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Microeconomics Theory and Applications OUP India The core text presents a clear and logical exposition of theoretical concepts and by means of illustrations and cases demonstrates the applicability of microeconomic tools to the Indian context. **Microeconomics Theory and Applications** This book imparts an understanding of microeconomics through clear and logical exposition and demonstrates with examples the applicability of microeconomic tools in the Indian context. It covers current developments in the field, and demonstrates the vitality and dynamism of microeconomic theory. **American Economic Journal Economic policy Economics, Management and Sustainability Essays in Honour of Anup Sinha** Springer This book presents an eclectic mix of interesting new areas in the domain of economics, management and sustainability. Written by leading experts, it provides valuable food for thought, with essays introducing new lines of research and empirical research papers offering sound research methodology. The book not only provides answers, but also raises numerous interesting questions concerning the areas covered to whet readers' appetites to learn more. Professor Anup Sinha is a respected teacher and is a great mind with wide-ranging academic interests spanning from economics and sustainability to management. As well as in various other places in India and the US, he has taught at the Indian Institute of Management Calcutta and Presidency College (now a University) Calcutta for almost three decades. To commemorate his contributions, this festschrift presents a collection of essays that are broadly subdivided into four sections: Economic Development; Vulnerabilities and Inclusive Growth; Sustainability and Corporate Governance; and Innovation and Management. **Earnings Management Emerging Insights in Theory, Practice, and Research** Springer Science & Business Media This book is a study of earnings management, aimed at scholars and professionals in accounting, finance, economics, and law. The authors address research questions including: Why are earnings so important that firms feel compelled to manipulate them? What set of circumstances will induce earnings management? How will the interaction among management, boards of directors, investors, employees, suppliers, customers and regulators affect earnings management? How to design empirical research addressing earnings management? What are the limitations and strengths of current empirical models? **Artificial Intelligence in Asset Management** CFA Institute Research Foundation Artificial intelligence (AI) has grown in presence in asset management and has revolutionized the sector in many ways. It has improved portfolio management, trading, and risk management practices by increasing efficiency, accuracy, and compliance. In particular, AI techniques help construct portfolios based on more accurate risk and return forecasts and more complex constraints. Trading algorithms use AI to devise novel trading signals and execute trades with lower transaction costs. AI also improves risk modeling and forecasting by generating insights from new data sources. Finally, robo-advisors owe a large part of their success to AI techniques. Yet the use of AI can also create new risks and challenges, such as those resulting from model opacity, complexity, and reliance on data integrity. **Predictive Analytics The Power to Predict Who Will Click, Buy, Lie, or Die** John Wiley & Sons "Mesmerizing & fascinating..." —The Seattle Post-Intelligencer "The Freakonomics of big data." —Stein Kretsinger, founding executive of Advertising.com Award-winning | Used by over 30 universities | Translated into 9 languages An introduction for everyone. In this rich, fascinating — surprisingly accessible — introduction, leading expert Eric Siegel reveals how predictive analytics (aka machine learning) works, and how it affects everyone every day. Rather than a "how to" for hands-on techies, the book serves lay readers and experts alike by covering new case studies and the latest state-of-the-art techniques. Prediction is booming. It reinvents industries and runs the world. Companies, governments, law enforcement, hospitals, and universities are seizing upon the power. These institutions predict whether you're going to click, buy, lie, or die. Why? For good reason: predicting human behavior combats risk, boosts sales, fortifies healthcare, streamlines manufacturing, conquers spam, optimizes social networks, toughens crime fighting, and wins elections. How? Prediction is powered by the world's most potent, flourishing unnatural resource: data. Accumulated in large part as the by-product of routine tasks, data is the unsalted, flavorless residue deposited en masse as organizations churn away. Surprise! This heap of refuse is a gold mine. Big data embodies an extraordinary wealth of experience from which to learn. Predictive analytics (aka machine learning) unleashes the power of data. With this technology, the computer literally learns from data how to predict the future behavior of individuals. Perfect prediction is not possible, but putting odds on the future drives millions of decisions more effectively, determining whom to call, mail, investigate, incarcerate, set up on a date, or medicate. In this lucid, captivating introduction — now in its Revised and Updated edition — former Columbia University professor and Predictive Analytics World founder Eric Siegel reveals the power and perils of prediction: What type of mortgage risk Chase Bank predicted before the recession. Predicting which people will drop out of school, cancel a subscription, or get divorced before they even know it themselves. Why early retirement predicts a shorter life expectancy and vegetarians miss fewer flights. Five reasons why organizations predict death — including one health insurance company. How U.S. Bank and Obama for America calculated the way to most strongly persuade each individual. Why the NSA wants all your data: machine learning supercomputers to fight terrorism. How IBM's Watson computer used predictive modeling to answer questions and beat the human champs on TV's Jeopardy! How companies ascertain untold, private truths — how Target figures out you're pregnant and Hewlett-Packard deduces you're about to quit your job. How judges and parole boards rely on crime-predicting computers to decide how long convicts remain in prison. 182 examples from Airbnb,

the BBC, Citibank, ConEd, Facebook, Ford, Google, the IRS, LinkedIn, Match.com, MTV, Netflix, PayPal, Pfizer, Spotify, Uber, UPS, Wikipedia, and more. How does predictive analytics work? This jam-packed book satisfies by demystifying the intriguing science under the hood. For future hands-on practitioners pursuing a career in the field, it sets a strong foundation, delivers the prerequisite knowledge, and whets your appetite for more. A truly omnipresent science, predictive analytics constantly affects our daily lives. Whether you are a consumer of it — or consumed by it — get a handle on the power of Predictive Analytics. **Beyond Parametrics in Interdisciplinary Research Festschrift in Honor of Professor Pranab K. Sen** Inst of Mathematical Statistic **Principles of Eventual Consistency** Provides the reader with tools for reasoning about consistency of protocols. The emphasis is on using basic mathematical techniques to describe a wide variety of consistency guarantees, and to define protocols with a level of precision that enables us to prove both positive results and negative results. **Advances in Mobile Commerce Technologies** IGI Global There is substantial interest in research in developing countries, especially in the use, implementation and development of information technology and systems. Many researchers have been moving toward an understanding of indigenous social and cultural structures and how they influence the use and development of information systems. E-Commerce and Cultural Values addresses these issues and brings together scholars to share their expertise on different aspects of the social side of e-Commerce and information systems and how they impact the cultural values of a society. **Management Information Systems Managing the Digital Firm** Pearson Educación Management Information Systems provides comprehensive and integrative coverage of essential new technologies, information system applications, and their impact on business models and managerial decision-making in an exciting and interactive manner. The twelfth edition focuses on the major changes that have been made in information technology over the past two years, and includes new opening, closing, and Interactive Session cases. **Digital Image Forensics There is More to a Picture than Meets the Eye** Springer Science & Business Media Photographic imagery has come a long way from the pinhole cameras of the nineteenth century. Digital imagery, and its applications, develops in tandem with contemporary society's sophisticated literacy of this subtle medium. This book examines the ways in which digital images have become ever more ubiquitous as legal and medical evidence, just as they have become our primary source of news and have replaced paper-based financial documentation. Crucially, the contributions also analyze the very profound problems which have arisen alongside the digital image, issues of veracity and progeny that demand systematic and detailed response: It looks real, but is it? What camera captured it? Has it been doctored or subtly altered? Attempting to provide answers to these slippery issues, the book covers how digital images are created, processed and stored before moving on to set out the latest techniques for forensically examining images, and finally addressing practical issues such as courtroom admissibility. In an environment where even novice users can alter digital media, this authoritative publication will do much so stabilize public trust in these real, yet vastly flexible, images of the world around us. **Microeconomics The Sharing Economy The End of Employment and the Rise of Crowd-Based Capitalism** MIT Press The wide-ranging implications of the shift to a sharing economy, a new model of organizing economic activity that may supplant traditional corporations. Sharing isn't new. Giving someone a ride, having a guest in your spare room, running errands for someone, participating in a supper club—these are not revolutionary concepts. What is new, in the "sharing economy," is that you are not helping a friend for free; you are providing these services to a stranger for money. In this book, Arun Sundararajan, an expert on the sharing economy, explains the transition to what he