

Microeconomics Theory And Applications With Calculus 2nd Edition Ebook

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Intermediate Microeconomics with Microsoft Excel - Humberto Barreto 2009-07-30

This unique text uses Microsoft Excel® workbooks to instruct students. In addition to

explaining fundamental concepts in microeconomic theory, readers acquire a great deal of sophisticated Excel skills and gain the practical mathematics needed to succeed in advanced courses. In addition to the innovative pedagogical approach, the book features explicitly repeated use of a single central methodology, the economic approach. Students learn how economists think and how to think like an economist. With concrete, numerical examples and novel, engaging applications, interest for readers remains high as live graphs and data respond to manipulation by the user. Finally, clear writing and active learning are features sure to appeal to modern practitioners and their students. The website accompanying the text is found at www.depauw.edu/learn/microexcel.

Advanced Microeconomic Theory - Geoffrey Alexander Jehle 2001

This advanced economics text bridges the gap between familiarity with microeconomic theory

and a solid grasp of the principles and methods of modern neoclassical microeconomic theory.

Mathematical Economics - Vasily E. Tarasov

2020-06-03

This book is devoted to the application of fractional calculus in economics to describe processes with memory and non-locality. Fractional calculus is a branch of mathematics that studies the properties of differential and integral operators that are characterized by real or complex orders. Fractional calculus methods are powerful tools for describing the processes and systems with memory and nonlocality. Recently, fractional integro-differential equations have been used to describe a wide class of economical processes with power law memory and spatial nonlocality. Generalizations of basic economic concepts and notions the economic processes with memory were proposed. New mathematical models with continuous time are proposed to describe economic dynamics with long memory. This book

is a collection of articles reflecting the latest mathematical and conceptual developments in mathematical economics with memory and non-locality based on applications of fractional calculus.

Advanced Microeconomic Theory - Felix Munoz-Garcia 2017-08-11

An introduction to advanced topics in microeconomics that emphasizes the intuition behind assumptions and results, providing examples that show how to apply theory to practice. This textbook offers an introduction to advanced microeconomic theory that emphasizes the intuition behind mathematical assumptions, providing step-by-step examples that show how to apply theoretical models. It covers standard topics such as preference relations, demand theory and applications, producer theory, choice under uncertainty, partial and general equilibrium, monopoly, game theory and imperfect competition, externalities and public goods, and contract theory; but its intuitive and

application-oriented approach provides students with a bridge to more technical topics. The book can be used by advanced undergraduates as well as Masters students in economics, finance, and public policy, and by PhD students in programs with an applied focus. The text connects each topic with recent findings in behavioral and experimental economics, and discusses these results in context, within the appropriate chapter. Step-by-step examples appear immediately after the main theoretical findings, and end-of chapter exercises help students understand how to approach similar exercises on their own. An appendix reviews basic mathematical concepts. A separate workbook, Practice Exercises for Advanced Microeconomic Theory, offers solutions to selected problems with detailed explanations. The textbook and workbook together help students improve both their theoretical and practical preparation in advanced microeconomics.

Economics -

Microeconomic Theory - Michael Eugene Wetzstein 2013

This book introduces the main concepts of microeconomics to students who have undergone at least one elementary calculus course. It fully integrates graphical and mathematical concepts and offers analytical examples demonstrating numerical solutions. The book has a strong theoretical basis but shows how microeconomics can be brought to bear on the real world. New Features for this edition include: An incorporation of the theory of stock externalities associated with greenhouse gases ; Development of the section on insurance with particular reference to the new US healthcare program ; greater integration of game theoretic concepts throughout the book. The book's style is accessible, but also rigorous. Mathematical examples are provided throughout the book, in particular for key concepts and the result is a balanced approach in terms of prose, graphics, and mathematics.

