## *Spatio Tempo Social Learning From And About Humans With*

This book is the first comprehensive effort to bring together Water, Food Security and Nutrition (FSN) in a way that goes beyond the traditional focus on irrigated agriculture. Apart from looking at the role of water and sanitation for human well-being, it proposes alternative and more locally appropriate ways to address complex water management and governance challenges from the local to global levels against a backdrop of growing uncertainties. The authors challenge mainstream supply-oriented and neo-Malthusian visions that argue for the need to increase the land area under irrigation in order to feed the world's growing population. Instead, they argue for a reframing of the debate concerning production processes, waste, food consumption and dietary patterns whilst proposing alternative strategies to improve water and land productivity, putting the interests of marginalized and disenfranchised groups upfront. The book highlights how accessing water for FSN can be challenging for small-holders, vulnerable and marginalized women and men, and how water allocation systems and reform processes can negatively affect local people's informal rights. The book argues for the need to improve policy coherence across water, land and food and is original in making a case for strengthening the relationship between the human rights to water and food, especially for marginalized women and men. It will be of great interest to practitioners, students and researchers working on water and food issues.

This advanced text for psychology, human development, and education provides students with state-of-the-art overviews of the discipline in an accessible, affordable format. Unique both in the depth of its coverage and in the timeliness of the research that it presents, this comprehensive text conveys the field of child and adolescent development through the voices of scientists who themselves are now shaping the field.

This book brings together conceptual and empirical insights to explore the interconnections between social networks based on Information and Communication Technologies (ICT) and travel behaviour in urban environments. Over the past decade, rapid development of ICT has led to extensive social impacts and influence on travel and mobility patterns within urban spaces. A new field of research of digital social networks and travel behaviour is now emerging. This book presents state-of-the-art knowledge cutting-edge research, and integrated analysis methods from the fields of social networks, travel behaviour and urban analysis. It explores the challenges related to the question of how we can synchronize among social networks activities, transport means, intelligent communication/information technologies and the urban form. This innovative book encourages multidisciplinary insights and fusion among three disciplines of social networks, travel behaviour and urban analysis. It offers new horizons for research and will be of interest to students and scholars studying mobilities, transport studies, urban geography, urban planning, the built environment, and urban policy.

This volume tackles issues arising from today's high reliance on learning from visualizations in general and dynamic visualizations in particular at all levels of education. It reflects recent changes in educational practice through which text no longer occupies its traditionally dominant role as the prime means of presenting to-be-learned information to learners. Specifically, the book targets the dynamic visual components of multimedia educational resources and singles out how they can influence learning in their own right. It aims to help bridge the increasing gap between pervasive adoption of dynamic visualizations in educational practice and our limited understanding of the role that these representations can play in learning. The volume has recruited international leaders in the field to provide diverse perspectives on the dynamic visualizations and learning. It is the first comprehensive book on the topic that brings together contributions from both renowned researchers and expert practitioners. Rather than aiming to present a broad general overview of the field, it focuses on innovative work that is at the cutting edge. As well as further developing and complementing existing approaches, the contributions emphasize fresh ideas that may challenge existing orthodoxies and point towards future directions for the field. They seek to stimulate further new developments in the design and use of dynamic visualizations for learning as well as the rigorous, systematic investigation of their educational effectiveness.the volume="" sheds="" light="" on="" the="" complex="" and="" highly="" demanding="" processes="" of="" conceptualizing,="" developing="" implementing="" dynamic="" visualizations="" in="" practice="" as="" well="" challenges="" relating="" research="" application="" perspectives.

