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Post-harvest Pathology Dov Prusky 2009-12-01

As a collection of papers that includes material presented at the 2008 International Congress for Plant Pathology, this text features research right at the leading edge of the field. The latest findings are particularly crucial in their implications for fruit production; an important market sector where in some areas up to 50 per cent of the crop can be lost after harvest. While post-harvest fruit treatments with fungicides are the most effective means to reduce decay, rising concerns about toxicity have led to the development of alternative approaches to disease control, including biological methods, the subject of three chapters of this book. With several new techniques requiring modification of current post-harvest practices, it is more important than ever to stay abreast of the latest information. Other chapters deal with the mechanisms of host fruit and vegetable resistance, fungal pathogenicity factors and their relationship with the host response, and a number of subjects related to disease assessments before harvest as well as their relationship to the postharvest treatment of fruits and vegetables. The book also includes several useful case studies of crops such as kiwifruit and peaches, where different approaches at the pre- and post-harvest levels are combined to good effect. With food production issues gaining an ever higher profile internationally, this text makes an important contribution to the debate.

Trends in Wireless Communication and Information Security - Mithun Chakraborty 2021-04-22

This book presents best selected papers presented at the International Conference on Emerging Wireless Communication Technologies and Information Security (EWCIS 2020), held from 8th & 9th October 2020 at Amity University Jharkhand, Ranchi, India. The book includes papers in the research area of wireless communications and intelligent systems, signal and image processing in engineering applications, data communication and information security, IoT and cloud computing. The contribution ranges from scientists, engineers and technologists from academia as well as from industry.

ICCCE 2020 - Amit Kumar 2020-10-11

This book is a collection of research papers and articles presented at the 3rd International Conference on Communications and Cyber-Physical Engineering (ICCCE 2020), held on 1-2 February 2020 at CMR Engineering College, Hyderabad, Telangana, India. Discussing the latest developments in voice and data communication engineering, cyber-physical systems, network science, communication software, image and multimedia processing research and applications, as well as communication technologies and other related technologies, it includes contributions from both academia and industry. This book is a valuable resource for scientists, research scholars and PG students working to formulate their research ideas and find the future directions in these areas. Further, it may serve as a reference work to understand the latest engineering and technologies used by practicing engineers in the field of communication engineering.

Proceedings of International Conference on Trends in Computational and Cognitive Engineering Shamim Kaiser 2020-12-16

This book presents various computational and cognitive modeling approaches in the areas of health, education, finance, environment, engineering, commerce, and industry. It is a collection of selected conference papers presented at the International Conference on Trends in Computational and Cognitive Engineering (TCCE 2020). It shares cutting-edge insights and ideas from mathematicians, engineers, scientists, and researchers and discusses fresh perspectives on problem solving in a range of research areas.

Frequent Pattern Mining - Charu C. Aggarwal 2014-08-29

This comprehensive reference consists of 18 chapters from prominent researchers in the field. Each chapter is self-contained, and synthesizes one aspect of frequent pattern mining. An emphasis is placed on simplifying the content, so that students and practitioners can benefit from the book. Each chapter contains a survey describing key research on the topic, a case study and future directions. Key topics include: Pattern Growth Methods, Frequent Pattern Mining in Data Streams, Mining Graph Patterns, Big Data Frequent Pattern Mining, Algorithms for Data Clustering and more. Advanced-level students in computer science, researchers and practitioners from industry will find this book an invaluable reference.

