Geography, Institutions and Regional Economic Performance

The book aims to present “traditional features” of regional science (as geographical concepts and institutions), as well as relatively new topics such as innovation and agglomeration economies. In particular, it demonstrates that, contrary to what has been argued by recent economics literature, both geography and institutions (or culture) are relevant for local development. In fact, these phenomena, along with the movement of goods and workers, are among the main reasons for persisting development differentials. These intriguing relationships are at the heart of the analysis presented in this book and form the conceptual basis for a promising institutional approach to economic geography.

Features
- The book offers an explicit analysis of the role of geography and institutions for local development.
- It offers a significant coverage of EU countries and emerging economies.
- Agglomeration economies and innovation are explicitly linked to immaterial (human-related) factors.

Contents
- Space, Growth and Development.
- Institutions and Culture.
- Agglomeration Economies and Innovation.
- Geography in Motion: Trade, FDI and Migrations.

Fields of interest
- Regional/Spatial Science; R & D/Technology Policy; European Integration

Target groups
- Research

Discount group
- Professional Non-Medical

International Trade and Unemployment
On the Redistribution of Trade Gains When Firms Matter

Economic theory and empirical research confirm that the rising international integration caused an increase in aggregate income at least for the industrialized countries, although trade liberalization is no Pareto improvement. In the empirical literature, there is a consensus that the international integration implies a destruction of low-skilled job vacancies and an increase in income, while the conclusions are mixed concerning the implication for the overall unemployment rate. This book seeks to find theoretical explanations to these empirical regularities. The book poses three questions: What are the implications of trade liberalization for the labor market in the presence of trade unions if we account for both firm and worker heterogeneity? What are the implications of a redistribution policy if the government chooses unemployment benefits to partially compensate the losers of trade liberalization?, and what is the optimal redistribution scheme for trade gains if the government explicitly takes into account the consequences for the income distribution? This book presents a rigorous theoretical analysis to answer the questions posed.

Contents
- Motivation.
- International trade and unemployment.
- The worker-selection effect.
- Unemployment benefits as redistribution scheme for trade gains.
- An optimal redistribution scheme for trade gains.

Fields of interest
- Labor Economics; International Economics.
- Economic Theory

Target groups
- Research

Discount group
- Professional Non-Medical

Prospective Dynamic Vehicle Routing
Real-time Control and Request-forecasting Approaches to Improve Customer Service

This book deals with transportation processes denoted as the Real-time Distribution of Perishable Goods (RDOPG). The book presents three contributions that are made to the field of transportation. First, a model considering the minimization of customer inconvenience is formulated. Second, a proactive real-time control approach is proposed.

Features
- Comprehensive introduction to routing problems.
- New state-of-the-art approaches for controlling transportation processes in real-time and for generating stochastic knowledge solely from past request information.
- A new measure for automatically determining the applicability of proactive real-time control approaches depending on a given request data set, and a new method for limiting en-route diversion activities.

Contents
- Introduction.
- Introduction to Tour Planning: Vehicle Routing and Related Problems.
- The Considered RDOPG Applications.
- Review of the Literature Related to the Considered RDOPG Applications.
- A New Deterministic Real-Time Control Approach for RDOPG Applications.
- A New Forecasting Approach for Generating Stochastic Knowledge.
- The Proposed Tabu Search Solution Method.
- Computational Results.
- Summary and Outlook on Future Work.

Fields of interest
- Operation Research/Decision Theory; Production/Logistics/Supply Chain Management; Sales/Distribution/Call Center/Customer Service

Target groups
- Research

Discount group
- Professional Non-Medical
Introduction to Modern Time Series Analysis

This book presents modern developments in time series econometrics that are applied to macroeconomic and financial time series, bridging the gap between methods and realistic applications. It presents the most important approaches to the analysis of time series, which may be stationary or nonstationary. Modelling and forecasting univariate time series is the starting point. For multiple stationary time series, Granger causality tests and vector autoregressive models are presented. As the modelling of nonstationary uni- or multivariate time series is most important for real applied work, unit root and cointegration analysis as well as vector error correction models are a central topic. Tools for analysing nonstationary data are then transferred to the panel framework.

