# CONTENTS

## VOLUME I  PUBLIC EXPENDITURES

<table>
<thead>
<tr>
<th>Acknowledgements</th>
<th>xiii</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronological table</td>
<td>xvii</td>
</tr>
<tr>
<td><strong>Introduction</strong></td>
<td></td>
</tr>
<tr>
<td>1 The pure theory of public expenditure</td>
<td>9</td>
</tr>
<tr>
<td>PAUL A. SAMUELSON</td>
<td></td>
</tr>
<tr>
<td>2 The constitution of economic policy</td>
<td>13</td>
</tr>
<tr>
<td>JAMES M. BUCHANAN</td>
<td></td>
</tr>
<tr>
<td>3 On taxation and the control of externalities</td>
<td>24</td>
</tr>
<tr>
<td>WILLIAM J. BAUMOL</td>
<td></td>
</tr>
<tr>
<td>4 The market for sulfur dioxide emissions</td>
<td>45</td>
</tr>
<tr>
<td>PAUL L. JOSKOW, RICHARD SCHMALENSEE AND</td>
<td></td>
</tr>
<tr>
<td>ELIZABETH M. BAILEY</td>
<td></td>
</tr>
<tr>
<td>5 The problem of social cost</td>
<td>67</td>
</tr>
<tr>
<td>R.H. COASE</td>
<td></td>
</tr>
<tr>
<td>6 The Coase theorem is tautological, incoherent or wrong</td>
<td>110</td>
</tr>
<tr>
<td>DAN USHER</td>
<td></td>
</tr>
<tr>
<td>7 The invisible hand and externalities</td>
<td>120</td>
</tr>
<tr>
<td>ERIC S. MASKIN</td>
<td></td>
</tr>
</tbody>
</table>
CONTENTS

8 Prices vs. quantities
MARTIN L. WEITZMAN

9 Implementing the efficient allocation of pollution
JOHN DUGGAN AND JOANNE ROBERTS

10 Cooperation in public-goods experiments: kindness or confusion?
JAMES ANDREONI

11 Multipart pricing of public goods
EDWARD H. CLARKE

12 A new and superior process for making social choices
T. NICOLAUS TIDEMAN AND GORDON TULLOCK

13 Does voluntary participation undermine the Coase theorem?
AVINASH DIXIT AND MANCUR OLSON

14 The general theory of second best
R.G. LIPSEY AND KELVIN LANCASTER

15 Pigou, taxation and public goods
A.B. ATKINSON AND N.H. STERN

16 The theory of decreasing cost production
R. TRESCH

17 On the management of public monopolies subject to budgetary constraints
M. BOITEUX

18 Overinsurance and public provision of insurance: the roles of moral hazard and adverse selection
MARK V. PAULY

19 Equilibrium in competitive insurance markets: an essay on the economics of imperfect information
MICHAEL ROTHSCHILD AND JOSEPH STIGLITZ
CONTENTS

20 Social security
   PETER DIAMOND 350

21 Rethinking social insurance
   MARTIN FELDSTEIN 384

22 Optimal taxation and public production I: production efficiency
   PETER A. DIAMOND AND JAMES A. MIRRLEES 418

23 Integrating equity and efficiency in applied welfare economics
   ROBIN BOADWAY 447

24 Theoretical progress in public economics: a provocative assessment
   PETER J. HAMMOND 463

VOLUME II TAXATION

Acknowledgements vii

Introduction 1

25 Applying first-best principles of taxation: who to tax and how
   R. TRESCH 9

26 On the divergence between "ideal" and conventional income-tax treatment of human capital
   LOUIS KAPLOW 20

27 On the theory of tax reform
   MARTIN FELDSTEIN 28

28 Horizontal equity: measures in search of a principle
   LOUIS KAPLOW 56

29 Distributive justice in taxation
   H.P. YOUNG 79

vii
30 Principles of efficiency: the measurement of waste
ARNOLD C. HARBERGER

93

31 Optimal taxation and public production II: tax rules
PETER A. DIAMOND AND JAMES A. MIRRLEES

110

32 Theory of optimal taxation
P.A. SAMUELSON

136

33 A many-person ramsey tax rule
P.A. DIAMOND

143

34 Complementarity and the excess burden of taxation
W.J. CORLETT AND D C. HAGUE

151

35 How much redistribution is possible through commodity taxes?
RAAJ KUMAR SAH

164

36 The design of tax structure: direct versus indirect taxation
A.B. ATKINSON AND J.E. STIGLITZ

177

37 An exploration in the theory of optimum income taxation
J.A. MIRRLEES

199

38 Optimal income taxation: an example with a U-shaped pattern of optimal marginal tax rates
PETER A. DIAMOND

244

39 Redistributive taxation in a simple perfect foresight model
KENNETH L. JUDD

264

40 Taxation and savings: a neoclassical perspective
LAURENCE J. KOTLIKOFF

288

41 Simulating fundamental tax reform in the united states
DAVID ALTIG, ALAN J. AUERBACH, LAURENCE J. KOTLIKOFF, KENT A. SMETTERS, AND JAN WALLISER