Transition Strategies for Sustainable Community Systems - Amar KJR Nayak 2019-01-23

This book presents five critical dimensions on relationships, institutions, production, organisation, and governance from design and systems perspectives for the systematic transition of unstable and vulnerable communities across the world to sustainable community systems. • The first section discusses features of relationships and processes to deepen cooperation and trust within a community. • The second section examines institutions within and outside a district to foster synergy across institutions within a district and to minimise negative externalities on local communities within a district. • The third section deals with food production systems that are nature-friendly, resilient, efficient and sustainable. • The fourth section discusses the design of producer organisations that can graduate to become sustainable community enterprise systems. • The fifth section focuses on community governance that can facilitate decentralised, participatory, transparent and democratic local governance systems. This book • offers a fresh perspective on design thinking for optimising internal design consistencies. • provides a systems perspective on building sustainable community systems at the lowest governance unit in different countries, such as Ward/Gram Panchayat/Panchayat Council/Gewong/Union Council/GN. • gives insights into design & systems perspectives towards building sustainable community systems within a district of any country across the/divworld.

Data Science and Analytics - Brajendra Panda 2018-03-07

This book constitutes the refereed proceedings of the 4th International Conference on Recent Developments in Science, Engineering and Technology, REDSET 2017, held in Gurgaon, India, in October 2017. The 66 revised full papers presented were carefully reviewed and selected from 329 submissions. The papers are organized in topical sections on big data analysis, data centric programming, next generation computing, social and web analytics, security in data science analytics.

ICT Analysis and Applications - Simon Fong 2020-02-03

This book proposes new technologies and discusses future solutions for ICT design infrastructures, as reflected in high-quality papers presented at the 4th International Conference on ICT for Sustainable Development (ICT4SD 2019), held in Goa, India, on 5-6 July 2019. The conference provided a valuable forum for cutting-edge research discussions among pioneering researchers, scientists, industrial engineers, and students from all around the world. Bringing together experts from different countries, the book explores a range of central issues from an international perspective.

Indian Banking - R Parameswaran 2001

INDIAN BANKING FOR STUDENTS OF B.COM/B.A & MANAGEMENT COURSES

Computing, Analytics and Networks - Rajnish Sharma 2018-07-06

This book constitutes the revised selected papers from the First International Conference on Computing, Analytics and Networks, ICAN 2017, held in Rajpura, India, in October 2017. The 20 revised full papers presented in this volume were carefully reviewed and selected from 56 submissions. They are organized in topical sections on Mobile Cloud Computing; Big Data Analytics; Secure Networks. Five papers in this book are available open access under a Creative Commons Attribution 4.0 International License via link.springer.com. For further details, please see the copyright page.

Innovation and Small Business - Volume 1 -

Space-time Codes and MIMO Systems - Mohinder Jankiraman 2004

Annotation "This resource takes professionals step by step from the basics of MIMO through various coding techniques, to critical topics such as multiplexing and packet transmission. Practical examples are emphasized and mathematics is kept to a minimum, so readers can quickly and thoroughly understand the essentials of MIMO. The book takes a systems view of MIMO technology that helps professionals analyze the benefits and drawbacks of any MIMO system."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved.

Analysis of Images, Social Networks and Texts - Wil M.P. van der Aalst 2017-12-20

This book constitutes the proceedings of the 6th International Conference on Analysis of Images, Social Networks and Texts, AIST 2017, held in Moscow, Russia, in July 2017. The 29 full papers and 8 short papers were carefully reviewed and selected from 127 submissions. The papers are organized in topical sections on natural language processing; general topics of data analysis; analysis of images and video; optimization problems on graphs and network structures; analysis of dynamic behavior through event data; social network analysis.

On a Routing Problem - Richard Bellman 1956

An attempt to determine an optimal route from one point to another, given a set of N cities, with every two linked by a road, and the times required to transverse these roads. The times are not directly proportional to the distances because of the varying quality of roads and quantities of traffic. The functional equation technique of dynamic programming, combined with approximation in policy space, yields an iterative algorithm which converges after a finite number of iterations bounded in advance.