Towards a Sustainable Future
The New Social Learning, 2nd Edition
A Practice-based Approach
Profiling Target Learners for the Development of Effective Learning Strategies: Emerging Research and Opportunities
The Nature of Culture
ONLINE EDUCATION, SOCIAL LEARNING, MOOC
11th International Symposium, SSTD 2009 Aalborg, Denmark, July 8-10, 2009 Proceedings
*Sample Text*

*Homosexuality is an evolutionary paradox in search for a resolution, not a medical condition in search for a cure. Homosexual behavior is common among social animals, and mainly expressed within the context of a bisexual sexual orientation. Exclusive homosexuality is less common, but not unique to humans. Poiani and Dixson invite the reader to embark on a journey through the evolutionary, biological, psychological and sociological aspects of homosexuality, seeking an understanding of both the proximate and evolutionary causes of homosexual behavior and orientation in humans, other mammals and birds. The authors also provide a synthesis of what we know about homosexuality into a biosocial model that links recent advances in reproductive skew theory and various selection mechanisms to produce a comprehensive framework that will be useful for anyone teaching or planning future research in this field.*

*Exploring the relationship among knowing, learning and practice in the development of organizational knowledge, this book focuses on organizational learning as a collective, social and not entirely cognitive activity.*

*The SOCIAL LEARNING (SA) learning platform project will address all issues involved in the design, implementation and operation of a flexible, easily accessible, cost-effective means of delivering training materials in collaboration with companies, developpers, universities, courses, all education centers in all over the world. The SA project activities will address the social learning needs of all human beings. Training needs both on a regional and transnational level have been analysed. In order to ensure that optimal results are derived from the project activities, success and evaluation criteria have been defined against which the results of the project will be measured.*

*Avian Cognition*

*An Introduction*

*The Routledge Companion to Criminological Theory and Concepts*

*Collective Action, Social Learning and Transdisciplinary Research*

*Connect. Collaborate. Work.*

*Animal Homosexuality*

*Governance, Metagovernance and Subjectivity*

In the second edition of this fascinating book an international team of experts have been brought together to explore all major areas of fish learning, including: Foraging skills Predator recognition Social organisation and learning Welfare and pain Three new chapters covering fish personality, lateralisation, and fish cognition and fish welfare, have been added to this fully revised and expanded second edition. Fish Cognition and Behavior, Second Edition contains essential information for all fish biologists and animal behaviorists and contains much new information of commercial importance for fisheries managers and aquaculture personnel. Libraries in all universities and research establishments where biological sciences, fisheries and aquaculture are studied and taught will find it an important addition to their shelves.

"Social learning is a fundamental shift in how people work leveraging how we have always worked, now with new, more humanizing tools, accelerating individual and collective reach, giving us the resources to create the organization, and the world, we want to live in." In this newly revised and updated edition of The New Social Learning, Tony Bingham and Marcia Conner dispel organizational myths and fears about social media. By sharing the success stories of socially engaged companies and people, the much-anticipated second edition persuasively makes the case for using social media to encourage knowledge transfer and real-time learning in a connected and engaging way. As Steve LeBlanc noted, "Social learning thrives in a culture of service and wonder. It is inspired by leaders, enabled by technology, and ignited by opportunities that have only recently unfolded." Brand-new case studies about innovative organizations such as Boston Children s Hospital, National Australian Bank, LAZ Parking, Sanofi Pasteur, Cigna, CENTURY 21, and Roche Pharmaceuticals illustrate cutting-edge social learning approaches that cultivate environments where great people can do their best work. The New Social Learning lays the foundation for improving the way you engage with colleagues, collaborate with teams anywhere in the world, and build workforce capability. Take the next step to connect skills and knowledge and move your own organization forward as you reclaim and revolutionize workplace learning.

The book provides a comprehensive guide to vehicular social networks. The book focuses on a new class of mobile ad hoc networks that exploits social aspects applied to vehicular environments. Selected topics are related to social networking techniques, social-based routing techniques applied to vehicular networks, data dissemination in VSNs, architectures for VSNs, and novel trends and challenges in VSNs. It provides significant technical and practical insights in different aspects from a basic background on social networking, the inter-related technologies and applications to vehicular ad-hoc networks, the technical challenges, implementation and future trends.