describes as "crowd-based capitalism"—a new way of organizing economic activity that may supplant the traditional corporate-centered model. As peer-to-peer commercial exchange blurs the lines between the personal and the professional, how will the economy, government regulation, what it means to have a job, and our social fabric be affected? Drawing on extensive research and numerous real-world examples—including Airbnb, Lyft, Uber, Etsy, TaskRabbit, France's BlaBlaCar, China's Didi Kuaidi, and India's Ola, Sundararajan explains the basics of crowd-based capitalism. He describes the intriguing mix of "gift" and "market" in its transactions, demystifies emerging blockchain technologies, and clarifies the dizzying array of emerging on-demand platforms. He considers how this new paradigm changes economic growth and the future of work. Will we live in a world of empowered entrepreneurs who enjoy professional flexibility and independence? Or will we become disenfranchised digital laborers scurrying between platforms in search of the next wedge of piecework? Sundararajan highlights the important policy choices and suggests possible new directions for self-regulatory organizations, labor law, and funding our social safety net. **Sentiment Analysis and Opinion Mining** Morgan & Claypool Publishers Sentiment analysis and opinion mining is the field of study that analyzes people's opinions, sentiments, evaluations, attitudes, and emotions from written language. It is one of the most active research areas in natural language processing and is also widely studied in data mining, Web mining, and text mining. In fact, this research has spread outside of computer science to the management sciences and social sciences due to its importance to business and society as a whole. The growing importance of sentiment analysis coincides with the growth of social media such as reviews, forum discussions, blogs, micro-blogs, Twitter, and social networks. For the first time in human history, we now have a huge volume of opinionated data recorded in digital form for analysis.Sentiment analysis systems are being applied in almost every business and social domain because opinions are central to almost all human activities and are key influencers of our behaviors. Our beliefs and perceptions of reality, and the choices we make, are largely conditioned on how others see and evaluate the world. For this reason, when we need to make a decision we often seek out the opinions of others. This is true not only for individuals but also for organizations.This book is a comprehensive introductory and survey text. It covers all important topics and the latest developments in the field with over 400 references. It is suitable for students, researchers and practitioners who are interested in social media analysis in general and sentiment analysis in particular. Lecturers can readily use it in class for courses on natural language processing, social media analysis, text mining, and data mining. Lecture slides are also available online.Table of Contents: Preface / Sentiment Analysis: A Fascinating Problem / The Problem of Sentiment Analysis / Document Sentiment Classification / Sentence Subjectivity and Sentiment Classification / Aspect-Based Sentiment Analysis / Sentiment Lexicon Generation / Opinion Summarization / Analysis of Comparative Opinions / Opinion Search and Retrieval / Opinion Spam Detection / Quality of Reviews / Concluding Remarks / Bibliography / Author Biography **Image Processing Principles and Applications** John Wiley & Sons Image processing-from basics to advanced applications Learn how to master image processing and compression with thisoutstanding state-of-the-art reference. From fundamentals tosophisticated applications, Image Processing: Principles andApplications covers multiple topics and provides a freshperspective on future directions and innovations in the field,including: * Image transformation techniques, including wavelet transformationand developments * Image enhancement and restoration, including noise modeling andfiltering * Segmentation schemes, and classification and recognition ofobjects * Texture and

shape analysis techniques * Fuzzy set theoretical approaches in image processing, neuralnetworks, etc. * Content-based image retrieval and image mining * Biomedical image analysis and interpretation, including biometricalgorithms such as face recognition and signatureverification * Remotely sensed images and their applications * Principles and applications of dynamic scene analysis and movingobject detection and tracking * Fundamentals of image compression, including the JPEG standardand the new JPEG2000 standard Additional features include problems and solutions with eachchapter to help you apply the theory and techniques, as well asbibliographies for researching specialized topics. With itsextensive use of examples and illustrative figures, this is asuperior title for students and practitioners in computer science,wireless and multimedia communications, and engineering. **Analysis of Boolean Functions** Cambridge University Press This graduate-level text gives a thorough overview of the analysis of Boolean functions, beginning with the most basic definitions and proceeding to advanced topics. **Econophysics An Introduction** John Wiley & Sons Filling the gap for an up-to-date textbook in this