Growth and Innovation of Competitive Regions
The Role of Internal and External Connections
Contents

Part I  Foundations of Growth in Interconnected Territories

Regional Growth, Connections and Economic Modelling:
An Introduction ......................................................... 3
Ugo Fratesi and Lanfranco Senn

Sustainable Interrelated Growth: A Phenomenal Approach .......... 29
Alberto Bramanti and Massimiliano R. Riggi

A Model of Local Development ........................................ 45
Giuseppe Folloni

The Dynamics of an ‘Innovation Driven’ Territorial System .......... 59
Alberto Bramanti and Ugo Fratesi

Part II  Innovation and Entrepreneurship in Regions Faced with External Competition

The Co-Evolution of Entrepreneurship and Clusters ................. 95
Christian Garavaglia and Stefano Breschi

Learning, Innovation and Growth Within Interconnected Clusters:
An Agent-Based Approach ........................................... 117
Mario A. Maggioni and Stefano N. Roncari

Knowledge-Based Economy and Knowledge Creation:
The Role of Space ..................................................... 145
Roberto Camagni and Roberta Capello

Systems of Innovation and Regional Growth in the EU: Endogenous vs. External Innovative Activities and Socio-Economic Conditions .... 167
Riccardo Crescenzi and Andrés Rodríguez-Pose
Some Conjectures on the Tie Between Digital Divide and Regional Disparities ............................................. 193
Marco Alderighi

Part III The Factors of Development in Advanced Regions

Interconnection-Infrastructure as a Prerequisite for the Development of Territories – The Role of Network Externalities .................. 217
Anna Creti

Regional Growth and the Co-Evolution of Clusters: The Role of Labour Flows ............................................. 245
Massimiliano R. Riggi and Mario A. Maggioni

Intra-National Disparities, Regional Interactions and the Growth of Countries ............................................. 269
Marco Alderighi and Marco Percoco

Creativity, Cultural Investment and Local Development: A New Theoretical Framework for Endogenous Growth ............... 281
Pier Luigi Sacco and Giovanna Segre

Part IV Methods and Theories for the Study of Interconnected Territories

Modelling Individual Behaviour of Firms in the Study of Spatial Concentration ............................................. 297
Giuseppe Arbia, Massimiliano Copetti, and Peter Diggle

The New Approach to Regional Economics Dynamics: Path Dependence and Spatial Self-Reinforcing Mechanisms .................. 329
Domenico Marino and Raffaele Trapasso

Part V Conclusions

What Policy for Interconnected Territories? Conclusions and Openings .. 351
Lanfranco Senn and Ugo Fratesi

Index ................................................................. 363