Expansive Soils - Amer Ali Al-Rawas 2006-06-08

Expansive Soils provides the reader with easy and specific access to problems associated with expansive soils, characteristics and treatment, and evaluation and remediation. Set up with contributions from worldwide expert, this main reference guide is intended for engineers, researchers and senior students working on soil

ICT Analysis and Applications - Simon Fong 2022-01-07

This book proposes new technologies and discusses future solutions for ICT design infrastructures, as reflected in high-quality papers presented at the 6th International Conference on ICT for Sustainable Development (ICT4SD 2021), held in Goa, India, on 5-6 August 2021. The book covers the topics such as big data and data mining, data fusion, IoT programming toolkits and frameworks, green communication systems and network, use of ICT in smart cities, sensor networks and embedded system, network and information security, wireless and optical networks, security, trust, and privacy, routing and control protocols, cognitive radio and networks, and natural language processing. Bringing together experts from different countries, the book explores a range of central issues from an international perspective.

Introduction to Computer Science - Jean-Paul Tremblay 1989

New Trends in Computational Vision and Bio-inspired Computing - S. Smys 2020-09-27

This volume gathers selected, peer-reviewed original contributions presented at the International Conference on Computational Vision and Bio-inspired Computing (ICCVBIC) conference which was held in Coimbatore, India, on November 29-30, 2018. The works included here offer a rich and diverse sampling of recent developments in the fields of Computational Vision, Fuzzy, Image Processing and Bio-inspired Computing. The topics covered include computer vision; cryptography and digital privacy; machine learning and artificial neural networks; genetic algorithms and computational intelligence; the Internet of Things;

and biometric systems, to name but a few. The applications discussed range from security, healthcare and epidemic control to urban computing, agriculture and robotics. In this book, researchers, graduate students and professionals will find innovative solutions to real-world problems in industry and society as a whole, together with inspirations for further research.

Untouchability in Rural India - Ghanshyam Shah 2006-08-07

This important book presents systematic evidence of the incidence and extent of the practice of untouchability in contemporary India. It is based on the results of a very large survey covering 560 villages in 11 states, which found that untouchability continues to be widely prevalent and is practiced in one form or another in almost 80 percent of the villages. While the evidence presented in this book suggests that the more blatant and extreme forms of untouchability appear to have declined, discrimination continues and is most prevalent in the religious and personal spheres. The authors show that the notion of untouchability continues to pervade the public sphere, including in a host of state institutions and the interactions that occur within them.

Learning with Adults - Peter Mayo 2014-01-06

This anthology brings together some of the finest writers on different aspects of adult education and related areas to provide a complementary reader to the introductory text by Leona English and Peter Mayo *Learning with Adults: A Critical Introduction*. Areas tackled include Disability, Prisons, Third Age Universities, Lifelong Learning Policy, Learning Society, Poverty, LGBTQ, Sport, Women, Literacy, Transformative Learning, Community Arts, Aesthetics, Consumption, Migration, Libraries, Folk High Schools, Adult Education Policy, Subaltern Southern Social Movements, Social Creation, Community Radio, Social Film. Contexts focused on include Africa, Caribbean, Europe, Latin America, Asia (India), small island states. Over thirty authors involved including Zygmunt Bauman, Rosa Maria Torres, Oskar Negt, Antonia Darder, Jim Elmborg, D. W. Livingstone, Palle Rasmussen, Mae Shaw, Leona English, Asoke Bhattacharya, Cynthia L. Pemberton, Eileen Casey White, Daniel Schugurensky, Dip Kapoor, Peter Rule, John Myers, Joseph Giordmaina, Antonia De Vita, Alexis Kokkos, Marvin Formosa, Carmel Borg, Julia Preece, Patricia Cranton, Lyn Tett, Ali A. Abdi, Anna Maria Piussi, Behrang Foroughi, Taadi Ruth Modipa, Robert Hill, Edward Shiza, Kaela Jubas and Didacus Jules. ... *Learning with Adults: A Reader* constitutes the most valuable practical and theoretical reflection on adult education I have seen in a long time. Nelly P. Stromquist, Professor, International Education Policy, College of Education University of Maryland, College Park ... This book provides an opportunity at a very appropriate moment to discuss adult education issues during challenging times. Paula Guimarães, University of Lisbon ... Read and savour delights and surprises. Michael Welton, UBC and Athabasca University This book satisfies everything one could desire of a reader on the subject. Kenneth Wain, University of Malta

