## A - General Economics and Teaching

#### A1 - General Economics

A10 - General

A11 - Role of Economics; Role of Economists; Market for Economists

A12 - Relation of Economics to Other Disciplines

A13 - Relation of Economics to Social Values

A14 - Sociology of Economics

A19 - Other

# A2 - Economics Education and Teaching of Economics

A20 - General

A21 - Pre-college

A22 - Undergraduate

A23 - Graduate

A29 - Other

# A3 - Collective Works

A30 - General

A31 - Collected Writings of Individuals •

A32 - Volumes •

A33 - Handbooks

A39 - Other •

## **B - Schools of Economic Thought and Methodology**

#### Bo - General

Boo - General

# B1 - History of Economic Thought through 1925

B10 - General

**B11 - Preclassical** 

**B12 - Classical** 

B13 - Neoclassical through 1925

B14 - Socialist; Marxist

B<sub>15</sub> - Historical; Institutional

B16 - History of Economic Thought: Quantitative and Mathematical

B19 - Other

## B2 - History of Economic Thought since 1925

B20 - General

**B21 - Microeconomics** 

**B22 - Macroeconomics** 

B23 - History of Economic Thought: Econometrics; Quantitative and

**Mathematical Studies** 

B24 - Socialist; Marxist; Sraffian

B25 - Historical; Institutional; Evolutionary; Austrian

B29 - Other

# B3 - History of Thought: Individuals

- B30 General
- **B31** Individuals
- **B32** Obituaries

# **B4** - Economic Methodology

- B40 General
- B41 Economic Methodology
- B49 Other

# B5 - Current Heterodox Approaches

- B50 General
- B51 Socialist; Marxian; Sraffian
- B52 Institutional; Evolutionary
- B<sub>5</sub>3 Austrian
- **B54 Feminist Economics**
- B59 Other

### C - Mathematical and Quantitative Methods

#### Co - General

- Coo General
- Co1 Econometrics
- Co2 Mathematical Methods

#### C1 - Econometric and Statistical Methods: General

- C10 General
- C11 Bayesian Analysis
- C12 Hypothesis Testing
- C<sub>13</sub> Estimation
- C14 Semiparametric and Nonparametric Methods
- C<sub>15</sub> Simulation Methods
- C16 Specific Distributions
- C19 Other

# C2 - Single Equation Models; Single Variables

- C20 General
- C21 Cross-Sectional Models; Spatial Models; Treatment Effect Models
- C22 Time-Series Models
- C23 Models with Panel Data
- C24 Truncated and Censored Models
- C25 Discrete Regression and Qualitative Choice Models
- C29 Other

# C3 - Multiple or Simultaneous Equation Models

- C30 General
- C31 Cross-Sectional Models; Spatial Models; Treatment Effect Models
- C32 Time-Series Models
- C33 Models with Panel Data
- C34 Truncated and Censored Models
- C35 Discrete Regression and Qualitative Choice Models
- C39 Other

# C4 - Econometric and Statistical Methods: Special Topics

- C40 General
- C41 Duration Analysis
- C42 Survey Methods
- C43 Index Numbers and Aggregation
- C44 Statistical Decision Theory; Operations Research
- C45 Neural Networks and Related Topics
- C46 Specific Distributions
- C49 Other

# C5 - Econometric Modeling

- C50 General
- C51 Model Construction and Estimation
- C52 Model Evaluation and Selection
- C<sub>53</sub> Forecasting and Other Model Applications
- C59 Other

# C6 - Mathematical Methods and Programming

- C60 General
- C61 Optimization Techniques; Programming Models; Dynamic Analysis
- C62 Existence and Stability Conditions of Equilibrium
- C63 Computational Techniques
- C65 Miscellaneous Mathematical Tools
- C67 Input-Output Models
- C68 Computable General Equilibrium Models
- C69 Other

# C7 - Game Theory and Bargaining Theory

- C70 General
- C71 Cooperative Games
- C72 Noncooperative Games
- C<sub>73</sub> Stochastic and Dynamic Games; Evolutionary Games; Repeated Games
- C<sub>7</sub>8 Bargaining Theory; Matching Theory
- C79 Other

## C8 - Data Collection and Data Estimation Methodology; Computer Programs

- C8o General
- C81 Methodology for Collecting, Estimating, and Organizing
- Microeconomic Data
- C82 Methodology for Collecting, Estimating, and Organizing
- Macroeconomic Data
- C87 Econometric Software
- C88 Other Computer Software
- C89 Other

# C9 - Design of Experiments

- C90 General
- C91 Laboratory, Individual Behavior
- C92 Laboratory, Group Behavior
- C93 Field Experiments
- C99 Other

