

# Contents

<b>1 Economic Growth, Innovation and Competitiveness in a Knowledge-Based World Economy: Introduction</b> .....	1
Peter Nijkamp, Iulia Siedschlag, and Donal Smith	
<b>Part I Economic Growth in a Knowledge-Based Economy</b>	
<b>2 Defining Knowledge-Driven Economic Dynamism in the World Economy: A Methodological Perspective</b> .....	15
Paschalis A. Arvanitidis and George Petrakos	
<b>3 Explaining Knowledge-Based Economic Growth in the World Economy</b> .....	41
Panagiotis Artelaris, Paschalis A. Arvanitidis, and George Petrakos	
<b>4 Critical Success Factors for a Knowledge-Based Economy: An Empirical Study into Background Factors of Economic Dynamism</b> .....	61
Patricia van Hemert and Peter Nijkamp	
<b>5 Knowledge Spillover Agents and Regional Development</b> .....	91
Michaela Tripl and Gunther Maier	
<b>6 Star Scientists as Drivers of the Development of Regions</b> .....	113
Michaela Tripl and Gunther Maier	
<b>7 The Determinants of Regional Educational Inequality in Western Europe</b> .....	135
Andrés Rodríguez-Pose and Vassilis Tselios	
<b>8 Innovation and Firms' Productivity Growth in Slovenia: Sensitivity of Results to Sectoral Heterogeneity and to Estimation Method</b> .....	165
Jože P. Damijan, Črt Kostevc, and Matija Rojec	

<b>9 Social Capital and Growth in Brazilian Municipalities</b> .....	195
Luca Corazzini, Matteo Grazzi, and Marcella Nicolini	
<b>Part II Globalisation, Competitiveness and Growth</b>	
<b>10 A Knowledge: Learning-Based Perspective on Foreign Direct Investment and the Multinational Enterprise</b> .....	221
Christos N. Pitelis	
<b>11 Determinants of MNE Subsidiaries Decision to Set up Own R&amp;D Laboratories: The Choice of Region</b> .....	235
Constantina Kottaridi, Marina Papanastassiou, and Christos Pitelis	
<b>12 Multinational Enterprise and Subsidiaries' Absorptive Capacity and Global Knowledge Sourcing</b> .....	259
Constantina Kottaridi, Marina Papanastassiou, Christos N. Pitelis, and Dimitrios D. Thomakos	
<b>Part III The Role of Public Policies in Fostering Innovation, Competitiveness and Growth</b>	
<b>13 The Competitive Advantage and Catching-Up of Nations: A New Framework and the Role of FDI, Clusters and Public Policy</b> .....	281
Christos N. Pitelis	
<b>14 The Role of Public Policies in Fostering Innovation and Growth: Theory and Empirical Evidence</b> .....	305
Marc Schiffbauer	
<b>15 European Competition and Industrial Policy: An Assessment and a New Framework</b> .....	343
Ioanna Glykou and Christos N. Pitelis	



<http://www.springer.com/978-3-642-14964-1>

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