

1. Record Nr.	UNINA990004989070403321
Autore	Asimov, Isaac
Titolo	Il codice genetico / Isaac Asimov
Pubbl/distr/stampa	Torino : Einaudi, c1968
Descrizione fisica	193 p. ; 19 cm
Collana	Piccola biblioteca Einaudi ; 100
Disciplina	575.1
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2. Record Nr.	UNINA9910154761403321
Autore	Case Karl E.
Titolo	Principles of microeconomics // Karl E. Case, Ray C. Fair and Sharon Oster
Pubbl/distr/stampa	Boston : , : Pearson, , [2017] Â©2017
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Descrizione fisica	1 online resource (531 pages) : illustrations
Collana	Always learning
Disciplina	338.5
Soggetti	Microeconomics
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover -- Title Page -- Copyright Page -- About the Authors -- Brief Contents -- Contents -- Part I Introduction To Economics -- 1 The Scope and Method of Economics -- Why Study Economics? -- To Learn a Way of Thinking -- To Understand Society -- To Be an Informed Citizen -- The Scope of Economics -- Microeconomics and Macroeconomics -- The Diverse Fields of Economics -- ECONOMICS IN PRACTICE iPod and the World -- The Method of Economics -- Theories and Models -- ECONOMICS IN PRACTICE Does Your Part-Time Job Matter for Your Academic Performance? -- Economic Policy -- An Invitation -- Summary -- Review Terms and Concepts -- Problems -- Appendix: How to Read and Understand Graphs -- 2 The Economic Problem: Scarcity and Choice -- Scarcity, Choice, and Opportunity Cost -- Scarcity and Choice in a One-Person Economy -- Scarcity and Choice in an Economy of Two or More -- ECONOMICS IN PRACTICE Nannies and Opportunity Costs -- The Production Possibility Frontier -- ECONOMICS IN PRACTICE Trade-Offs among High and Middle-Income Countries in the Middle East -- The Economic Problem -- Economic Systems and the Role of Government -- Command Economies -- Laissez-Faire Economies: the Free Market -- Mixed Systems, Markets, and Governments -- Looking Ahead -- Summary -- Review Terms and Concepts -- Problems -- 3 Demand, Supply, and Market Equilibrium -- Firms and Households: The Basic Decision-Making Units -- Input Markets and Output Markets: The Circular Flow

-- Demand in Product/Output Markets -- Changes in Quantity Demanded Versus Changes in Demand -- Price and Quantity Demanded: the Law of Demand -- Other Determinants of Household Demand -- ECONOMICS IN PRACTICE Have You Bought This Textbook? -- ECONOMICS IN PRACTICE People Drink Tea on Rainy Days -- Shift of Demand Versus Movement Along a Demand Curve -- From Household Demand to Market Demand.

Supply in Product/output Markets -- Price and Quantity Supplied: the Law of Supply -- Other Determinants of Supply -- Shift of Supply Versus Movement Along a Supply Curve -- From Individual Supply to Market Supply -- Market Equilibrium -- Excess Demand -- Excess Supply -- Changes in Equilibrium -- ECONOMICS IN PRACTICE Quinoa -- Demand and Supply in Product Markets: A Review -- ECONOMICS IN PRACTICE Why Do the Prices of Delicacies and Goodies Increase Prior to Chinese New Year? -- Looking Ahead: Markets and the Allocation of Resources -- Summary -- Review Terms and Concepts -- Problems -- 4 Demand and Supply Applications -- The Price System: Rationing and Allocating Resources -- Price Rationing -- Constraints on the Market and Alternative Rationing Mechanisms -- ECONOMICS IN PRACTICE Why Do I Have To Pay More For My Food? The Truth Behind The Flood Crises -- Prices and the Allocation of Resources -- Price Floor -- Supply and Demand Analysis: An Oil Import Fee -- ECONOMICS IN PRACTICE The Price Mechanism at Work for Shakespeare -- Supply and Demand and Market Efficiency -- Consumer Surplus -- Producer Surplus -- Competitive Markets Maximize the Sum of Producer and Consumer Surplus -- Potential Causes of Deadweight Loss From Under- and Overproduction -- Looking Ahead -- Summary -- Review Terms and Concepts -- Problems -- 5 Elasticity -- Price Elasticity of Demand -- Slope and Elasticity -- Types of Elasticity -- Calculating Elasticities -- Calculating Percentage Changes -- Elasticity Is a Ratio of Percentages -- The Midpoint Formula -- Elasticity Changes Along a Straight-line Demand Curve -- Elasticity and Total Revenue -- The Determinants of Demand Elasticity -- Availability of Substitutes -- The Importance of Being Unimportant -- ECONOMICS IN PRACTICE Elasticities at a Delicatessen in the Short Run and Long Run -- Luxuries Versus Necessities.