#### **D** - Microeconomics

#### Do - General

- Doo General
- Do1 Microeconomic Behavior: Underlying Principles
- Do2 Institutions: Design, Formation, and Operations

# D1 - Household Behavior and Family Economics

- D10 General
- D11 Consumer Economics: Theory
- D12 Consumer Economics: Empirical Analysis
- D13 Household Production and Intrahousehold Allocation
- D14 Personal Finance
- D<sub>18</sub> Consumer Protection
- D19 Other

# D2 - Production and Organizations

- D20 General
- D21 Firm Behavior
- D23 Organizational Behavior; Transaction Costs; Property Rights
- D24 Production; Cost; Capital and Total Factor Productivity; Capacity
- D29 Other

# D3 - Distribution

- D30 General
- D31 Personal Income, Wealth, and Their Distributions
- D<sub>33</sub> Factor Income Distribution
- D39 Other

## D4 - Market Structure and Pricing

- D40 General
- D<sub>41</sub> Perfect Competition
- D42 Monopoly
- D43 Oligopoly and Other Forms of Market Imperfection
- D44 Auctions
- D45 Rationing; Licensing
- D46 Value Theory
- D49 Other

# D5 - General Equilibrium and Disequilibrium

- D50 General
- D<sub>51</sub> Exchange and Production Economies
- D52 Incomplete Markets
- D<sub>53</sub> Financial Markets
- D<sub>57</sub> Input-Output Tables and Analysis
- D<sub>5</sub>8 Computable and Other Applied General Equilibrium Models
- D59 Other

## D6 - Welfare Economics

- D60 General
- D61 Allocative Efficiency; Cost-Benefit Analysis
- D62 Externalities
- D63 Equity, Justice, Inequality, and Other Normative Criteria and

Measurement

D64 - Altruism

D69 - Other

# D7 - Analysis of Collective Decision-Making

D70 - General

D71 - Social Choice; Clubs; Committees; Associations

D72 - Models of Political Processes: Rent-Seeking, Elections, Legislatures, and Voting Behavior

D<sub>73</sub> - Bureaucracy; Administrative Processes in Public Organizations;

Corruption

D74 - Conflict; Conflict Resolution; Alliances

D<sub>7</sub>8 - Positive Analysis of Policy-Making and Implementation

D79 - Other

# D8 - Information, Knowledge, and Uncertainty

D80 - General

D81 - Criteria for Decision-Making under Risk and Uncertainty

D82 - Asymmetric and Private Information

D83 - Search; Learning; Information and Knowledge; Communication; Belief

D84 - Expectations; Speculations

D85 - Network Formation and Analysis: Theory

D86 - Economics of Contract: Theory

D87 - Neuroeconomics

D89 - Other

# D9 - Intertemporal Choice and Growth

D90 - General

D91 - Intertemporal Consumer Choice; Life Cycle Models and Saving

D92 - Intertemporal Firm Choice and Growth, Investment, or Financing

Doo - Other

## **E - Macroeconomics and Monetary Economics**

#### Eo - General

Eoo - General

Eo1 - Measurement and Data on National Income and Product Accounts and Wealth

# E1 - General Aggregative Models

E10 - General

E11 - Marxian; Sraffian; Institutional; Evolutionary

E12 - Keynes; Keynesian; Post-Keynesian

E13 - Neoclassical

E17 - Forecasting and Simulation

E19 - Other

# E2 - Macroeconomics: Consumption, Saving, Production, Employment, and Investment

E20 - General

E21 - Consumption; Saving; Wealth

E22 - Capital; Investment; Capacity

E23 - Production

E24 - Employment; Unemployment; Wages; Intergenerational Income

Distribution

E25 - Aggregate Factor Income Distribution

E26 - Informal Economy; Underground Economy

E27 - Forecasting and Simulation

E29 - Other

## E3 - Prices, Business Fluctuations, and Cycles

E30 - General

E31 - Price Level; Inflation; Deflation

E32 - Business Fluctuations; Cycles

E37 - Forecasting and Simulation

E39 - Other

## E4 - Money and Interest Rates

E40 - General

E41 - Demand for Money

E42 - Monetary Systems; Standards; Regimes; Government and the

Monetary System

E43 - Determination of Interest Rates; Term Structure of Interest Rates

E44 - Financial Markets and the Macroeconomy

E47 - Forecasting and Simulation

E49 - Other

# E5 - Monetary Policy, Central Banking, and the Supply of Money and Credit

E50 - General

E51 - Money Supply; Credit; Money Multipliers

E<sub>52</sub> - Monetary Policy

E58 - Central Banks and Their Policies

E59 - Other

# E6 - Macroeconomic Policy, Macroeconomic Aspects of Public Finance, and General Outlook

E60 - General

E61 - Policy Objectives; Policy Designs and Consistency; Policy Coordination

E62 - Fiscal Policy

E63 - Comparative or Joint Analysis of Fiscal and Monetary Policy;