Written by some of the founders of complexity theory and complexity theories of cities (CTC), this Handbook expertly guides the reader through over forty years of intertwined developments: the emergence of general theories of complex self-organized systems and the consequent emergence of CTC.

Perspectives in Ethology

Evolution, Culture, and Behavior

Vulnerability of Land Systems in Asia

Actors and Agency in Global Social Governance

The Social Psychology of Living Well

Comparative and Ecological Perspectives

First International Conference, EGOVIS 2010, Bilbao, Spain, August 31 - September2, 2010, Proceedings

In front of you are the proceedings of the First International Conference on Electronic Government and Information Systems Perspective, EGOVIS. This conference builts on the tradition of its predecessors, the Electronic Government Conferences (EGOV) under the DEXA umbrella, which have been ongoing for nine years, but it also - cluded some innovations. In view of the large number of electronic government c- ferences, we found it important to focus the scope of the conference a little and to increase the quality requirements. Hence this year's conference featured a tougher review process and a smaller set of accepted papers. As a result, these proceedings contain the very best papers of 2010 covering various important aspects of electronic government and information systems used in the public sector. With an acceptance rate of less than 20% EGOVIS belongs to the top ten conferences in the world. The Program Committee accepted 13 full papers and 11 short papers, covering the most recent research trends in electronic government implementations, such as ICT for eGovernment services and monitoring, knowledge and content management systems for temporal and geo-spatial applications, interoperability for electronic government integrated architectures, decision and support tools for eDemocracy and direct parti- pation of citizens in the policy-making strategies, and Web 2. 0 and 3. 0 approaches for collaborative and transparent public sector services.

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

This volume introduces a model of the expansion of cultural capacity as a systemic approach with biological, historical and individual dimensions. It is contrasted with existing approaches from primatology and behavioural ecology; influential factors like differences in life history and demography are discussed; and the different stages of the development of cultural capacity in human evolution are traced in the archaeological record. The volume provides a synthetic view on a) the different factors and mechanisms of cultural development, and b) expansions of cultural capacities in human evolution beyond the capacities observed in animal culture so far. It is an important topic because only a volume of contributions from different disciplines can yield the necessary breadth to discuss the complex subject. The model introduced and discussed originates in the naturalist context and tries to open the discussion to some culturalist aspects, thus the publication in a series with archaeological and biological emphasis is apt. As a new development the synthetic model of expansion of cultural capacity is introduced and discussed in a broad perspective. ?

A comprehensive one-stop reference text, The Routledge Companion to Criminological Theory and Concepts (the 'Companion') will find a place on every bookshelf, whether it be that of a budding scholar or a seasoned academic. Comprising over a hundred concise and authoritative essays written by leading scholars in the field, this volume explains in a clear and inviting way the emergence, context, evolution and current status of key criminological theories and conceptual themes. The Companion is divided into six historical and thematic parts, each introduced by the editors and containing a selection of accessible and engaging short essays written specifically for this text: Foundations of criminological thought and contemporary revitalizations The emergence and growth of American criminology From appreciation to critique Late critical criminologies and new directions Punishment and security Geographies of crime Comprehensive cross-referencing between entries will provide the reader with signposts to later developments, to critiques and to associated theoretical developments explored within the book, and lists of further reading in every entry will encourage independent thinking and study. This book is an essential reference work for criminology students at all levels and is the perfect companion for courses on criminological theory.

Encyclopedia of Primary Education

Winning Wars Before They Emerge

Innovative Mobile Learning: Techniques and Technologies

Guided Self-Organization: Inception

Based on an Interdisciplinary Symposium 'The Nature of Culture', Tübingen, Germany

Putting Civil Society in Its Place

The International Handbook on Social Innovation

"This book focuses on the study and application of human computer interaction principles in the design of online education"--Provided by publisher.

Integrates social media, social network analysis, and data mining to provide an understanding of the potentials of social media mining.