The Time Dimension -- Other Important Elasticities -- Income Elasticity of Demand -- Cross-Price Elasticity of Demand -- Elasticity of Supply -- ECONOMICS IN PRACTICE Tax Rates and Migration in Europe -- What Happens When We Raise Taxes: Using Elasticity -- Looking Ahead -- Summary -- Review Terms and Concepts -- Problems -- Part II The Market System -- 6 Household Behavior and Consumer Choice -- Household Choice in Output Markets -- The Determinants of Household Demand -- The Budget Constraint -- The Equation of the Budget Constraint -- The Basis of Choice: Utility -- Diminishing Marginal Utility -- Allocating Income to Maximize Utility -- The Utility-Maximizing Rule -- ECONOMICS IN PRACTICE Soda Beverage Choice -- Diminishing Marginal Utility and Downward-Sloping Demand -- Income and Substitution Effects -- The Income Effect -- The Substitution Effect -- Household Choice in Input Markets -- ECONOMICS IN PRACTICE Substitution and Market Baskets -- The Labor Supply Decision -- The Price of Leisure -- Income and Substitution Effects of a Wage Change -- ECONOMICS IN PRACTICE Uber Drivers -- Saving and Borrowing: Present Versus Future Consumption -- A Review: Households in Output and Input Markets -- Summary -- Review Terms and Concepts -- Problems -- Appendix: Indifference Curves -- 7 The Production Process: The Behavior of Profit-Maximizing Firms -- The Behavior of Profit-Maximizing Firms -- Profits and Economic Costs -- Short-Run

versus Long-Run Decisions -- The Bases of Decisions: Market Price of Outputs, Available Technology, and Input Prices -- The Production Process -- Production Functions: Total Product, Marginal Product, and Average Product -- Production Functions with Two Variable Factors of Production -- ECONOMICS IN PRACTICE Learning about Growing Pineapples in Ghana -- Choice of Technology.

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-- 8 Short-Run Costs and Output Decisions -- Costs in the Short Run -- Fixed Costs -- Variable Costs -- ECONOMICS IN PRACTICE The Cost Structure of a Rock Concert: Welcome to New York -- Total Costs -- Short-Run Costs: A Review -- Output Decisions: Revenues, Costs, and Profit Maximization -- Perfect Competition -- Total Revenue and Marginal Revenue -- Comparing Costs and Revenues to Maximize Profit -- The Short-Run Supply Curve -- Looking Ahead -- Summary -- Review Terms and Concepts -- Problems -- 9 Long-Run Costs and Output Decisions -- Short-Run Conditions and Long-Run Directions -- Maximizing Profits -- Minimizing Losses -- The Short-Run Industry Supply Curve -- Long-Run Directions: A Review -- Long-Run Costs: Economies and Diseconomies of Scale -- Increasing Returns to Scale -- ECONOMICS IN PRACTICE Economies of Scale in the Search Business -- Constant Returns to Scale -- Diseconomies of Scale -- U-Shaped Long-Run Average Costs -- ECONOMICS IN PRACTICE The Long-Run Average Cost Curve: Flat or U-Shaped? -- Long-Run Adjustments to Short-Run Conditions -- Short-Run Profits: Moves in and Out of Equilibrium -- The Long-Run Adjustment Mechanism: Investment Flows Toward Profit Opportunities -- Output Markets: A Final Word -- ECONOMICS IN PRACTICE Why is Food so Expensive at the Airport? -- Summary -- Review Terms and Concepts -- Problems -- Appendix -- 10 Input Demand: The Labor and Land Markets -- Input Markets: Basic Concepts -- Demand for Inputs: A Derived Demand -- Marginal Revenue Product -- ECONOMICS IN PRACTICE Do Managers Matter? -- Labor Supply -- Labor Markets -- The Firm's Labor Market Decision -- Many Labor Markets.