Stabilization

E64 - Incomes Policy; Price Policy

E65 - Studies of Particular Policy Episodes

E66 - General Outlook and Conditions

E69 - Other

#### F - International Economics

# Fo - General

Foo - General

Fo1 - Global Outlook

Fo2 - International Economic Order

#### F1 - Trade

- F10 General
- F11 Neoclassical Models of Trade
- F12 Models of Trade with Imperfect Competition and Scale Economies
- F13 Trade Policy; International Trade Organizations
- F14 Country and Industry Studies of Trade
- F15 Economic Integration
- F16 Trade and Labor Market Interactions
- F17 Trade Forecasting and Simulation
- F18 Trade and Environment
- F19 Other

#### F2 - International Factor Movements and International Business

- F20 General
- F21 International Investment; Long-Term Capital Movements
- F22 International Migration
- F23 Multinational Firms; International Business
- F24 Remittances
- F29 Other

# F3 - International Finance

- F30 General
- F31 Foreign Exchange
- F32 Current Account Adjustment; Short-Term Capital Movements
- F33 International Monetary Arrangements and Institutions
- F34 International Lending and Debt Problems
- F35 Foreign Aid
- F36 Financial Aspects of Economic Integration
- F<sub>37</sub> International Finance Forecasting and Simulation
- F39 Other

## F4 - Macroeconomic Aspects of International Trade and Finance

- F40 General
- F41 Open Economy Macroeconomics
- F42 International Policy Coordination and Transmission
- F43 Economic Growth of Open Economies
- F47 Forecasting and Simulation
- F49 Other

## F5 - International Relations and International Political Economy

- F50 General
- F<sub>51</sub> International Conflicts; Negotiations; Sanctions
- F52 National Security; Economic Nationalism
- F53 International Agreements and Observance; International Organizations
- F54 Colonialism; Imperialism; Postcolonialism
- F55 International Institutional Arrangements
- F59 International Relations and International Political Economy: Other

#### **G** - Financial Economics

- Go General
  - Goo General
- G1 General Financial Markets

- G10 General
- G11 Portfolio Choice; Investment Decisions
- G12 Asset Pricing; Trading volume; Bond Interest Rates
- G13 Contingent Pricing; Futures Pricing
- G14 Information and Market Efficiency; Event Studies
- G15 International Financial Markets
- G18 Government Policy and Regulation
- G19 Other

#### G2 - Financial Institutions and Services

- G20 General
- G21 Banks; Other Depository Institutions; Micro Finance Institutions; Mortgages
- G22 Insurance; Insurance Companies
- G23 Pension Funds; Other Private Financial Institutions
- G24 Investment Banking; Venture Capital; Brokerage; Rating Agencies
- G28 Government Policy and Regulation
- G29 Other

# G3 - Corporate Finance and Governance

- G30 General
- G31 Capital Budgeting; Fixed Investment and Inventory Studies
- G32 Financing Policy; Financial Risk and Risk Management; Capital and Ownership Structure
- G33 Bankruptcy; Liquidation
- G34 Mergers; Acquisitions; Restructuring; Corporate Governance
- G35 Payout Policy
- G38 Government Policy and Regulation
- G39 Other

## **H - Public Economics**

## Ho - General

Hoo - General

# H1 - Structure and Scope of Government

- H<sub>10</sub> General
- H11 Structure, Scope, and Performance of Government
- H<sub>19</sub> Other

# H2 - Taxation, Subsidies, and Revenue

- H20 General
- H21 Efficiency; Optimal Taxation
- H22 Incidence
- H23 Externalities; Redistributive Effects; Environmental Taxes and
- **Subsidies**
- H24 Personal Income and Other Nonbusiness Taxes and Subsidies
- H25 Business Taxes and Subsidies
- H<sub>2</sub>6 Tax Evasion
- H27 Other Sources of Revenue
- H<sub>29</sub> Other

# H3 - Fiscal Policies and Behavior of Economic Agents

- H30 General
- H31 Household
- H32 Firm
- H<sub>3</sub>9 Other

## H4 - Publicly Provided Goods

- H40 General
- H41 Public Goods
- H<sub>42</sub> Publicly Provided Private Goods
- H43 Project Evaluation; Social Discount Rate
- H44 Publicly Provided Goods: Mixed Markets
- H49 Other