The cognitive abilities of birds are remarkable: hummingbirds integrate spatial and temporal information about food sources, day-old chicks have a sense of numbers, parrots can make and use tools, and ravens have sophisticated insights in social relationships. This volume describes the full range of avian cognitive abilities, the mechanisms behind such abilities and how they relate to the ecology of the species. Synthesising the latest research in avian cognition, a range of experts in the field provide first-hand insights into experimental procedures, outcomes and theoretical advances, including a discussion of how the findings in birds relate to the cognitive abilities of other species, including humans. The authors cover a range of topics such as spatial cognition, social learning, tool use, perceptual categorization and concept learning, providing the broader context for students and researchers interested in the current state of avian cognition research, its key questions and appropriate experimental approaches.

This title was first published in 2001. Offering a fascinating new perspective on the processes of technical and social change, this book complements contemporary innovation studies by adopting an integrative perspective on social learning as characterized by the introduction of educational multimedia. The contributors provide insights into policy making in the fields of education and multimedia, educational practices related to the use of multimedia and wider processes of technical change. Accessible in style, the book will appeal to researchers and policy makers alike and will be of particular relevance to those interested in education, media, science and technology.

Fish Cognition and Behavior

Advances in Spatial and Temporal Databases

Neural basis of social learning, social deciding, and other-regarding preferences

Child and Adolescent Development
Learning from Dynamic Visualization
Techniques and Technologies
Social Media Mining

*To avoid preparing to wage battles against our opponents in future wars, we should proactively and continuously influence the narrative identity structures of our potential opponents by using Strategic Communications (StratCom). This book argues that nations and societies of tolerance and pluralism (the so-called wonderful societies) should utilize StratCom to seduce their enemies, opponents, and potential opponents not only to behave in more tolerant ways, but above all to internalize peace, tolerance, and pluralism as essential values and guiding mental institutions of their identity structures. Winning Wars Before They Emerge will be of interest to students, lecturers and researchers of international relations and world politics, peace researchers, and information operations practitioners, as well as military personnel. War and the art of war are issue areas that have been widely dealt with in numerous books and widely taught in various universities and defense colleges/universities, but not from the perspective offered in this book.*

*How to live well and the search for meaning have long been of intense concern to humans, perhaps because Homo sapiens is the only species aware of its own mortality. In the last few decades, empirical psychology made a major contribution to this quest. This book surveys groundbreaking work by leading international researchers, demonstrating that social psychology is the core discipline for understanding well-being and the search for meaning. Basic conceptual and theoretical principles are discussed, drawing on philosophy, evolutionary theory and psychology, followed by a review of the role of purposeful, motivated activity and self-control in achieving life satisfaction. The role of emotional and cognitive processes and the influence of social, interpersonal and cultural factors in promoting a happy and meaningful life are discussed. The book will be of interest to students, practitioners and researchers in the behavioral and social sciences, as well as to laypersons for whom improving the quality of human life and understanding the principles of well-being are of interest.*

*This volume constitutes the refereed proceedings of the 11th International Symposium on Spatial and Temporal Databases, SSTD 2009, held in Aalborg, Denmark, in July 2009. The 20 revised full papers presented together with 3 keynotes, 7 short papers, and 10 demonstration papers, were thoroughly reviewed and selected from a total of 62 research submissions and 11 demonstration submissions. The papers are organized in topical sections on spatial and flow networks, integrity and security, uncertain data and new technologies, indexing and monitoring moving objects, advanced queries, as well as on models and languages.*