Features
- Presents modern methods of time series econometrics and their applications to macroeconomics and finance
- With numerous examples and analyses based on real economic data
- Helps to acquire a rigorous understanding of the methods and to develop empirical skills

Contents

Fields of interest
Econometrics; Statistics for Business/Economics/Mathematical Finance/Insurance; Game Theory; Economics, Social and Behav. Sciences

Target groups
Research

Discount group
Professional Non-Medical

Metropolitan Regions

Knowledge Infrastructures of the Global Economy

Metropolitan growth has been dramatic in the past several decades, and today metropolitan regions are recognized as the main driving forces in national growth and development as well as in national and global innovation processes. The purpose of this book is to contribute to a better understanding of how metropolitan regions and their subsystems interact and compete, why they differ in their capacity to nurture innovation and growth, and how metropolitan policies must be designed to secure the region’s long-term vitality. To that end, it presents new contributions on theories of urban growth, institutions and policies of urban change, and case studies of urban growth prepared by international experts.

Features
- New title in the prestigious series "Advances in Spatial Science"
- State-of-the-art content
- Peer-reviewed by international experts

Contents

Fields of interest
Regional/Spatial Science; Economic Geography; Economic Policy

Target groups
Research

Discount group
Professional Non-Medical

Encyclopedia of Finance

The Encyclopedia of Finance, Second Edition, comprised of over 1000 individual definitions and chapters, is the most comprehensive and up-to-date resource in the field, integrating the most current terminology, research, theory, and practical applications.

Features
- Most comprehensive and up-to-date resource in the field, integrating the most current terminology, research, theory, and practical applications
- Comprised of over 1000 individual definitions and chapters
- Serves as an essential resource for academics, educators, and students

Contents

Fields of interest
Finance/Investment/Banking; Accounting/Audit; Econometrics

Target groups
Research

Discount group
Professional Non-Medical
New Series
Fuzzy Management Methods
Series editors: A. Meier, E. Portmann

With today’s information overload, it has become increasingly difficult to analyze the huge amounts of data and to generate appropriate management decisions. Furthermore, the data are often imprecise and will include both quantitative and qualitative elements. For these reasons it is important to extend traditional decision making processes by adding intuitive reasoning, human subjectivity and imprecision. To deal with uncertainty, vagueness, and imprecision, Lotfi A. Zadeh introduced fuzzy sets and fuzzy logic. In this book series “Fuzzy Management Methods” fuzzy logic is applied to extend portfolio analysis, scoring methods, customer relationship management, performance measurement, web reputation, web analytics and controlling, community marketing and other business domains to improve managerial decisions. Thus, fuzzy logic can be seen as a management method where appropriate concepts, software tools and languages build a powerful instrument for analyzing and controlling the business.

E. Portmann, University of California at Berkeley, CA, USA

The FORA Framework
A Fuzzy Grassroots Ontology for Online Reputation Management

Online reputation management deals with monitoring and influencing the online record of a person, an organization or a product. The Social Web offers increasingly simple ways to publish and disseminate personal or opinionated information, which can rapidly have a disastrous influence on the online reputation of some of the entities. The author focuses on the Social Web and possibilities of its integration with the Semantic Web as resource for a semi-automated tracking of online reputations using imprecise natural language terms. The inherent structure of natural language supports humans not only in communication but also in the perception of the world. Thereby fuzziness is a promising tool for transforming those human perceptions into computer artifacts.

Features
► Coherent introduction into Social Semantic Web and fuzzy logic ► Two dedicated chapters on the emerging field of online reputation management and analysis ► Presents in simple steps the development of a fuzzy online reputation analysis framework Includes a web-based prototype for online reputation analysis

Contents

Fields of interest
Media Management; Marketing; Information Storage and Retrieval

Target groups
Research

Discount group
Professional Non-Medical

Due December 2012
2013. XXX, 197 p. 30 illus., 2 in color. (Fuzzy Management Methods) Hardcover
► $129.00
ISBN 978-3-642-33232-6

T. Schweisfurth, Hamburg
Embedded Lead Users inside the Firm
How Innovative User Employees contribute to the Corporate Product Innovation Process

The central phenomenon of this book are embedded lead users (ELUs): employees of firms who experience emerging needs and profit from solutions to these needs (i.e. who exhibit lead user characteristics) in relation to one or more of their employing firm’s products or services. In three subsequent studies I explore, how embedded lead users contribute to corporate innovation. I show which factors foster the lead userness of employees and what characterizes embedded lead users’ behaviors. This holds various implications for firms, e.g. with respect to the integration of user knowledge for innovation.