# H5 - National Government Expenditures and Related Policies

- H50 General
- H<sub>51</sub> Government Expenditures and Health
- H<sub>52</sub> Government Expenditures and Education
- H53 Government Expenditures and Welfare Programs
- H54 Infrastructures; Other Public Investment and Capital Stock
- H<sub>55</sub> Social Security and Public Pensions
- H<sub>5</sub>6 National Security and War
- H<sub>57</sub> Procurement
- H59 Other

# H6 - National Budget, Deficit, and Debt

- H60 General
- H61 Budget; Budget Systems
- H62 Deficit; Surplus
- H63 Debt; Debt Management
- H68 Forecasts of Budgets, Deficits, and Debt
- H69 Other

# H7 - State and Local Government; Intergovernmental Relations

- H70 General
- H71 State and Local Taxation, Subsidies, and Revenue
- H<sub>7</sub>2 State and Local Budget and Expenditures
- H<sub>73</sub> Interjurisdictional Differentials and Their Effects
- H74 State and Local Borrowing
- H<sub>75</sub> State and Local Government: Health, Education, and Welfare
- H<sub>7</sub>6 State and Local Government: Other Expenditure Categories
- H77 Intergovernmental Relations; Federalism; Secession
- H<sub>7</sub>9 Other

#### H8 - Miscellaneous Issues

- H80 General
- H81 Governmental Loans, Loan Guarantees, Credits, and Grants •
- H82 Governmental Property
- H83 Public Administration
- H87 International Fiscal Issues; International Public Goods
- H89 Other

#### I - Health, Education, and Welfare

#### Io - General

Ioo - General

#### I1 - Health

I10 - General

I11 - Analysis of Health Care Markets

I12 - Health Production

I18 - Government Policy; Regulation; Public Health

I19 - Other

## I2 - Education

I20 - General

I21 - Analysis of Education

I22 - Educational Finance

123 - Higher Education Research Institutions

**I28 - Government Policy** 

I29 - Other

# I3 - Welfare and Poverty

I30 - General

I31 - General Welfare

I32 - Measurement and Analysis of Poverty

138 - Government Policy; Provision and Effects of Welfare Programs

I39 - Other

## J - Labor and Demographic Economics

#### Jo - General

Joo - General

Jo1 - Labor Economics: General

Jo8 - Labor Economics Policies

# J1 - Demographic Economics

J10 - General

J11 - Demographic Trends and Forecasts

J12 - Marriage; Marital Dissolution; Family Structure; Domestic Abuse •

J13 - Fertility; Family Planning; Child Care; Children; Youth

J14 - Economics of the Elderly; Economics of the Handicapped

J<sub>15</sub> - Economics of Minorities and Races; Non-labor Discrimination

J16 - Economics of Gender; Non-labor Discrimination

J17 - Value of Life; Forgone Income

J18 - Public Policy

J19 - Other

# J2 - Demand and Supply of Labor

J20 - General

J21 - Labor Force and Employment, Size, and Structure

J22 - Time Allocation and Labor Supply

J23 - Labor Demand

J24 - Human Capital; Skills; Occupational Choice; Labor Productivity

J26 - Retirement; Retirement Policies

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J28 - Safety; Job Satisfaction; Related Public Policy
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J29 - Other

# J3 - Wages, Compensation, and Labor Costs

J30 - General

J31 - Wage Level and Structure; Wage Differentials

J32 - Nonwage Labor Costs and Benefits; Private Pensions

J33 - Compensation Packages; Payment Methods

J<sub>3</sub>8 - Public Policy

J39 - Other

## J4 - Particular Labor Markets

J40 - General

J41 - Labor Contracts

J42 - Monopsony; Segmented Labor Markets

J43 - Agricultural Labor Markets

J44 - Professional Labor Markets; Occupations; Licensing •

J45 - Public Sector Labor Markets

J48 - Public Policy

J49 - Other

# J5 - Labor-Management Relations, Trade Unions, and Collective Bargaining

J50 - General

J51 - Trade Unions: Objectives, Structure, and Effects

J52 - Dispute Resolution: Strikes, Arbitration, and Mediation; Collective Bargaining

