This timely work reflects on the role and obligations of the state as

a buyer of goods and services, from the dual disciplinary perspectives of public procurement and human rights. Through theoretical and doctrinal analyses, and practice-focused case studies, it interrogates the evolving character of public procurement as an interface for multiple normative regimes and competing policies.

Challenging the prevailing

paradigm which subordinates human rights to narrowly-defined economic goals, insightful contributions advance a compelling case for greater inter-disciplinarity and policy coherence as crucial to realising international policies such as those embodied in the UN Guiding Principles on Business and Human Rights and 2030 Sustainable Development Goals.