Models in Microeconomic Theory ('She' Edition)
- Ariel Rubinstein 2020-03-27

Models in Microeconomic Theory covers basic models in current microeconomic theory. Part I (Chapters 1-7) presents models of an economic agent, discussing abstract models of preferences, choice, and decision making under uncertainty, before turning to models of the consumer, the producer, and monopoly. Part II (Chapters 8-14) introduces the concept of equilibrium, beginning, unconventionally, with the models of the jungle and an economy with indivisible goods, and continuing with models of an exchange economy, equilibrium with rational expectations, and an economy with asymmetric information. Part III (Chapters 15-16) provides an introduction to game theory, covering strategic and extensive games and the concepts of Nash equilibrium and subgame perfect equilibrium. Part IV (Chapters 17-20) gives a taste of the topics of mechanism design, matching, the axiomatic analysis of economic

systems, and social choice. The book focuses on the concepts of model and equilibrium. It states models and results precisely, and provides proofs for all results. It uses only elementary mathematics (with almost no calculus), although many of the proofs involve sustained logical arguments. It includes about 150 exercises. With its formal but accessible style, this textbook is designed for undergraduate students of microeconomics at intermediate and advanced levels.

Microeconomics - Jeffrey M. Perloff 2017-01-10
For courses in microeconomics. Exploring Microeconomics: Formal Theory and Practical Problems Significantly revised and updated with new real-world examples, exercises, and applications, this Fourth Edition of Microeconomics: Theory and Applications with Calculus remains the premiere microeconomics text to marry formal theory with robust, thoroughly analyzed real-world problems. Intended as an intermediate microeconomics

text, Perloff introduces economic theory through a combination of calculus, algebra, and graphs. The text integrates estimated, real-world problems and applications, using a step-by-step approach to demonstrate how microeconomic theory can be applied to solve practical problems and policy issues. Compared to other similar texts, the author also places greater emphasis on using contemporary theories--such as game theory and contract theory--to analyze markets. MyEconLab  not included. Students, if MyEconLab is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN and course ID. MyEconLab should only be purchased when required by an instructor. Instructors, contact your Pearson representative for more information. MyEconLab is an online homework, tutorial, and assessment product designed to personalize learning and improve results. With a wide range of interactive, engaging, and assignable activities, students are encouraged to

actively learn and retain tough course concepts.

A Course in Microeconomic Theory - David M. Kreps 2020-06-23

David M. Kreps has developed a text in microeconomics that is both challenging and "user-friendly." The work is designed for the first-year graduate microeconomic theory course and is accessible to advanced undergraduates as well. Placing unusual emphasis on modern noncooperative game theory, it provides the student and instructor with a unified treatment of modern microeconomic theory--one that stresses the behavior of the individual actor (consumer or firm) in various institutional settings. The author has taken special pains to explore the fundamental assumptions of the theories and techniques studied, pointing out both strengths and weaknesses. The book begins with an exposition of the standard models of choice and the market, with extra attention paid to choice under uncertainty and dynamic choice. General and partial equilibrium approaches are

blended, so that the student sees these approaches as points along a continuum. The work then turns to more modern developments. Readers are introduced to noncooperative game theory and shown how to model games and determine solution concepts. Models with incomplete information, the folk theorem and reputation, and bilateral bargaining are covered in depth. Information economics is explored next. A closing discussion concerns firms as organizations and gives readers a taste of transaction-cost economics.

Intermediate Microeconomics - Patrick M. Emerson 2019

Principles of Microeconomics 2e - Steven A. Greenlaw 2017-09-15

Economics - 2015

Russell Cooper and Andrew John have written an economics text aimed directly at students from its very inception. You're thinking, "Yeah, sure.

I've heard that before." This textbook, *Economics: Theory Through Applications*, centers around student needs and expectations through two premises: Students are motivated to study economics if they see that it relates to their own lives. Students learn best from an inductive approach, in which they are first confronted with a problem, and then led through the process of solving that problem. Many books claim to present economics in a way that is digestible for students; Russell and Andrew have truly created one from scratch. This textbook will assist you in increasing students' economic literacy both by developing their aptitude for economic thinking and by presenting key insights about economics that every educated individual should know. How? Russell and Andrew have done three things in this text to accomplish that goal: Applications Ahead of Theory: They present all the theory that is standard in Principles books. But by beginning with applications, students get to learn why this

theory is needed. Learning through Repetition: Important tools appear over and over again, allowing students to learn from repetition and to see how one framework can be useful in many different contexts. A Student's Table of Contents vs. An Instructor's Table of Contents: There is no further proof that Russell and Andrew have created a book aimed specifically at educating students about economics than their two tables of contents.