J53 - Labor-Management Relations; Industrial Jurisprudence

J54 - Producer Cooperatives; Labor Managed Firms

J<sub>58</sub> - Public Policy

J59 - Other

## J6 - Mobility, Unemployment, and Vacancies

J60 - General

J61 - Geographic Labor Mobility; Immigrant Workers

J62 - Job, Occupational, and Intergenerational Mobility

J63 - Turnover; Vacancies; Layoffs

J64 - Unemployment: Models, Duration, Incidence, and Job Search

J65 - Unemployment Insurance; Severance Pay; Plant Closings

J68 - Public Policy

J69 - Other

## J7 - Labor Discrimination

J70 - General

J71 - Discrimination

J<sub>7</sub>8 - Public Policy

J79 - Other

#### J8 - Labor Standards: National and International

J80 - General

J81 - Working Conditions

J82 - Labor Force Composition

J83 - Workers' Rights

J88 - Public Policy

J89 - Other

#### **K - Law and Economics**

#### Ko - General

Koo - General

#### K1 - Basic Areas of Law

K10 - General

K11 - Property Law

K12 - Contract Law

K<sub>13</sub> - Tort Law and Product Liability

K14 - Criminal Law

K19 - Other

# K2 - Regulation and Business Law

K20 - General

K21 - Antitrust Law

K22 - Corporation and Securities Law

K23 - Regulated Industries and Administrative Law

K29 - Other

# K3 - Other Substantive Areas of Law

K30 - General

K31 - Labor Law

K32 - Environmental, Health, and Safety Law

K33 - International Law

K34 - Tax Law

K35 - Personal Bankruptcy Law

K36 - Family and Personal Law

K39 - Other

## K4 - Legal Procedure, the Legal System, and Illegal Behavior

K40 - General

K41 - Litigation Process

K42 - Illegal Behavior and the Enforcement of Law

K49 - Other

#### L - Industrial Organization

#### Lo - General

Loo - General

# L1 - Market Structure, Firm Strategy, and Market Performance

L10 - General

L11 - Production, Pricing, and Market Structure; Size Distribution of Firms

L12 - Monopoly; Monopolization Strategies

L13 - Oligopoly and Other Imperfect Markets

L14 - Transactional Relationships; Contracts and Reputation; Networks

L<sub>15</sub> - Information and Product Quality; Standardization and Compatibility

L16 - Industrial Organization and Macroeconomics; Macroeconomic

Industrial Structure: Industrial Price Indices

L17 - Open Source Products and Markets

L19 - Other

# L2 - Firm Objectives, Organization, and Behavior

L20 - General

L21 - Business Objectives of the Firm

L22 - Firm Organization and Market Structure

L23 - Organization of Production

L24 - Contracting Out; Joint Ventures; Technology Licensing

L25 - Firm Performance: Size, Diversification, and Scope

L26 - Entrepreneurship

L29 - Other

# L3 - Nonprofit Organizations and Public Enterprise

L30 - General

L31 - Nonprofit Institutions; NGOs

L32 - Public Enterprises

L33 - Comparison of Public and Private Enterprises; Privatization;

**Contracting Out** 

L<sub>38</sub> - Public Policy

L39 - Other

## L4 - Antitrust Issues and Policies

L40 - General

L41 - Monopolization; Horizontal Anticompetitive Practices

L42 - Vertical Restraints; Resale Price Maintenance; Quantity Discounts

L43 - Legal Monopolies and Regulation or Deregulation

L44 - Antitrust Policy and Public Enterprises, Nonprofit Institutions, and

Professional Organizations •

L49 - Other

# L5 - Regulation and Industrial Policy

L50 - General

L<sub>51</sub> - Economics of Regulation

L52 - Industrial Policy; Sectoral Planning Methods

L<sub>53</sub> - Enterprise Policy

L59 - Other

# L6 - Industry Studies: Manufacturing

L60 - General

L61 - Metals and Metal Products; Cement; Glass; Ceramics

L62 - Automobiles; Other Transportation Equipment

L63 - Microelectronics; Computers; Communications Equipment

L64 - Other Machinery; Business Equipment; Armaments

L65 - Chemicals; Rubber; Drugs; Biotechnology

L66 - Food; Beverages; Cosmetics; Tobacco; Wine and Spirits •

L67 - Other Consumer Nondurables: Clothing, Textiles, Shoes, and Leather

L68 - Appliances; Other Consumer Durables

L69 - Other

## L7 - Industry Studies: Primary Products and Construction

- L70 General
- L71 Mining, Extraction, and Refining: Hydrocarbon Fuels
- L72 Mining, Extraction, and Refining: Other Nonrenewable Resources
- L73 Forest Products
- L<sub>74</sub> Construction
- L<sub>7</sub>8 Government Policy
- L79 Other

# L8 - Industry Studies: Services

- L80 General
- L81 Retail and Wholesale Trade; e-Commerce
- L82 Entertainment; Media
- L83 Sports; Gambling; Recreation; Tourism
- L84 Personal, Professional, and Business Services
- L85 Real Estate Services
- L86 Information and Internet Services; Computer Software
- L87 Postal and Delivery Services
- L88 Government Policy
- L89 Other

