

Contents

	PAGE
<i>List of Tables</i>	ix
<i>Preface</i>	xi
 <i>Chapter 1 Introduction</i>	
1 The neglect of spatial analysis	1
2 General approaches to regional and locational analysis	5
3 Scope and outline	7
 <i>Part A Location</i>	
 <i>Chapter 2 Spatial price theory</i>	
1 Spatial equilibrium in geographically separated markets	13
2 Introducing patterns of spatial dispersion	18
3 Single producer surrounded by many buyers: the spatial monopolist	20
4 Two sellers at different locations surrounded by many buyers: the law of market areas	24
5 Many sellers concentrated, buyers dispersed	28
6 Buyers concentrated, sellers dispersed	29
7 Buyers and sellers dispersed with a central market	30
8 Buyers and sellers dispersed: monopolistic competition and spatial oligopoly	32
9 Alternative spatial pricing systems	37
10 Spatial price variations: a testable model	39
 <i>Chapter 3 Transport costs and location</i>	
1 Transportation as a locational factor: some general considerations	42
2 Weber's theory of location: the locational and weight triangles and minimisation of transport costs	45
3 Transport inputs	49
4 Labour and other forms of orientation: substitution between transport and non-transport costs	56

Chapter 4 The optimal location of the firm

1 The space cost curve	59
2 Demand cones: towards a space revenue curve	69
3 Space revenue, space costs and the profit maximising location	77
4 Locational interdependence	81
5 Alternatives to profit maximisation as a locational objective	90

Chapter 5 The general theory of location

1 Obstacles to a general theory	101
2 The general theory of location according to Lösch	105
3 The general theory of location: Greenhut	108
4 Lefebvre's general equilibrium theory	111

*Part B The urban economy**Chapter 6 Urban spatial structure*

1 The minimisation of costs of friction hypothesis	119
2 Some observations on models of urban spatial structure	123
3 Locational equilibrium of an urban firm	129
4 Consumer spatial behaviour and the location of retail establishments	132
5 A model of urban residential equilibrium	137
6 Concepts of city structure	145

Chapter 7 Urban growth

1 Introduction	156
2 Central place theory	156
3 The urban economic base and urban growth	165
4 The human ecological approach to urban growth	170
5 The communications theory of urban growth	175
6 City size and urban growth	176

Chapter 8 The urban public economy

1 Economic trends and urban government activity	186
2 Local government and the triple budget function	188
3 Urban fiscal problems	193
A Fiscal implications of spatial dispersion	193
B Urban budget decisions	194

	PAGE
4 Scale economies and efficient urban government units	196
5 Consumer preferences and spatial mobility between urban communities	203
6 Methods of financing urban government expenditures	208
7 Summary	217

Part C Regional economics

Chapter 9 The regional framework

1 The region as a concept	223
2 Regional accounts	231
A Introduction	231
B Regional income and product accounts: an example	234
C Regional input-output accounts: an illustration	237

Chapter 10 Inter-regional income theory

1 The regional economic base	247
2 A model of income determination in a multiple regional system	254
3 The inter-regional multiplier	256
4 Balance of payments implications	259
5 Regional balance of payments: mechanisms of adjustment	262
6 The gravity concept and regional macroeconomics	270

Chapter 11 Regional business cycles

1 Approaches to cyclical analysis	275
2 An inter-regional multiplier-accelerator model	281

Chapter 12 Factor mobility

1 Factor mobility and general equilibrium	287
2 Labour migration	295
A Internal migration and its role	295
B Theoretical hypotheses	298
3 Mobility of capital	304
4 Spatial diffusion of innovation and technical progress	310
5 The mobility of managerial talent	316

Chapter 13 Regional growth

1 Introduction	321
2 Harrod-Domar models	323

	PAGE
3 Equilibrium growth in a neoclassical model	331
4 The export base theory of growth	336
5 The sector approach	340
6 Industrial structure and regional growth	342
7 Long-run convergence of <i>per capita</i> incomes	347
 <i>Chapter 14 Policy objectives and efficiency</i>	
1 A framework for policy	358
A Decision models	358
B Linear programming	361
2 The consistency of policy goals	365
A The national interest and regional objectives	365
B Aggregate efficiency and inter-regional equity	372
C Compatibility of inter-regional goals	376
3 Regional stabilisation policy	379
 <i>Chapter 15 The strategy of regional policy</i>	
1 Alternative strategies for problem regions	386
A Introduction	386
B The market solution	389
C Measures to stimulate migration	392
D Capital mobility and location of industry policy	397
2 Wage subsidies, resource allocation and employment	409
3 The growth-point concept	415
 <i>Bibliography</i>	 429
 <i>Name Index</i>	 443
 <i>Subject Index</i>	 447