Contents

1 Economic Growth, Innovation and Competitiveness in a Knowledge-Based World Economy: Introduction .................. 1
Peter Nijkamp, Iulia Siedschlag, and Donal Smith

Part I Economic Growth in a Knowledge-Based Economy

2 Defining Knowledge-Driven Economic Dynamism in the World Economy: A Methodological Perspective ..................... 15
Paschalis A. Arvanitidis and George Petrakos

3 Explaining Knowledge-Based Economic Growth in the World Economy ......................................................... 41
Panagiotis Artelaris, Paschalis A. Arvanitidis, and George Petrakos

4 Critical Success Factors for a Knowledge-Based Economy: An Empirical Study into Background Factors of Economic Dynamism .......................................................... 61
Patricia van Hemert and Peter Nijkamp

5 Knowledge Spillover Agents and Regional Development ............... 91
Michaela Trippl and Gunther Maier

6 Star Scientists as Drivers of the Development of Regions ............ 113
Michaela Trippl and Gunther Maier

7 The Determinants of Regional Educational Inequality in Western Europe ................................................................. 135
Andrés Rodríguez-Pose and Vassilis Tselios

8 Innovation and Firms’ Productivity Growth in Slovenia: Sensitivity of Results to Sectoral Heterogeneity and to Estimation Method ...... 165
Jože P. Damijan, Črt Kostevc, and Matija Rojec
9 Social Capital and Growth in Brazilian Municipalities .......... 195
Luca Corazzini, Matteo Grazzi, and Marcella Nicolini

Part II Globalisation, Competitiveness and Growth

10 A Knowledge: Learning-Based Perspective on Foreign Direct Investment and the Multinational Enterprise .......... 221
Christos N. Pitelis

11 Determinants of MNE Subsidiaries Decision to Set up Own R&D Laboratories: The Choice of Region ......................... 235
Constantina Kottaridi, Marina Papanastassiou, and Christos Pitelis

12 Multinational Enterprise and Subsidiaries’ Absorptive Capacity and Global Knowledge Sourcing .................................. 259
Constantina Kottaridi, Marina Papanastassiou, Christos N. Pitelis, and Dimitrios D. Thomakos

Part III The Role of Public Policies in Fostering Innovation, Competitiveness and Growth

13 The Competitive Advantage and Catching-Up of Nations: A New Framework and the Role of FDI, Clusters and Public Policy ................................................. 281
Christos N. Pitelis

14 The Role of Public Policies in Fostering Innovation and Growth: Theory and Empirical Evidence ..................... 305
Marc Schiffbauer

15 European Competition and Industrial Policy: An Assessment and a New Framework ................................................. 343
Ioanna Glykou and Christos N. Pitelis
Innovation, Growth and Competitiveness
Dynamic Regions in the Knowledge-Based World Economy
Nijkamp, P.; Siedschlag, I. (Eds.)
2011, XII, 380 p., Hardcover
ISBN: 978-3-642-14964-1