# L9 - Industry Studies: Transportation and Utilities

- L90 General
- L91 Transportation: General
- L92 Railroads and Other Surface Transportation
- L93 Air Transportation
- L94 Electric Utilities
- L95 Gas Utilities; Pipelines; Water Utilities
- L96 Telecommunications
- L97 Utilities: General
- L98 Government Policy
- L99 Other

#### M - Business Administration and Business Economics; Marketing; Accounting

#### Mo - General

Moo - General

# M1 - Business Administration

- M10 General
- M11 Production Management
- M12 Personnel Management
- M<sub>13</sub> New Firms; Startups
- M14 Corporate Culture; Social Responsibility
- M<sub>15</sub> IT Management •
- M16 International Business Administration •
- M19 Other

## M2 - Business Economics

- M20 General
- M21 Business Economics
- M29 Other

# M3 - Marketing and Advertising

M30 - General

M31 - Marketing

M<sub>37</sub> - Advertising

M38 - Government Policy and Regulation •

M39 - Other

# M4 - Accounting and Auditing

M40 - General

M41 - Accounting

M42 - Auditing

M48 - Government Policy and Regulation •

M49 - Other

# M5 - Personnel Economics

M50 - General

M<sub>5</sub>1 - Firm Employment Decisions; Promotions

M52 - Compensation and Compensation Methods and Their Effects

M<sub>53</sub> - Training

M54 - Labor Management

M<sub>55</sub> - Labor Contracting Devices

M59 - Other

# **N - Economic History**

#### No - General

Noo - General

No1 - Development of the Discipline: Historiographical; Sources and Methods

# N1 - Macroeconomics and Monetary Economics; Growth and Fluctuations

N10 - General, International, or Comparative

N11 - U.S.; Canada: Pre-1913

N12 - U.S.; Canada: 1913-

N13 - Europe: Pre-1913

N14 - Europe: 1913-

N<sub>15</sub> - Asia including Middle East

N16 - Latin America; Caribbean

N<sub>17</sub> - Africa; Oceania

# N2 - Financial Markets and Institutions

N20 - General, International, or Comparative

N21 - U.S.; Canada: Pre-1913

N22 - U.S.; Canada: 1913-

N23 - Europe: Pre-1913

N24 - Europe: 1913-

N25 - Asia including Middle East

N26 - Latin America; Caribbean

N27 - Africa; Oceania

N3 - Labor and Consumers, Demography, Education, Health, Welfare, Income, and Wealth

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N30 - General, International, or Comparative
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N31 - U.S.; Canada: Pre-1913