relatively new interdisciplinary research field, this volume provides readers with a thorough and comprehensive introduction. Based on extensive teaching experience, it includes numerous worked examples and highlights in special biographical boxes some of the most outstanding personalities and their contributions to both physics and economics. The whole is rounded off by several appendices containing important background material. **Minority Games Interacting agents in financial markets** OUP Oxford The Minority Game is a physicist's attempt to explain market behaviour by the interaction between traders. With a minimal set of ingredients and drastic assumptions, this model reproduces market ecology among different types of traders. Its emphasis is on speculative trading and information flow. The book first describes the philosophy lying behind the conception of the Minority Game in 1997, and includes in particular a discussion about the El Farol bar problem. It then reviews the main steps in later developments, including both the theory and its applications to market phenomena. 'Minority Games' gives a colourful and stylized, but also realistic picture of how financial markets operate. **Research in Intelligent and Computing in Engineering Select Proceedings of RICE 2020** Springer Nature This book comprises select peer-reviewed proceedings of the international conference on Research in Intelligent and Computing in Engineering (RICE 2020) held at Thu Dau Mot University, Vietnam. The volume primarily focuses on latest research and advances in various computing models such as centralized, distributed, cluster, grid, and cloud computing. Practical examples and real-life applications of wireless sensor networks, mobile ad hoc networks, and internet of things, data mining and machine learning are also covered in the book. The contents aim to enable researchers and professionals to tackle the rapidly growing needs of network applications and the various complexities associated with them. **Proceedings of the 21st Congress of the International Ergonomics Association (IEA 2021) Volume II: Inclusive Design** Springer Nature This book presents the proceedings of the 21st Congress of the International Ergonomics Association (IEA 2021), held online on June 13-18, 2021. By highlighting the latest theories and models, as well as cutting-edge technologies and applications, and by combining findings from a range of disciplines including engineering, design, robotics, healthcare, management, computer science, human biology and behavioral science, it provides researchers and practitioners alike with a comprehensive, timely guide on human factors and ergonomics. It also offers an excellent source of innovative ideas to stimulate future discussions and developments aimed at applying knowledge and techniques to optimize system performance, while at the same time promoting the health, safety and wellbeing of individuals. The proceedings include papers from researchers and practitioners, scientists and physicians, institutional leaders, managers and policy makers that contribute to constructing the Human Factors and Ergonomics approach across a variety of methodologies, domains and productive sectors. This volume includes papers addressing the following topics: Ergonomics in Design for All, Human Factors and Sustainable Development, Gender and Work, Slips Trips and Falls, Visual Ergonomics, Ergonomics for children and Educational Environments, Ageing and Work. **Handbook of Research on Systems Biology Applications in Medicine** IGI Global "This book highlights the use of systems approaches including genomic, cellular, proteomic, metabolomic, bioinformatics, molecular, and biochemical, to address fundamental questions in complex diseases like cancer diabetes but also in ageing"--Provided by publisher. **New Perspectives and Challenges in Econophysics and Sociophysics** Springer This book presents the latest perspectives and challenges within the interrelated fields of econophysics and sociophysics, which have emerged from the application of statistical physics to economics and sociology. Economic and financial markets appear to be in a permanent state of flux. Billions of agents interact with each other, giving rise to complex dynamics of economic quantities at the micro and macro levels. With the availability of huge data sets, researchers can address questions at a much more granular level than was previously possible. Fundamental questions regarding the aggregation of actions and information and the coordination, complexity, and evolution of economic and financial networks are currently receiving much attention in the econophysics research agenda. In parallel, the sociophysics literature has focused on large-scale social data and their interrelations. In this book, leading researchers from different communities – economists, sociologists, financial analysts, mathematicians, physicists, statisticians, and others – report on their recent work and their analyses of economic and social behavior. **Citizenship Rights and Social Movements A Comparative and Statistical Analysis** Oxford University Press, USA This is the first comparative study of the relationship between social movements and citizenship rights. It identifies the main connections made between collective action and individual rights, in theory and