*Actors and Agency in Global Social Governance seeks to advance our understanding of the global dimension of social policy by applying the notion of global social governance on actors, their relations to each other, and their pathways as well as their footprints of influence in the specific policy fields of social concern in which they are active. Focusing on a broad array of individual and corporate global social policy actors, ranging from internationally operating intergovernmental organizations to state formations and NGOs, the contributions to this volume draw a fuller picture of agency in global social policy than what current accounts provide. It considers the multiple facets of individual scope and legitimacy for a particular actor in conjunction with the configuration of global social governance as characterised by multi-centred and multi-scaled obstacles as well as diverse forms of collaboration. The volume studies the contextualised actor's range and power in designing, shaping, and facilitating various global social policies. Thus, the contributions discuss the role of particular (corporate) actors within global social policy structures and assess the impact of a number of key organizations, states, groups, and individuals in the governance of global social policy. At the same time, a variety of social policy fields in which these actors are involved are addressed, including labour market issues, family policy, health policy, education policy, migration issues, and global (re)distribution via various forms of development aid or remittances.*

*Social Learning in Environmental Management*
*Proceedings of the 2nd International Conference on Automated Production of Cross Media Content for Multi-channel Distribution ...*
*The Introduction of Multimedia in Education*
*Emerging Research and Opportunities*
*A Biosocial Perspective*
*Electronic Government and the Information Systems Perspective*
*Vehicular Social Networks*

This title invites readers to discover the simple heuristics that people use to navigate the complexities and surprises of environments populated with others.
In the past two decades, governance theories have arisen semi-independently across multiple disciplines. In law and regulation, planning, democratic theory, economics, public management, and international

relations, among other disciplines, scholars have sought to describe new strategies of governing. As a result, the notion of governance is now one of the most frequently used social science concepts in the world. No single theory encompasses this diverse body of work, but rather multiple theories with different aims and perspectives. The Handbook on Theories of Governance collects these theories of governance together as an analytical resource for governing in an increasingly complex, fragmented and dynamic society.

Humans and many other social animals decide, or learn when necessary, what to do in a given social situation by assessing a range of variables related to social states (e.g., competitive or cooperative), others' overt behavior (e.g., response choices and outcomes), others' covert mental states (e.g., beliefs, intentions and desires), and one's own interpersonal inclination (e.g. other-regarding preferences and generosity). Recent studies in social neuroscience have begun to uncover how such social variables are processed, encoded, and integrated in the brain. The goal of the current Research Topic is to promote a better understanding of neural basis of social learning, social decision-making, and other-regarding preferences.

Through theories of metagovernance and case studies of mobilisations against economic and social problems, Bob Jessop explores the idea of civil society as a mode of governance. Reviewing concepts of self-emancipation and self-responsibilisation, he challenges conventional thinking and identifies lessons for future social innovation.

An Advanced Course

Simple Heuristics in a Social World

SOCIAL LEARNING PLATFORM

Axmedis 2006

Handbook on Cities and Complexity

Digital Social Networks and Travel Behaviour in Urban Environments

Innovations in Research and Application

*This book provides a comprehensive yet accessible overview of landsystems vulnerability assessment in Asia – fundamental to theunderstanding of the link between global change, environmentalsustainability and human wellbeing. The extent and intensity ofhuman interactions with the environment have increasedspectacularly since the Industrial Revolution. Thus, the globalchange research community and development practitionersincreasingly recognize the need to address the adverse consequencesof changes taking place in the structure and function of thebiosphere and the implications for society. With a focus onAsia, this book provides an overview of the vulnerability of landsystems and the subsequent multiple stressors in this region. Thebook offers a discussion surrounding the potential causal processesthat affect land systems vulnerability and our capacity to copewith different perturbations. It also identifies factors that helpto integrate vulnerability assessment into policy anddecision-making. • Addresses the complex issues arising fromhuman-environment interactions that cannot be satisfactorilydealt with by core disciplinary methods alone. • Key coverage of a variety of topics from thevulnerability of smallholder agriculture and urban systems to theimpact of socioeconomic processes at the sub-regional level. • Coverage of the causal processes that affect landsystems vulnerability and capacity to cope with differentperturbations are documented. • Focus on integrating vulnerability assessment intopolicies and decision-making • Includes contributions from leading academics in thefield.*