Microeconomics: Theory And Applications - S.P.S Chauhan 2009

Microeconomics with Calculus - Jeffrey M. Perloff 2013-03-28

This text uses calculus, algebra, and graphs to present microeconomic theory using actual examples, and then encourages students to apply the theory to analyse real-world problems. This 2nd edition has been substantially updated and revised, and is now offered with MyEconLab.

Managerial Economics and Strategy - Jeffrey M. Perloff 2013-08-20

Intended primarily for Managerial Economics courses, this text also provides practical content to current and aspiring industry professionals. Economics is a powerful tool that can help managers to manage effectively. In *Managerial Economics* Jeffrey Perloff and James Brander use real-world issues and examples from actual markets to show future managers how economic principles can be used in business decisions. In text examples and boxed mini-cases use actual data to illustrate how to use basic models. For example, to illustrate rivalry in oligopolistic markets, the authors look at rivalry between United and American Airlines and between Coke and Pepsi. Mini-case examples include why American Apparel is vertically integrated and why upscale manufacturers limit the number of designer hand-bags a customer is allowed to buy. To help future managers learn to solve new problems, Perloff and Brander repeatedly

demonstrate problem-solving through in-text Q&As. Each Q&A poses an important managerial or economic issue and demonstrates how to solve it using a step-by-step approach. Note: You are purchasing a standalone product; MyEconLab does not come packaged with this content. If you would like to purchase both the physical text and MyEconLab search for ISBN-10: 0133457087/ ISBN-13: 9780133457087. That package includes: ISBN-10: 0321566440 / ISBN-13: 9780321566447 *Managerial Economics* ISBN-10: 013314612X / ISBN-13: 9780133146127 MyEconLab -- NEW MyEconLab with Pearson eText -- Standalone Access Card -- for *Managerial Economics* MyEconLab is not a self-paced technology and should only be purchased when required by an instructor. **Microeconomic Theory** - Stephen Mathis 2002 This student-friendly text clearly integrates microeconomic theory with calculus and graphics; its approach centers on constructing

and analyzing fundamental models. By integrating basic tools of calculus, the text encourages students to solve problems by generating actual numerical solutions. The manner in which calculus reinforces the graphical analysis is clearly demonstrated in a step-by-step fashion; students will understand what the graphical solutions actually represent. Numerous real world applications of the theory are highlighted throughout the text.

Lecture Notes in Microeconomic Theory - Ariel Rubinstein 2012-03-04

Ariel Rubinstein's well-known lecture notes on microeconomics—now fully revised and expanded This book presents Ariel Rubinstein's lecture notes for the first part of his well-known graduate course in microeconomics. Developed during the fifteen years that Rubinstein taught the course at Tel Aviv University, Princeton University, and New York University, these notes provide a critical assessment of models of rational economic agents, and are an invaluable

supplement to any primary textbook in microeconomic theory. In this fully revised and expanded second edition, Rubinstein retains the striking originality and deep simplicity that characterize his famously engaging style of teaching. He presents these lecture notes with a precision that gets to the core of the material, and he places special emphasis on the interpretation of key concepts. Rubinstein brings this concise book thoroughly up to date, covering topics like modern choice theory and including dozens of original new problems. Written by one of the world's most respected and provocative economic theorists, this second edition of Lecture Notes in Microeconomic Theory is essential reading for students, teachers, and research economists. Fully revised, expanded, and updated Retains the engaging style and method of Rubinstein's well-known lectures Covers topics like modern choice theory Features numerous original new problems—including 21 new review problems

Solutions manual (available only to teachers) can be found at:

<http://gametheory.tau.ac.il/microTheory/>.

Microeconomics - Jeffrey M. Perloff 2012

Using real-world examples and modern theories to analyse actual markets, this book offers a practical perspective on microeconomic theory and how it is used to resolve problems and analyse policy issues.

Microeconomics: An Intuitive Approach with Calculus - Thomas Nechyba 2016-01-01

Examine microeconomic theory as a way of looking at the world as MICROECONOMICS: AN INTUITIVE APPROACH WITH CALCULUS, 2E builds on the basic economic foundation of individual behavior. Each chapter contains two sections. The A sections introduce concepts using intuition, conversational writing, everyday examples, and graphs with a focus on mathematical counterparts. The B sections then cover the same concepts with precise, accessible mathematical analyses that assume one

semester of single-variable calculus. The book offers flexible topical coverage with four distinct paths: a non-game theory path through microeconomics, a path emphasizing game theory, a path emphasizing policy issues, or a path focused on business. Readers can use B sections to explore topics in greater depth.