history, and tests them in the context of modern authoritarian regimes. It does so bymeasuring both social mobilization and the presence of rights over time, and by analysing their mutual impact statistically - both within and across national cases. The results create a new perspective on democratic struggles in authoritarian conditions, and on processes of democratic transitions. The selected cases of Brazil, Chile, Mexico and Spain are similar enough to make comparisons possible, and different enough to make them interesting. Measuring mobilization and rights provides a comparative description of their forms and fluctuations, just as the statistical results promote acomparative analysis of their influence and interactions. The study uses statistical techniques, but employs them to illuminate historical processes. In sum, its quantitative methods work to enhance the qualitative inquiry, and together they come to constitute a robust defense of democracy as the direct result of collective struggles for individualrights. **Trade Liberalization** Edward Elgar Publishing This compelling two-volume collection presents the major literary contributions to the economic analysis of the consequences of trade liberalization on growth, productivity, labor market outcomes and economic inequality. Examining the classical theories that stress gains from trade stemming from comparative advantage, the selection also comprises more recent theories of imperfect competition, where any potential gains from trade can stem from competitive effects or the international transmission of knowledge. Empirical contributions provide evidence regarding the explanatory power of these various theories, including work on the effects of trade openness on economic growth, wages, and income inequality, as well as evidence on the effects of trade on firm

productivity, entry and exit. Prefaced by an original introduction from the editor, the collection will to be an invaluable research resource for academics, practitioners and those drawn to this fascinating topic. **ICoRD'13 Global Product Development** Springer Science & Business Media This book showcases over 100 cutting-edge research papers from the 4th International Conference on Research into Design (ICoRD'13) – the largest in India in this area – written by eminent researchers from over 20 countries, on the design process, methods and tools, for supporting global product development (GPD). The special features of the book are the variety of insights into the GPD process, and the host of methods and tools at the cutting edge of all major areas of design research for its support. The main benefit of this book for researchers in engineering design and GPD are access to the latest quality research in this area; for practitioners and educators, it is exposure to an empirically validated suite of methods and tools that can be taught and practiced. **Innovation and Firm Performance Econometric Explorations of Survey Data** Springer The emergence of new firm-level data, including the European Community Innovation Survey (CIS), has led to a surge of studies on innovation and firm behaviour. This book documents progress in four interrelated fields: · investigation of the use of new indicators of innovation output · investigation of determinants of innovative behaviour · the role of spillovers, the public knowledge infrastructure and research and development collaboration · The impact of innovation on firm performance Written by an international group of contributors, the studies are based on agriculture and the manufacturing and service industries in Europe and Canada and provide new insights into the driving forces behind innovation. **The Great American Crime Decline** Oxford University Press Many theories--from the routine to the bizarre--have been offered up to explain the crime decline of the 1990s. Was it record levels of imprisonment? An abatement of the crack cocaine epidemic? More police using better tactics? Or even the effects of legalized abortion? And what can we expect from crime rates in the future? Franklin E. Zimring here takes on the experts, and counters with the first in-depth portrait of the decline and its true significance. The major lesson from the 1990s is that relatively superficial changes in the character of urban life can be associated with up to 75% drops in the crime rate. Crime can drop even if there is no major change in the population, the economy or the schools. Offering the most reliable data available, Zimring documents the decline as the longest and largest since World War II. It ranges across both violent and non-violent offenses, all regions, and every demographic. All Americans, whether they live in cities or suburbs, whether rich or poor, are safer today. Casting a critical and unerring eye on current explanations, this book demonstrates that both long-standing theories of crime prevention and recently generated theories fall far short of explaining the 1990s drop. A careful study of Canadian crime trends reveals that imprisonment and economic factors may not have played the role in the U.S. crime drop that many have suggested. There was no magic bullet but instead a combination of factors working in concert rather than a single cause that produced the decline. Further--and happily for future progress, it is clear that declines in the crime rate