ECONOMICS IN PRACTICE The National Basketball Association Contracts and Marginal Products -- Land Markets -- Rent and the Value of Output Produced on Land -- ECONOMICS IN PRACTICE Land Valuation -- Input Demand Curves -- Shifts in Factor Demand Curves -- Profit-Maximizing Condition in input Markets -- Looking Ahead -- Summary -- Review Terms and Concepts -- Problems -- 11 Input Demand: The Capital Market and the Investment Decision -- Capital, Investment, and Depreciation -- Capital -- Investment and Depreciation -- ECONOMICS IN PRACTICE Investment Banking, IPOs, and Electric Cars -- The Capital Market -- Capital Income: Interest and Profits -- Financial Markets in Action -- Mortgages and the Mortgage Market -- ECONOMICS IN PRACTICE Who Owns Stocks in Malaysia? -- Capital Accumulation and Allocation -- The Demand for New Capital and the Investment Decision -- Forming Expectations -- Comparing Costs and Expected Return -- A Final Word on Capital -- Summary -- Review Terms and Concepts -- Problems -- Appendix -- 12 General Equilibrium and the Efficiency of Perfect Competition -- Market Adjustment to Changes in Demand -- Allocative Efficiency and Competitive Equilibrium -- Pareto Efficiency -- ECONOMICS IN PRACTICE More Corn to Burn, Less to Eat -- The Efficiency of Perfect Competition -- Perfect Competition Versus Real Markets -- The Sources of Market Failure -- Imperfect Competition -- Public Goods -- Externalities -- Imperfect Information -- Evaluating the Market Mechanism -- Summary -- Review Terms and Concepts --

Problems -- Part III Market Imperfections and the Role of Government
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Market Power: Core Concepts -- Forms of Imperfect Competition and
Market Boundaries -- Price and Output Decisions in Pure Monopoly
Markets -- Demand in Monopoly Markets.
ECONOMICS IN PRACTICE Figuring out the Right Price.

Sommario/riassunto

For the one-semester course in Principles of Microeconomics. An Introduction to the Functioning of the Economy and the Power and Breadth of Economics Reviewers tell us that Case/Fair/Oster is one of the all-time bestselling Principles of Economics texts because they trust it to be clear, thorough, and complete. Readers of Principles of Microeconomics, Twelfth Edition come away with a basic understanding of how market economies function, an appreciation for the things they do well, and a sense of things they do poorly. With the latest research and added exercises, students begin to learn the art and science of economic thinking and start to look at some policy and even personal decisions in a different way. 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. Also Available with MyEconLab This title is also available with MyEconLab an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them better absorb course material and understand difficult concepts.

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Soggetti	History of engineering and technology
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Sommario/riassunto	Image analysis is a fundamental task for extracting information from images acquired across a range of different devices. Since reliable quantitative results are requested, image analysis requires highly sophisticated numerical and analytical methods-particularly for applications in medicine, security, and remote sensing, where the results of the processing may consist of vitally important data. The contributions to this book provide a good overview of the most important demands and solutions concerning this research area. In particular, the reader will find image analysis applied for feature extraction, encryption and decryption of data, color segmentation, and in the support new technologies. In all the contributions, entropy plays a pivotal role.