*Unique in its field, the Encyclopedia of Primary Education brings together a wide-ranging body of information relating to current educational practice in a single indispensable volume. This book provides a series of descriptions, definitions and explanations that engage with important practical and conceptual ideas in primary education and contains over 500 entries incorporating: Curriculum subjects, themes and topics Theories, policies and educational controversies Pedagogical terms relating to teaching and learning Commentaries on current issues in primary education Influential figures in education, both past and present The impact of educational research on policy and practice Based on the author's extensive experience in primary education, entries combine an interrogation of educational concepts with the pedagogical and practical implications for classroom practice, children's learning and school management. This handy reference work will be invaluable to anyone currently teaching or training to teach at primary level, teaching assistants, school governors and parents. In fact it is essential reading for anyone with an interest and passion for primary education.*

*The relations between behavior, evolution, and culture have been a subject of vigorous debate since the publication of Darwin's The Descent of Man (1871). The latest volume of Perspectives in Ethology brings anthropologists, ethologists, psychologists, and evolutionary theorists together to reexamine this important relation. With two exceptions (the essays by Brown and Eldredge), all of the present essays were originally presented at the Fifth Biannual Symposium on the Science of Behavior held in Guadalajara, Mexico, in February 1998. The volume opens with the problem of the origins of culture, tackled from two different viewpoints by Richerson and Boyd, and Lancaster, Kaplan, Hill, and Hurtado, respectively. Richerson and Boyd analyze the possible relations between climatic change in the Pleistocene and the evo lution of social learning, evaluating the boundary conditions under which social learning could increase fitness and contribute to culture. Lancaster, Kaplan, Hill, and Hurtado examine how a shift in the diet of the genus Homo toward difficult-to-acquire food could have determined (or coe volved with) unique features of the human life cycle. These two essays illus trate how techniques that range from computer modeling to comparative behavioral analysis, and that make use of a wide range of data, can be used for drawing inferences about past selection*

*pressures. As culture evolves, it must somehow find its place within (and also affect) a complex hierarchy of behavioral and biological factors.*

*"This book includes the challenges and practical experience of the design of M-Learning environments, covering current developments in M-learning experiences in both academia and industry"--Provided by publisher.*

*Learning Social Links and Communities from Interaction, Topical, and Spatio-Temporal Information*