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Microeconometrics - A. Colin Cameron 2005-05-09

This book provides the most comprehensive treatment to date of microeconometrics, the analysis of individual-level data on the economic behavior of individuals or firms using regression methods for cross section and panel data. The book is oriented to the practitioner. A basic understanding of the linear regression model with matrix algebra is assumed. The text can be used for a microeconometrics course, typically a second-year economics PhD course; for data-

oriented applied microeconometrics field courses; and as a reference work for graduate students and applied researchers who wish to fill in gaps in their toolkit. Distinguishing features of the book include emphasis on nonlinear models and robust inference, simulation-based estimation, and problems of complex survey data. The book makes frequent use of numerical examples based on generated data to illustrate the key models and methods. More substantially, it systematically integrates into the text empirical illustrations based on seven large and exceptionally rich data sets.

Dynamic Optimization, Second Edition -

Morton I. Kamien 2013-04-17

Since its initial publication, this text has defined courses in dynamic optimization taught to economics and management science students. The two-part treatment covers the calculus of variations and optimal control. 1998 edition.

Microeconomics - Jeffrey M. Perloff 2013-01-22

This is the eBook of the printed book and may

not include any media, website access codes, or print supplements that may come packaged with the bound book. For all intermediate Microeconomics courses at the undergraduate or graduate level. This text is also suitable for readers interested in calculus-based intermediate microeconomics. Understand the practical, problem-solving aspects of microeconomic theory. *Microeconomics: Theory and Applications with Calculus* uses calculus, algebra, and graphs to present microeconomic theory using actual examples, and then encourages readers to apply the theory to analyze real-world problems. The Third Edition has been substantially revised, 80% of the Applications are new or updated, and there are 24 new Solved Problems. Every chapter (after Chapter 1) contains a new feature (the Challenge and the Challenge Solution) and has many new end-of-chapter exercises.

Microeconomics for Managers - David M. Kreps 2004

Developed over a ten year period at the Stanford Business School, this textbook underscores the connections between microeconomics and business. Its full-length, integrated case studies reveal how economic models can yield answers to practical problems.

Intermediate Microeconomics - Samiran Banerjee 2014-09-15

Intermediate Microeconomics: A Tool-Building Approach is a clear and concise, calculus-based exposition of current microeconomic theory essential for students pursuing degrees in Economics or Business. This beautifully-presented and accessible text covers all the essential topics that are typically required at the intermediate level, from consumer and producer theory to market structure (perfect competition, monopoly and oligopoly). Topics covered include risk, game theory, general equilibrium and externalities, asymmetric information, and public goods. Using numerical examples as well as sophisticated and carefully designed

exercises, the book aims to teach microeconomic theory via a process of learning-by-doing. When there is a skill to be acquired, a list of steps outlining the procedure is provided, followed by an example to illustrate how this procedure is carried out. Once the procedure has been learned, students will be able to solve similar problems and be well on their way to mastering the skills needed for future study. Intermediate Microeconomics presents a tremendous amount of material in a concise way, without sacrificing rigor, clarity or exposition. Through use of this text, students will acquire both the analytical toolkit and theoretical foundations necessary in order to take upper-level courses in industrial organization, international trade, public finance and other field courses. Instructors that would like to consider Intermediate Microeconomics: A Tool-Building Approach for course adoption will have access to the book's free companion website featuring: Detailed answers to end of chapter questions All figures used in the book as

PDF files suitable for inclusion in PowerPoint slides Chapter-by-Chapter zipped files of worksheets/quizzes suitable for classroom use Problem sets are available on WebAssign for instructors who wish to use them. These are located at <http://www.webassign.net/features/textbooks/banerjeeecon1/details.html?l=publisher>. Please contact the author at banerjeemicro@gmail.com for details, or visit his website at <http://banerjeemicro.com/>

Microeconomics - Hubbard 2015

Intermediate Microeconomics with Calculus: A Modern Approach - Varian, Hal R. 2016-04-29

From Google's chief economist, Varian's best-selling intermediate microeconomics texts are revered as some of the best in the field. And now students can work problems online with Smartwork5, Norton's online homework system, packaged at no additional charge with the Media

Update Editions. In addition to online homework, the texts now include four-color graphs and new interactive animations.