do not require fundamental social or structural changes. Smaller shifts in policy can make large differences. The significant reductions in crime rates, especially in New York, where crime dropped twice the national average, suggests that there is room for other cities to repeat this astounding success. In this definitive look at the great American crime decline, Franklin E. Zimring finds no pat answers but evidence that even lower crime rates might be in store. **Social Movements 1768-2012** Routledge The updated and expanded third edition of Tilly's widely acclaimed book brings this analytical history of social movements fully up to date. Tilly and Wood cover such recent topics as the economic crisis and related protest actions around the globe while maintaining their attention to perennially important issues such as immigrants' rights, new media technologies, and the role of bloggers and Facebook in social movement activities. With new coverage of colonialism and its impact on movement formation as well as coverage and analysis of the 2011 Arab Spring, this new edition of Social Movements adds more historical depth while capturing a new cycle of contention today. New to the Third Edition Expanded discussion of the Facebook revolution-and the significance of new technologies for social movements Analysis of current struggles-including the Arab Spring and pro-democracy movements in Egypt and Tunisia, Arizona's pro- and anti-immigration movements, the Tea Party, and the movement inspired by Occupy Wall Street Expanded discussion of the way the emergence of capitalism affected the emergence of the social movement **Linear Algebra and Matrix Analysis for Statistics** CRC Press Linear Algebra and Matrix Analysis for Statistics offers a gradual exposition to linear algebra without sacrificing the rigor of the subject. It presents both the vector space approach and the canonical forms in matrix theory. The book is as self-contained as possible, assuming no prior knowledge of linear algebra. The authors first address the rudimentary mechanics of linear systems using Gaussian elimination and the resulting decompositions. They introduce Euclidean vector spaces using less abstract concepts and make connections to systems of linear equations wherever possible. After illustrating the importance of the rank of a matrix, they discuss complementary subspaces, oblique projectors, orthogonality, orthogonal projections and projectors, and orthogonal reduction. The text then shows how the theoretical concepts developed are handy in analyzing solutions for linear systems. The authors also explain how determinants are useful for characterizing and deriving properties concerning matrices and linear systems. They then cover eigenvalues, eigenvectors, singular value decomposition, Jordan decomposition (including a proof), quadratic forms, and Kronecker and Hadamard products. The book concludes with accessible treatments of advanced topics, such as linear iterative systems, convergence of matrices, more general vector spaces, linear transformations, and Hilbert spaces. **The Demand for Money Theoretical and Empirical Approaches** Springer Science & Business Media Almost half a century has elapsed since the demand for money began to attract widespread attention from economists and econometricians, and it has been a topic of ongoing controversy and research ever since. Interest in the topic stemmed from three principal sources. First of all, there was the matter of the internal dynamics of macroeco nomics, to which Harry Johnson drew attention in his 1971 Ely Lecture on "The Keynesian Revolution and the Monetarist Counter-Revolution," American Economic Review 61 (May 1971). The main lesson about money that had been drawn from the so-called "Keynesian Revolution" was - rightly or wrongly - that it didn't matter all that much. The inherited wisdom that undergraduates absorbed in the 1950s was that macroeconomics was above all about the determination of income and employment, that the critical factors here were saving and investment decisions, and that monetary factors, to the extent that they mattered at all, only had an influence on these all important variables through a rather narrow range of market interest rates. Conventional wisdom never goes unchallenged in economics, except where its creators manage to control access to graduate schools and the journals, and it is with no cynical intent that I confirm Johnson's suggestion that those of us who embarked on academic careers in the '60s found in this wisdom a ready-made target. **Theory of Collective Behavior** Franklin Classics This work has been selected by scholars as being culturally important and is part of the knowledge base of civilization as we know it. This work is in the public domain in the United States of America, and possibly other nations. Within the United States, you may freely copy and distribute this work, as no entity