N32 - U.S.; Canada: 1913- •

N33 - Europe: Pre-1913

N34 - Europe: 1913- •

N35 - Asia including Middle East •

N36 - Latin America; Caribbean

N37 - Africa; Oceania

# N4 - Government, War, Law, and Regulation

N40 - General, International, or Comparative

N41 - U.S.; Canada: Pre-1913

N42 - U.S.; Canada: 1913-

N43 - Europe: Pre-1913

N44 - Europe: 1913-

N45 - Asia including Middle East

N46 - Latin America; Caribbean

N<sub>47</sub> - Africa; Oceania

# N5 - Agriculture, Natural Resources, Environment, and Extractive Industries

N50 - General, International, or Comparative

N51 - U.S.; Canada: Pre-1913

N52 - U.S.; Canada: 1913-

N53 - Europe: Pre-1913

N54 - Europe: 1913-

N55 - Asia including Middle East

N56 - Latin America; Caribbean

N<sub>57</sub> - Africa; Oceania

#### N6 - Manufacturing and Construction

N60 - General, International, or Comparative

N61 - U.S.; Canada: Pre-1913

N62 - U.S.; Canada: 1913-

N63 - Europe: Pre-1913

N64 - Europe: 1913-

N65 - Asia including Middle East

N66 - Latin America; Caribbean

N67 - Africa; Oceania

# N7 - Transport, Trade, Energy, Technology, and Other Services

N70 - General, International, or Comparative

N71 - U.S.; Canada: Pre-1913

N72 - U.S.; Canada: 1913-

N73 - Europe: Pre-1913

N74 - Europe: 1913-

N<sub>75</sub> - Asia including Middle East

N76 - Latin America; Caribbean

N77 - Africa; Oceania

#### N8 - Micro-Business History

N80 - General, International, or Comparative

N81 - U.S.; Canada: Pre-1913

N82 - U.S.; Canada: 1913-

N83 - Europe: Pre-1913

N84 - Europe: 1913-

N85 - Asia including Middle East

N86 - Latin America; Caribbean

N87 - Africa; Oceania

# N9 - Regional and Urban History

N90 - General, International, or Comparative

N91 - U.S.; Canada: Pre-1913

N92 - U.S.; Canada: 1913-

N93 - Europe: Pre-1913

N94 - Europe: 1913-

N95 - Asia including Middle East

N96 - Latin America; Caribbean

N97 - Africa; Oceania

# O - Economic Development, Technological Change, and Growth

# O1 - Economic Development

O10 - General

O11 - Macroeconomic Analyses of Economic Development

O12 - Microeconomic Analyses of Economic Development

O13 - Agriculture; Natural Resources; Energy; Environment; Other Primary Products

O14 - Industrialization; Manufacturing and Service Industries; Choice of Technology

O15 - Human Resources; Human Development; Income Distribution; Migration

O16 - Economic Development: Financial Markets; Saving and Capital Investment; Corporate Finance and Governance

O17 - Formal and Informal Sectors; Shadow Economy; Institutional Arrangements

O18 - Regional, Urban, and Rural Analyses

O19 - International Linkages to Development; Role of International Organizations

# O2 - Development Planning and Policy

O20 - General

O21 - Planning Models; Planning Policy

O22 - Project Analysis

O23 - Fiscal and Monetary Policy in Development

O24 - Trade Policy; Factor Movement Policy; Foreign Exchange Policy

O25 - Industrial Policy

O29 - Other

## O<sub>3</sub> - Technological Change; Research and Development

O30 - General

O<sub>31</sub> - Innovation and Invention: Processes and Incentives

O32 - Management of Technological Innovation and R&D

- O33 Technological Change: Choices and Consequences; Diffusion Processes
- O<sub>34</sub> Intellectual Property Rights
- O38 Government Policy
- O39 Other

# O4 - Economic Growth and Aggregate Productivity

- O40 General
- O41 One, Two, and Multisector Growth Models
- O42 Monetary Growth Models
- O43 Institutions and Growth
- O47 Measurement of Economic Growth; Aggregate Productivity; Cross-
- **Country Output Convergence**
- O49 Other

# O5 - Economywide Country Studies

- O50 General
- O51 U.S.; Canada
- O<sub>52</sub> Europe
- O53 Asia including Middle East
- O<sub>54</sub> Latin America; Caribbean
- O55 Africa
- O56 Oceania
- O<sub>57</sub> Comparative Studies of Countries

#### P - Economic Systems

## Po - General

Poo - General

# P1 - Capitalist Systems

- P10 General
- P11 Planning, Coordination, and Reform
- P12 Capitalist Enterprises
- P<sub>13</sub> Cooperative Enterprises
- P14 Property Rights
- P16 Political Economy
- P17 Performance and Prospects
- P19 Other

# P2 - Socialist Systems and Transitional Economies

- P20 General
- P21 Planning, Coordination, and Reform
- P22 Prices
- P23 Factor and Product Markets; Industry Studies; Population
- P24 National Income, Product, and Expenditure; Money; Inflation
- P25 Urban, Rural, and Regional Economics
- P26 Political Economy; Property Rights
- P27 Performance and Prospects
- P28 Natural Resources; Energy; Environment
- P29 Other

## P3 - Socialist Institutions and Their Transitions

P30 - General

P31 - Socialist Enterprises and Their Transitions

P32 - Collectives; Communes; Agriculture

P33 - International Trade, Finance, Investment, and Aid

P34 - Financial Economics

P35 - Public Economics

P36 - Socialist Institutions and Their Transitions: Consumer Economics;

Health, Education and Training, Welfare, and Poverty

P37 - Legal Institutions; Illegal Behavior

P39 - Other

# P4 - Other Economic Systems

P40 - General

P41 - Planning, Coordination, and Reform

P42 - Productive Enterprises; Factor and Product Markets; Prices;