Philosophical Remarks - Ludwig Wittgenstein 1980-10-15

When in May 1930, the Council of Trinity College, Cambridge, had to decide whether to renew Wittgenstein's research grant, it turned to Bertrand Russell for an assessment of the work Wittgenstein had been doing over the past year. His verdict: "The theories contained in this new work . . . are novel, very original and indubitably important. Whether they are true, I do not know. As a logician who likes simplicity, I should like to think that they are not, but from what I have read of them I am quite sure that he ought to have an opportunity to work them out, since, when completed, they may easily prove to constitute a whole new philosophy." "[Philosophical Remarks] contains the seeds of Wittgenstein's later philosophy of mind and of mathematics. Principally, he here discusses the role of indispensable in language, criticizing Russell's *The Analysis of Mind*. He modifies the Tractatus's picture theory of meaning by stressing that the connection between the proposition and reality is not found in the picture itself. He analyzes generality in and out of mathematics, and the notions of proof and experiment. He formulates a pain/private-language argument and discusses both behaviorism and the verifiability principle. The work is difficult but important, and it belongs in every philosophy collection."—Robert Hoffman, *Philosophy* "Any serious student of Wittgenstein's work will want to study his *Philosophical Remarks* as a transitional book between his two great masterpieces. The *Remarks* is thus indispensable for anyone who seeks a complete understanding of Wittgenstein's philosophy."—Leonard Linsky, *American Philosophical Association*

Modern Maximum Power Point Tracking Techniques for Photovoltaic Energy Systems - Ali M. Eltamaly

2019-08-01

This book introduces and analyses the latest maximum power point tracking (MPPT) techniques, which can effectively reduce the cost of power generated from photovoltaic energy systems. It also presents a detailed description, analysis, and comparison of various MPPT techniques applied to stand-alone systems and those interfaced with electric utilities, examining their performance under normal and abnormal operating conditions. These techniques, which can be conventional or smart, are a current hot topic, and this book is a valuable reference resource for academic researchers and industry professionals who are interested in exploring and implementing advanced MPPT for photovoltaic systems. It is also useful for graduate students who are looking to expand their knowledge of MPPT techniques.

AI and Machine Learning Paradigms for Health Monitoring System - Hasmat Malik 2021-02-14

This book embodies principles and applications of advanced soft computing approaches in engineering, healthcare and allied domains directed toward the researchers aspiring to learn and apply intelligent data analytics techniques. The first part covers AI, machine learning and data analytics tools and techniques and their applications to the class of several hospital and health real-life problems. In the later part, the applications of AI, ML and data analytics shall be covered over the wide variety of applications in hospital, health, engineering and/or applied sciences such as the clinical services, medical image analysis, management support, quality analysis, bioinformatics, device analysis and operations. The book presents knowledge of experts in the form of chapters with the objective to introduce the theme of intelligent data analytics and discusses associated theoretical applications. At last, it presents simulation codes for the problems included in the book for better understanding for beginners.

Learning and Soft Computing - Vojislav Kecman 2001

This textbook provides a thorough introduction to the field of learning from experimental data and soft computing. Support vector machines (SVM) and neural networks (NN) are the mathematical structures, or models, that underlie learning, while fuzzy logic systems (FLS) enable us to embed structured human knowledge into workable algorithms. The book assumes that it is not only useful, but necessary, to treat SVM, NN, and FLS as parts of a connected whole. Throughout, the theory and algorithms are illustrated by practical examples, as well as by problem sets and simulated experiments. This approach enables the reader to develop SVM, NN, and FLS in addition to understanding them. The book also presents three case studies: on NN-based control, financial time series analysis, and computer graphics. A solutions manual and all of the MATLAB programs needed for the simulated experiments are available.