354
CONTENTS

42 Self-selection and Pareto efficient taxation 385
JOSEPH E. STIGLITZ

43 Income tax evasion: a theoretical analysis 414
MICHAEL G. ALLINGHAM AND AGNAR SANDMO

44 Towards a theory of the direct–indirect tax mix 427
ROBIN BOADWAY, MAURICE MARCHAND, AND PIERRE PESTIEAU

VOLUME III DISTRIBUTION

Acknowledgements vii

Introduction 1

45 On the measurement of inequality 9
ANTHONY B. ATKINSON

46 Extract from Conceptual problems 27
A. ATKINSON

47 The case against income redistribution 33
EDGAR K. BROWNING

48 Distributional tax progressivity indexes 50
DONALD W. KIEFER

49 Ethical measurement of inequality: some difficulties 72
A. SEN

50 Measuring social mobility 88
VALENTINO DARDANONI

51 Aggregate consumer behavior and the measurement of social welfare 110
DALE W. JORGENSEN

52 Efficiency versus equity in economic policy analysis 147
DALE W. JORGENSEN
CONTENTS

53 The economics of "tagging" as applied to the optimal income tax, welfare programs, and manpower planning
GEORGE A. ACKERLOF

54 Pareto optimal redistribution
HAROLD M. HOCHMAN AND JAMES D. RODGERS

55 Privately provided public goods in a large economy: the limits of altruism
JAMES ANDREONI

56 Cash versus kind, self-selection, and efficient transfers
CHARLES BLACKORBY AND DAVID DONALDSON

57 Understanding welfare stigma: taxpayer resentment and statistical discrimination
TIMOTHY BESLEY AND STEPHEN COATE

58 The design of income maintenance programmes
TIMOTHY BESLEY AND STEPHEN COATE

59 Redistributive taxation as social insurance
HAL R. VARIAN

60 Regression or progression: the taxing question of incidence analysis
JOHN WHALLEY

61 The incidence of the corporation income tax
ARNOLD C. HARBERGER

62 Equal yield tax alternatives: general equilibrium computational techniques
JOHN B. SHOVEN AND JOHN WHALLEY

63 Lifetime versus annual perspectives on tax incidence
DON FULLERTON AND DIANE LIM ROGERS

64 What is benefit taxation?
JAMES R. HINES JR.
## CONTENTS

**VOLUME IV  FEDERALISM**

*Acknowledgements*  
vii

*Introduction*  
1

65 *Extracts from* Fiscal Federalism  
W. OATES  
9

66 *An optimal tax approach to fiscal federalism*  
ROGER H. GORDON  
29

67 *Income redistribution as a local public good*  
MARK V. PAULY  
47

68 *Optimal federalism*  
R. TRESCH  
67

69 *A pure theory of local expenditures*  
CHARLES M. TIEBOUT  
79

70 *Group segregation and optimal jurisdictions*  
MARTIN MCGUIRE  
89

71 *A critique of Tiebout’s theory of local public expenditures*  
TRUMAN F. BEWLEY  
109

72 *The theory of local public goods*  
JOSEPH E. STIGLITZ  
139

73 *Theories of tax competition*  
JOHN DOUGLAS WILSON  
198

74 *Assistance to the poor in a federal system*  
CHARLES C. BROWN AND WALLACE E. OATES  
242

75 *Uncertain income and redistribution in a federal system*  
KANGOH LEE  
265
<table>
<thead>
<tr>
<th>CONTENTS</th>
</tr>
</thead>
</table>
| 76  Mobility and redistribution                                                                                                                  286
| DENNIS EPPLE AND THOMAS ROMER                                                                                                                                                                            |
| 77  Estimating equilibrium models of local jurisdictions                                                                                           314
| DENNIS EPPLE AND HOLGER SIEG                                                                                                                                                                             |
| 78  Fiscal equity and central government grants to local authorities                                                                               348
| JULIAN LE GRAND                                                                                                                                                                                             |
| 79  Income and grant effects on local expenditure: the flypaper effect and other difficulties                                                    367
| RONALD C. FISHER                                                                                                                                                                                          |
| Index                                                                                                                                                                                                     388