Pattern Recognition and Machine Learning Springer This is the first textbook on pattern recognition to present the Bayesian viewpoint. The book presents approximate inference algorithms that permit fast approximate answers in situations where exact answers are not feasible. It uses graphical models to describe probability distributions when no other books apply graphical models to machine learning. No previous knowledge of pattern recognition or machine learning concepts is assumed. Familiarity with multivariate calculus and basic linear algebra is required, and some experience in the use of probabilities would be helpful though not essential as the book includes a self-contained introduction to basic probability theory. **International Conference on Innovative Computing and Communications Proceedings of ICICC 2020, Volume 2** Springer Nature This book includes high-quality research papers presented at the Third International Conference on Innovative Computing and Communication (ICICC 2020), which is held at the Shaheed Sukhdev College of Business Studies, University of Delhi, Delhi, India, on 21–23 February, 2020. Introducing the innovative works of scientists, professors, research scholars, students and industrial experts in the field of computing and communication, the book promotes the transformation of fundamental research into institutional and industrialized research and the conversion of applied exploration into real-time applications. **Microeconomics** Irwin Professional Publishing This text emphasizes a modern approach to microeconomics by integrating new topics in microeconomic theory and making them accessible to students. These topics include risk and uncertainty, assymetric information and game theory. Traditional topics are also treated in a clear way with solid applications. Modifications have been made to the text in this edition, these include new information on the theory of the firm, specifically the coverage of cost, and examples are included throughout the text to reinforce the material presented. **Economics of Sustainable Development** Business Expert Press We attempt to sensitize the business practitioner and the public-policy planner, as well as students of business management and the social sciences, to the concept of sustainable development in an easily comprehensible manner. This book analyzes sustainable development from the perspective of economics. Environmental and social challenges are shaping policies and consumer preferences to facilitate sustainable development. This concept has become an integral part of global business strategy. However, these trends are not always backed up by an adequate understanding of the complexities of the concept, and their implications for decision-making. It is important to appreciate the economic logic underlying both the necessity and the difficulty of moving to a world that can be sustained over time. The inter-relationship between the activities of human societies and nature lies at the core of sustainable development. Understanding this inter-relationship goes beyond the domain of conventional economics, into more interfaced terrains of ecological economics and environmental science. **The Business Ethics Workshop** The Business Ethics Workshop by James Brusseau focuses on reality and engagement. Students respond to examples and contemporary cases that touch on their own anxieties, desires and aspirations, and this textbook drives that without sacrificing intellectual gravity. It incites student interest and gets to the core of ethical issues. **Shadows on the Rock** Prabhat Prakashan Shadows on the Rock' is a novel by the American writer Willa Cather. It was first published in 1931. The novel covers one year of the lives of two French colonists in Quebec - Cecile Auclair and her father Euclide. Like many of Cather's books, the story is driven by detailed portraits of the characters, rather than a narrative plot. **Macroergonomics Theory, Methods, and Applications** CRC Press This book's primary objective is to provide a comprehensive coverage of ergonomics in overall work system analysis and design. It provides a summary of the historical development of macroergonomics. It explains how an understanding of macroergonomics can lead to improvements in such things as reducing work-related lost time accidents; and describes **Dynamic Efficiency and Productivity Measurement** Oxford University Press, USA "The book takes on a systematic treatment of dynamic decision making and performance measurement. The analytical foundations of the dynamic production technology are introduced and developed in detail for several primal representations of the technology with an emphasis on dynamic directional distance functions. Dynamic cost minimization and dynamic profit maximization are developed for primal and dual representations of the dynamic technology. A dynamic production environment can be characterized as one where current production decisions impact future production possibilities. Consequently, the dynamic perspective of production relationships necessarily involves the close interplay between stock and flow elements in the transformation process, and how current decisions impact the changes in future stocks. Stock elements in the production transformation process can involve physical elements that can be effectively employed in the transformation process that can include the stock of technical knowledge and expertise available to the decision maker during the decision period. The dynamic generalization of concepts measuring the production structure (e.g., economies of scale, economies of scope, capacity utilization) and performance (e.g., allocative, scale and technical inefficiency, productivity) are developed from primal and dual perspectives"--