ICT Analysis and Applications - Simon Fong 2021-12-17

This book proposes new technologies and discusses future solutions for ICT design infrastructures, as reflected in high-quality papers presented at the 5th International Conference on ICT for Sustainable Development (ICT4SD 2020), held in Goa, India, on 23-24 July 2020. The conference provided a valuable forum for cutting-edge research discussions among pioneering researchers, scientists, industrial engineers, and students from all around the world. Bringing together experts from different countries, the book explores a range of central issues from an international perspective.

Advances in Automatic Text Summarization - Inderjeet Mani 1999

Until now there has been no state-of-the-art collection of the most important writings in automatic text summarization. This book presents the key developments in the field in an integrated framework and suggests future research areas. With the rapid growth of the World Wide Web and electronic information services, information is becoming available on-line at an incredible rate. One result is the oft-decried information overload. No one has time to read everything, yet we often have to make critical decisions based on what we are able to assimilate. The technology of automatic text summarization is becoming indispensable for dealing with this problem. Text summarization is the process of distilling the most important information from a source to produce an abridged version for a particular user or task. Until now there has been no state-of-the-art collection of the most important writings in automatic text summarization. This book presents the key developments in the field in an integrated framework and suggests future research areas. The book is organized into six sections: Classical Approaches, Corpus-Based Approaches, Exploiting Discourse Structure, Knowledge-Rich Approaches, Evaluation Methods, and New Summarization Problem Areas. Contributors D. A. Adams, C. Aone, R. Barzilay, E. Bloedorn, B.

Boguraev, R. Brandow, C. Buckley, F. Chen, M. J. Chrzanowski, H. P. Edmundson, M. Elhadad, T. Firmin, R. P. Futrelle, J. Gorlinsky, U. Hahn, E. Hovy, D. Jang, K. Sparck Jones, G. M. Kasper, C. Kennedy, K. Kukich, J. Kupiec, B. Larsen, W. G. Lehnert, C. Lin, H. P. Luhn, I. Mani, D. Marcu, M. Maybury, K. McKeown, A. Merlino, M. Mitra, K. Mitze, M. Moens, A. H. Morris, S. H. Myaeng, M. E. Okurowski, J. Pedersen, J. J. Pollock, D. R. Radev, G. J. Rath, L. F. Rau, U. Reimer, A. Resnick, J. Robin, G. Salton, T. R. Savage, A. Singhal, G. Stein, T. Strzalkowski, S. Teufel, J. Wang, B. Wise, A. Zamora
Plasma Technologies for Textiles - Reshan Shishoo 2007-02-21

Plasma technologies present an environmentally-friendly and versatile way of treating textile materials in order to enhance a variety of properties such as wettability, liquid repellency, dyeability and coating adhesion. Recent advances made in commercially viable plasma systems have greatly increased the potential of using plasma technology in industrial textile finishing. This pioneering book provides an essential guide to both the technology and science related to plasmas and its practical applications in the textile industry. The first part of the book discusses the science and technology behind plasmas. Chapters give detailed and comprehensive descriptions on the characteristics of plasmas and methods of control and treatment in the processing of textiles. Both low pressure cold plasma and atmospheric pressure cold plasma processes are described as well as the diagnosis and control of plasma parameters in plasma generating reactors. A chapter is devoted to the use of plasma technology to achieve nanoscale treatment of textile surfaces. The second part of the book concentrates on specific applications of plasma technologies. Chapters cover treatments for water and oil repellency of textiles, engineering of biomedical textiles and woollen finishing techniques through the use of plasma technologies. Further chapters cover the modification of fibres for use in composites and the potential use of plasma technologies for the finishing of fabrics made of man made fibres. The final chapter in the book gives a comprehensive analysis of the surface chemical and physical characterisation of plasma treated fabrics. Written by a distinguished international team of experts, Plasma technologies for textiles is an invaluable reference for researchers, scientists and technologists alike. Summarises both the science and technology of plasma processing, and its practical applications. Discusses how plasma technology improves textile properties such as wettability and liquid repelling. An invaluable reference for researchers, scientists and technologists.