**Population** 

P43 - Public Economics; Financial Economics

P44 - National Income, Product, and Expenditure; Money; Inflation

P45 - International Trade, Finance, Investment, and Aid

P46 - Consumer Economics; Welfare and Poverty

P47 - Performance and Prospects

P48 - Political Economy; Legal Institutions; Property Rights

P49 - Other

# P5 - Comparative Economic Systems

P50 - General

P51 - Comparative Analysis of Economic Systems

P52 - Comparative Studies of Particular Economies

P59 - Other

#### Q - Agricultural and Natural Resource Economics; Environmental and Ecological Economics

## Qo - General

Qoo - General

Qo1 - Sustainable Development

## Q1 - Agriculture

Q10 - General

Q11 - Aggregate Supply and Demand Analysis; Prices

Q12 - Micro Analysis of Farm Firms, Farm Households, and Farm Input

Markets

Q13 - Agricultural Markets and Marketing; Cooperatives; Agribusiness

Q14 - Agricultural Finance

Q15 - Land Ownership and Tenure; Land Reform; Land Use; Irrigation

Q16 - R&D; Agricultural Technology; Agricultural Extension Services

Q17 - Agriculture in International Trade

Q18 - Agricultural Policy; Food Policy

Q19 - Other

## Q2 - Renewable Resources and Conservation

- Q20 General
- Q21 Demand and Supply
- Q22 Fishery; Aquaculture
- Q23 Forestry
- Q24 Land
- Q25 Water
- Q26 Recreational Aspects of Natural Resources
- Q27 Renewable Resources and Conservation: Issues in International Trade
- Q28 Government Policy
- Q29 Other

# Q3 - Nonrenewable Resources and Conservation

- Q30 General
- Q31 Demand and Supply
- Q32 Exhaustible Resources and Economic Development
- Q34 Natural Resources and Domestic and International Conflicts
- Q33 Resource Booms
- Q38 Government Policy
- Q39 Other

# Q4 - Energy

- O40 General
- Q41 Demand and Supply
- Q42 Alternative Energy Sources
- Q43 Energy and the Macroeconomy
- Q48 Government Policy
- Q49 Other

# **Q5** - Environmental Economics

- Q50 General
- Q51 Valuation of Environmental Effects
- Q52 Pollution Control Costs; Distributional Effects; Employment Effects
- Q53 Air Pollution; Water Pollution; Noise; Hazardous Waste; Solid Waste; Recycling
- Q54 Climate; Natural Disasters; Global Warming
- Q55 Technological Innovation
- Q56 Environment and Development; Environment and Trade;

Sustainability; Environmental Accounting; Environmental Equity;

Population Growth •

Q57 - Ecological Economics: Ecosystem Services; Biodiversity Conservation;

Bioeconomics

Q58 - Government Policy

O59 - Other

# R - Urban, Rural, and Regional Economics

#### Ro - General

Roo - General

## R1 - General Regional Economics

R10 - General

R11 - Regional Economic Activity: Growth, Development, and Changes

R12 - Size and Spatial Distributions of Regional Economic Activity

R13 - General Equilibrium and Welfare Economic Analysis of Regional

**Economies** 

R14 - Land Use Patterns

R15 - Econometric and Input-Output Models; Other Models

R19 - Other

# R2 - Household Analysis

R20 - General

R21 - Housing Demand

R22 - Other Demand

R23 - Regional Migration; Regional Labor Markets; Population

R28 - Government Policy •

R29 - Other

# R3 - Production Analysis and Firm Location

R30 - General

R31 - Housing Supply and Markets

R32 - Other Production and Pricing Analysis

R33 - Nonagricultural and Nonresidential Real Estate Markets

R34 - Input Demand Analysis

R38 - Government Policies; Regulatory Policies

R39 - Other

# **R4 - Transportation Systems**

R40 - General

R41 - Transportation: Demand, Supply, and Congestion; Safety and

Accidents; Transportation Noise

R42 - Government and Private Investment Analysis

R48 - Government Pricing; Regulatory Policies

R49 - Other

# R5 - Regional Government Analysis

R50 - General

R51 - Finance in Urban and Rural Economies

R52 - Land Use and Other Regulations

R53 - Public Facility Location Analysis; Public Investment and Capital Stock

R58 - Regional Development Policy

R59 - Other

#### Y - Miscellaneous Categories

Y1 - Data: Tables and Charts

Y10 - Data: Tables and Charts

Y2 - Introductory Material

Y20 - Introductory Material •

Y3 - Book Reviews (unclassified)

Y30 - Book Reviews (unclassified)

Y4 - Dissertations (unclassified)

Y40 - Dissertations (unclassified)

Y5 - Further Reading (unclassified)

Y50 - Further Reading (unclassified)

Y6 - Excerpts

Y60 - Excerpts

Y8 - Related Disciplines

Y80 - Related Disciplines

Y9 - Other

Y90 - Other

# **Z** - Other Special Topics

Zo - General

Zoo - General

Z1 - Cultural Economics; Economic Sociology; Economic Anthropology

Z10 - General

Z11 - Economics of the Arts and Literature

Z12 - Religion

Z13 - Economic Sociology; Economic Anthropology

Z19 - Other