*Social Learning*

*Psychological and Biological Perspectives*

*Water for Food Security, Nutrition and Social Justice*

*Handbook on Theories of Governance*

*Mammalian Social Learning*

ÔThe challenges of poverty and social exclusion cannot be fully resolved through conventional public sector policies and market-led innovation. The case studies in this Handbook capture some of the key success factors of socially innovative action in different socio-economic contexts. This Handbook will inspire readers as it highlights the creativity and commitment of diverse enterprises and movements working for social innovation.Õ Ð Anna Kajumulo Tibaijuka, Minister for Lands, Housing and Human Settlements, United Republic of Tanzania, and retired UN Under Secretary General, immediate former Executive Director of UN-HABITAT ÔSocial innovation may not be a new idea but it is clearly an idea whose time has come, not least because the traditional models of innovation Ð narrowly framed technical models Ð have run their course and no longer resonate in a world of societal challenges. This Handbook has two great merits Ð it brings conceptual rigour to the debate and it provides compelling narratives of social innovation in practice.Õ Ð Kevin Morgan, Cardiff University, UK ÔIn an era where social innovation is re-emerging as an important policy framework for bringing social transformation, this volume is a significant contribution to the theory and practice of social innovation. The incremental discussion from concepts to theory to practice and then to social innovation research is supported by cases literally from all over the globe. It moves the discourse from isolated models of neighbourhood engagements and social enterprises, to a comprehensive, multidimensional approach combining needs, social relations and empowerment. A must read for academicians, learners, practitioners and policy makers alike.Õ Ð S. Parasuraman, Tata Institute of Social Sciences, Mumbai, India ÔSocial innovation is an important instrument for understanding how contemporary societies deal with social change and how social practices and policies intended to combat poverty and social exclusion are developed and implemented effectively. The Handbook offers a valuable contribution to the development of a clear, transdisciplinary and critical understanding of social innovation practices. The reader will find an in-depth discussion of the most important theoretical approaches to the concept and a thorough exposition of the epistemological and methodological framework for research in social innovation. The volume includes a number of interesting case studies in different areas of social change and issues of policy and governance.Õ Ð Enzo Mingione, University of Milano-Bicocca, Italy This enriching Handbook covers many aspects of the scientific and socio-political debates on social innovation today. The contributors provide an overview of theoretical perspectives, methodologies and instructive experiences from all continents, as well as implications for collective action and policy. They argue strongly for social innovation as a key to human development. The Handbook defines social innovation as innovation in social relations within both micro and macro spheres, with the purpose of satisfying unmet or new human needs across different layers of society. It connects social innovation to empowerment dynamics, thus giving a political character to social movements and bottom-up governance initiatives. Together these should lay the foundations for a fairer, more democratic society for all. This interdisciplinary work, written by scholars collaborating to develop a joint methodological perspective toward social innovation agency and processes, will be invaluable for students and researchers in social science and humanities. It will also appeal to policy makers, policy analysts, lobbyists and activists seeking to give inspiration and leadership from a social innovation perspective.

Since the early days of formalized large-scale testing, there have been efforts to understand learners in order to provide better aligned learning opportunities and accommodations. What has been less explored has been how prospective and current target learners are profiled as target groups to adapt the learning to them, both statically (such as in pre-learning biographical profiling) and dynamically (on-the-fly as they interact with learning contents in online learning systems). This work takes more of a micro-scale and meso-scale approach, and these often involve both formal and informal means and creative teaching-and-learning accommodations. Profiling Target Learners for the Development of Effective Learning Strategies: Emerging Research and Opportunities is a critical scholarly resource that focuses on the practice of profiling prospective and current target learners through manual and computational means in order to better meet and improve their online and offline learning needs, as well as how those profiles influence the design, development, and provision of learning experiences. Featuring a wide range of topics such as diversity, curriculum design, and online learning, this book is ideal for educators, curriculum developers, instructional designers, principals, educational software developers, administrators, policymakers, academicians, researchers, and students.

Is it possible to guide the process of self-organisation towards specific patterns and outcomes? Wouldn't this be self-contradictory? After all, a self-organising process

assumes a transition into a more organised form, or towards a more structured functionality, in the absence of centralised control. Then how can we place the guiding elements so that they do not override rich choices potentially discoverable by an uncontrolled process? This book presents different approaches to resolving this paradox. In doing so, the presented studies address a broad range of phenomena, ranging from autopoietic systems to morphological computation, and from small-world networks to information cascades in swarms. A large variety of methods is employed, from spontaneous symmetry breaking to information dynamics to evolutionary algorithms, creating a rich spectrum reflecting this emerging field. Demonstrating several foundational theories and frameworks, as well as innovative practical implementations, Guided Self-Organisation: Inception, will be an invaluable tool for advanced students and researchers in a multiplicity of fields across computer science, physics and biology, including information theory, robotics, dynamical systems, graph theory, artificial life, multi-agent systems, theory of computation and machine learning.

How can we understand and achieve sustainability? How can we re-school society towards sustainability? Throughout life we learn, we develop meanings and connections, and we act. This book explores the possibilities for developing a sustainable society thr

Social Learning Technologies

From Kinetic Warfare to Strategic Communications as a Proactive and Mind-Centric Paradigm of the Art of War

Creating an Optimal Education Experience

Affective, Interactive and Cognitive Methods for E-Learning Design: Creating an Optimal Education Experience

Knowing in Organizations