Feature
► Publication in the field of social sciences

Contents
Lead User.- Innovation.- Firm boundaries.- Organizational behavior.- Boundary spanner.

Field of interest
Innovation/Technology Management

Target groups
Research

Discount group
Professional Non-Medical

Due October 2012
2013. XX, 221 p. 19 Illus. (Forschungs-/Entwicklungs-/Innovations-Management) Softcover
► $79.95
N. Siddharthan, Madras School of Economics, India; K. Narayanan, Indian Institute of Technology Bombay, India (Eds)

**Human Capital and Development**

**The Indian Experience**

The papers included in this volume cover several aspects of human capital. It starts with the role of human capital in influencing productivity, employment and growth of employment. The chapters show that Indian States that have been neglecting schooling and health facilities have become victims in terms of low productivity and lower rates of employment. Consequently, employment cannot be increased without spending on education and health.

**Features**

- Covers various dimensions of the relationship between human capital and development
- Analyses the role of technology as well as government policy measures in human capital formation
- Covers education and energy, among others, in fostering development in an emerging economy

**Contents**


**Fields of interest**

Human Resource Management; Economic Growth; Development Economics

**Target groups**

Research

**Discount group**

Professional Non-Medical

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C. M. Sipp, E. G. Carayannis

**Real Options and Strategic Technology Venturing**

*A New Paradigm in Decision Making*

This book seeks to answer “why, when and how are real options used in strategic technology venturing?” This work tests for the role of real options in decision making involving three types of firms. In decreasing order of technology-dependence – technology-driven (TD) (where the profit is fully dependent on new technology creation and leveraging), technology-based (TB) (where the profit is enabled and supported by technology) and technology-neutral (TN) (where the profit is almost independent of technology). It also deals with strategic and non-strategic types of decisions driven by real options. This analysis shows that an environment presenting co-operative (simultaneous competition and collaboration) conditions triggers the use of real options (why), that serve to transform the position, posture and propensity of businesses to innovate and thus they co-evolve (when) into more effective and efficient forms of businesses (co-specialization) (how). The authors demonstrate that embracing risk and uncertainty can increase levels and probability of new venture formation.

**Contents**


**Fields of interest**

Innovation/Technology Management; R & D/Technology Policy; Finance/Investment/Banking

**Target groups**

Research

**Discount group**

Professional Non-Medical

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C. Sommer, Hamburg

**Private Equity Investments**

*Drivers and Performance Implications of Investment Cycles*

Private Equity experienced dramatic fluctuations in investment activity in line with the turbulences of financial markets in recent years. Claudia Sommer develops a theoretical framework of factors driving private equity investment activity and the resulting performance implications. Using a data set of more than 40,000 European transactions between 1990 and 2009 she applies a variety of econometrical approaches and shows how neoclassical aspects, information asymmetries, agency conflicts, and market timing contribute to the dynamics in the private equity market. In a performance analysis of more than 1,300 European private equity funds, she reveals how fund performance is linked to investment activity.

**Feature**

- Publication in the field of economics sciences

**Contents**


**Field of interest**

Finance/Investment/Banking

**Target groups**

Research

**Discount group**

Professional Non-Medical
S. Sunderasan, Verdurous Solutions Private Limited, Mysore, India

Enabling Environment

A Worm’s Eye View of Environmental Finance

Enabling Environment is as real as it gets. The global commons are jointly owned and their inhabitants are jointly obligated to ensure their preservation. In the face of protracted negotiations, convoluted documentation, discord, and incessant bickering among scientists, activists, pressure groups of various hues, politicians and negotiators, very often the people on the ground are ignored or taken for granted. In the meantime, life meanders along.

Features
► Examines global environmental issues and provides tools for environmentally aware decision-making ► Covers areas ranging from financial returns earned on a green stock-market-index-based fund, participating in the CER market and private initiatives in agro-forestry to psychological and social factors influencing private investment decisions ► A blend of economic theory and empirical finance – and hence appealing to researchers and academics as well as main-street investors

Contents

Fields of interest
Environmental Economics; Environmental Law/Policy/Ecojustice; Climate Change

Target groups
Research

Discount group
Professional Non-Medical

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2013. X, 161 p. 17 illus., 15 in color. Hardcover
► $129.00

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2013. Approx. 300 p. (Contributions to Management Science) Hardcover
► approx. $139.00
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