Online News and the Public - Michael B. Salwen 2004-12-13

Offers insights on the state of online news, exploring the issues surrounding this convergence of print and electronic platforms, and the public's response to it. The heart of the book is formed by empirical studies - mostly social surveys - coming out of the media effects and uses traditions.

Electromagnetic Time Reversal - Farhad Rachidi 2017-01-04

The aim of this book is to familiarize the reader with the concept of electromagnetic time reversal, and introduce up-to-date applications of the concept found in the areas of electromagnetic compatibility and power systems. It is original in its approach to describing propagation and transient issues in power networks and power line communication, and is the result of the three main editors' pioneering research in the area.

2016 Global hunger index - von Grebmer, Klaus 2016-10-11

The 2016 Global Hunger Index (GHI) presents a multidimensional measure of national, regional, and global hunger, focusing on how the world can get to Zero Hunger by 2030. The developing world has made substantial progress in reducing hunger since 2000. The 2016 GHI shows that the level of hunger in developing countries as a group has fallen by 29 percent. Yet this progress has been uneven, and great disparities in hunger continue to exist at the regional, national, and subnational levels. Levels of hunger are still serious or alarming in 50 countries. The highest hunger levels are still found in Africa south of the Sahara and South Asia. Although GHI scores for these two regions have declined over time, the current levels remain close to the alarming category. Africa south of the Sahara has achieved the largest absolute improvement since 2000 and South Asia has also seen a sizable reduction—but the decline in hunger must accelerate in these regions if the world is to achieve Zero Hunger by 2030. The 2016 report, with an essay from United Nations Special Adviser David Nabarro, hails the new paradigm of international development proposed in the United Nations' 2030 Agenda for Sustainable Development, which envisages Zero Hunger by 2030, as one goal among 17, in a holistic, integrated, and transformative plan for the world. To get to

Zero Hunger while leaving no one behind, the 2016 GHI highlights the importance of identifying the regions, countries, and populations that are most vulnerable to hunger and undernutrition so progress can be accelerated there.

Securing the Internet of Things: Concepts, Methodologies, Tools, and Applications - Management Association, Information Resources 2019-09-06

The ubiquity of modern technologies has allowed for increased connectivity between people and devices across the globe. This connected infrastructure of networks creates numerous opportunities for applications and uses. As the applications of the internet of things continue to progress so do the security concerns for this technology. The study of threat prevention in the internet of things is necessary as security breaches in this field can ruin industries and lives. *Securing the Internet of Things: Concepts, Methodologies, Tools, and Applications* is a vital reference source that examines recent developments and emerging trends in security and privacy for the internet of things through new models, practical solutions, and technological advancements related to security. Highlighting a range of topics such as cloud security, threat detection, and open source software, this multi-volume book is ideally designed for engineers, IT consultants, ICT procurement managers, network system integrators, infrastructure service providers, researchers, academics, and professionals interested in current research on security practices pertaining to the internet of things.

Next Generation Information Processing System - Prachi Deshpande 2020-06-13

This book gathers high-quality research papers presented at the International Conference on Computing in Engineering and Technology (ICCET 2020) [formerly ICCASP], a flagship event in the area of engineering and emerging next-generation technologies jointly organized by the Dr. Babasaheb Ambedkar Technological University and MGM's College of Engineering in Nanded, India, on 9-11 January 2020. Focusing on next-generation information processing systems, this second volume of the proceedings includes papers on cloud computing and information systems, artificial intelligence and the Internet of Things, hardware design and communication, and front-end design.

Communication, Management and Information Technology - Marcelo Sampaio de Alencar 2016-11-03
Communication, Management and Information Technology contains the contributions presented at the International Conference on Communication, Management and Information Technology (ICCMIT 2016, Cosenza, Italy, 26-29 April 2016, organized by the Universal Society of Applied Research (USAR). The book aims at researchers, scientists, engineers, and scholar students interested or involved in Computer Science and Systems, Communication, and Management.