Analytical Corporate Valuation - Pasquale De Luca 2018-10-31

This book integrates the models employed in the fundamental analysis of a company with the models used by investors in the capital markets to diversify risks and maximize expected returns. The underlying thesis is that the company creates value only if the return on capital invested exceeds the cost of capital, while the objective is to demonstrate how integration of the fields of corporate finance and asset pricing enables comprehensive and accurate company valuation. Companies can thrive only if they are able to create value for shareholders over time. A company's value creation and the correct approach to its measurement require two main skills: first, the ability to analyze and evaluate the company's fundamentals with respect to its business model and its performance over time;

and second, knowledge of investors' models with regard to risk diversification and return maximization from which the cost of capital for the firm is derived. Based on this perspective, the book combines rigorous quantitative analysis with effective use of graphics to aid intuitive understanding.

Intermediate Microeconomic Theory - Ana Espinola-Arredondo 2020-10-27

A short, rigorous introduction to intermediate microeconomic theory that offers worked-out examples, tools for solving exercises, and algebra support. This book takes a concise, example-filled approach to intermediate microeconomic theory. It avoids lengthy conceptual description and focuses on worked-out examples and step-by-step solutions. Each chapter presents the basic theoretical elements, reducing them to their main ingredients, and offering several worked-out examples and applications as well as the intuition behind each mathematical assumption and result. The book

provides step-by-step tools for solving standard exercises, offering students a common approach for solving similar problems. The book walks readers through each algebra step and calculation, so only a basic background in algebra and calculus is assumed. The book includes 140 self-assessment exercises, giving students an opportunity to apply concepts from previous worked-out examples.

The Applied Theory of Price - Deirdre N. McCloskey 1985

Applications of Mathematics in Economics - Warren Page 2013

Shows instructors what mathematics is used at the undergraduate level in various parts of economics. Separate sections provide students with opportunities to apply their mathematics in relevant economics contexts. Brings together many different mathematics applications to such varied economics topics.

Microeconomics, Global Edition - Jeffrey M.

Perloff 2018-03-05

For courses in microeconomics. Significantly revised and updated with new real-world examples, exercises, and applications, this edition remains the premiere microeconomics text to marry formal theory with robust, thoroughly analysed real-world problems. Intended as an intermediate microeconomics text, Perloff introduces economic theory through a combination of calculus, algebra, and graphs. The text integrates estimated, real-world problems and applications, using a step-by-step approach to demonstrate how microeconomic theory can be applied to solve practical problems and policy issues. Compared to other similar texts, the author also places greater emphasis on using contemporary theories—such as game theory and contract theory—to analyse markets. The full text downloaded to your computer With eBooks you can: search for key concepts, words and phrases make highlights and notes as you study share your notes with

friends eBooks are downloaded to your computer and accessible either offline through the Bookshelf (available as a free download), available online and also via the iPad and Android apps. Upon purchase, you'll gain instant access to this eBook. Time limit The eBooks products do not have an expiry date. You will continue to access your digital ebook products whilst you have your Bookshelf installed.

Microeconomics - John P. Burkett 2006-04-20
In this book, John P. Burkett presents microeconomics as an evolving science, interacting with mathematics, psychology, and other disciplines and offering solutions to a growing range of practical problems. The book shows how early contributors such as Xenophon, Ibn Khaldun, and David Hume posed the normative and positive questions central to microeconomics. It expounds constrained optimization techniques, as developed by economists and mathematicians from Daniel Bernoulli to Leonid Kantorovich, emphasizing

their value in deriving norms of rational behavior and testable hypotheses about typical behavior. Applying these techniques, the book introduces partial equilibrium analysis of particular markets and general equilibrium analysis of market economies. The book both explains how laboratory and field experiments are used in testing economic hypotheses and provides materials for classroom experiments. It gives extensive and innovative coverage of recent findings in cognitive psychology and behavioral economics, which not only document behavior inconsistent with some traditional theories, but also advance positive theories with superior predictive power.

The Dirty Side of the Garment Industry - Nikolay Anguelov 2015-09-04

When thinking about lowering or changing consumption to lower carbon footprints, the obvious offenders come easily to mind: petroleum and petroleum products, paper and plastic, even food. But not clothes. Although the

clothing industry is the second largest polluter after agriculture, most consumers do not think of clothes as a source of environmen

Microeconomics - Michael Parkin 2004-06

Like a lens that brings the indistinct into focus, Parkin's Microeconomics introduces students to the art of seeing the invisible, teaching them interpret the story told by the economic indicators, uncover meaning hidden in the headlines, and gain a clear vision through economic analysis. An inspired teacher and crystal-clear writer, Michael Parkin has long been dedicated to helping students discover and apply the timeless principles of economics. Parkin invites students to: / See and understand the issues of our time in the brightest light, with the most compelling examples and clearest explanation. / Visualize economic principles in action using a widely acclaimed approach to graphical analysis. / Gain perspective on current economic events and today's principal economic thinkers through a series of carefully crafted

features.

Calculus and Techniques of Optimization with Microeconomic Applications - John Hoag 2008

This textbook is designed as a guide for students of mathematical economics, with the aim of providing them with a firm foundation for further studies in economics. A substantial portion of the mathematical tools required for the study of microeconomics at the graduate level is covered, in addition to the standard elements of microeconomics and various applications. Theorems and definitions are clearly explained with numerous exercises to complement the text and to help the student better understand and master the principles of mathematical economics.

A Short Course in Intermediate Microeconomics with Calculus - Roberto Serrano 2018-09-13

This second edition continues to present all the standard topics in microeconomics, with

calculus, concisely, clearly and with a sense of humor.

Introduction to Economic Analysis - R. Preston McAfee 2009-09-01

Matrix Differential Calculus with Applications in Statistics and Econometrics - Jan R. Magnus 2019-03-15

A brand new, fully updated edition of a popular classic on matrix differential calculus with applications in statistics and econometrics This exhaustive, self-contained book on matrix theory and matrix differential calculus provides a treatment of matrix calculus based on differentials and shows how easy it is to use this theory once you have mastered the technique. Jan Magnus, who, along with the late Heinz Neudecker, pioneered the theory, develops it further in this new edition and provides many examples along the way to support it. Matrix calculus has become an essential tool for quantitative methods in a large number of

applications, ranging from social and behavioral sciences to econometrics. It is still relevant and used today in a wide range of subjects such as the biosciences and psychology. Matrix Differential Calculus with Applications in Statistics and Econometrics, Third Edition contains all of the essentials of multivariable calculus with an emphasis on the use of differentials. It starts by presenting a concise, yet thorough overview of matrix algebra, then goes on to develop the theory of differentials. The rest of the text combines the theory and application of matrix differential calculus, providing the practitioner and researcher with both a quick review and a detailed reference. Fulfills the need for an updated and unified treatment of matrix differential calculus Contains many new examples and exercises based on questions asked of the author over the years Covers new developments in field and features new applications Written by a leading expert and pioneer of the theory Part of the

Wiley Series in Probability and Statistics Matrix Differential Calculus With Applications in Statistics and Econometrics Third Edition is an ideal text for graduate students and academics studying the subject, as well as for postgraduates and specialists working in biosciences and psychology.

Economics with Calculus - Michael C. Lovell
2004

This textbook provides a calculus-based introduction to economics. Students blessed with a working knowledge of the calculus would find that this text facilitates their study of the basic analytical framework of economics. The textbook examines a wide range of micro and macro topics, including prices and markets, equity versus efficiency, Rawls versus Bentham, accounting and the theory of the firm, optimal lot size and just in time, monopoly and competition, exchange rates and the balance of payments, inflation and unemployment, fiscal and monetary policy, IS-LM analysis, aggregate

demand and supply, speculation and rational expectations, growth and development, exhaustible resources and over-fishing. While the content is similar to that of conventional introductory economics textbook, the assumption that the reader knows and enjoys the calculus distinguishes this book from the traditional text.

Microeconomics with Calculus - Jeffrey M.

Perloff 2011

This text uses calculus, algebra, and graphs to present microeconomic theory using actual examples, and then encourages students to apply the theory to analyse real-world problems. This 2nd edition has been substantially updated and revised, and is now offered with MyEconLab.