Smart Trends in Information Technology and Computer Communications - A.V. Deshpande 2018-08-20

This book constitutes the refereed proceedings of the Second International Conference on Smart Trends in Information Technology and Computer Communications, SmartCom 2017, held in Pune, India, in August 2017. The 38 revised papers presented were carefully reviewed and selected from 310 submissions. The papers address issues on smart and secure systems; smart and service computing; smart data and IT innovations.

Smart Systems: Innovations in Computing - Arun K. Somani 2021-09-03

This book features original papers from the 3rd International Conference on Smart IoT Systems: Innovations and Computing (SSIC 2021), presenting scientific work related to smart solution concepts. It discusses scientific works related to smart solutions concept in the context of computational collective intelligence consisted of interaction between smart devices for smart environments and interactions. Thanks to the high-quality content and the broad range of the topics covered, the book appeals to researchers pursuing advanced studies.

Publications Volume 9 - Boston [From Old Cat Bostonian Society 2016-05-24

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Analysis of Images, Social Networks and Texts - Wil M. P. van der Aalst 2020-02-01

This book constitutes the proceedings of the 8th International Conference on Analysis of Images, Social Networks and Texts, AIST 2019, held in Kazan, Russia, in July 2019. The 24 full papers and 10 short papers were carefully reviewed and selected from 134 submissions (of which 21 papers were rejected without being reviewed). The papers are organized in topical sections on general topics of data analysis; natural language processing; social network analysis; analysis of images and video; optimization problems on graphs and network structures; analysis of dynamic behaviour through event data.

Innovative markets for sustainable agriculture - Food and Agriculture Organization of the United Nations 2018-07-20

Between 2013 and 2015, the Food and Agriculture Organization of the United Nations (FAO) and the French National Institute for Agricultural Research (INRA) undertook a survey of innovative approaches that enable markets to act as incentives in the transition towards sustainable agriculture in developing countries. Through a competitive selection process, 15 cases from around the world provide insights into how small-scale initiatives that use sustainable production practices are supported by market demand, and create innovations in the institutions that govern sustainable practices and market exchanges. These cases respond to both local and distant consumers' concerns about the quality of the food that they eat. The book evidences that the initiatives rely upon social values (e.g. trustworthiness, health [nutrition and food safety], food sovereignty, promotion of youth and rural development, farmer and community livelihoods) to adapt sustainable practices to local contexts, while creating new market outlets for food products. Specifically, private sector and civil society actors are leading partnerships with the public sector to build market infrastructure, integrate sustainable agriculture into private and public education and extension programmes, and ensure the exchange of transparent information about market opportunities. The results are: (i) system innovations that allow new rules for marketing and assuring the sustainable qualities of products; (ii) new forms of organization that permit actors to play multiple roles in the food system (e.g. farmer and auditor, farmer and researcher, consumer and auditor, consumer and intermediary); (iii) new forms of market exchange, such as box schemes, university kiosks, public procurement or systems of seed exchanges; and (iv) new technologies for sustainable agriculture (e.g. effective micro-organisms, biopesticides and soil analysis techniques). The public sector plays a key role in providing legitimate political and physical spaces for multiple actors to jointly create and share sustainable agricultural knowledge, practices and products.

Business Intelligence and Analytics - Drew Bentley 2017-05-11

Data is raw facts and figures and information is meaningful data that would be helpful for a person or company. Business intelligence extracts information from raw data through tools like data mining, perspective analysis, online analytical processing etc. The textbook will provide comprehensive information to readers about business intelligence and analytics. This book explores all the important aspects of business intelligence and analytics in the present day scenario. The topics covered in this extensive book deal with the core subjects of business intelligence. It aims to serve as a resource guide for students and facilitate the study of the discipline.

Innovation and Small Business - Volume 2 -