

Contents

Schumpeterian perspectives on innovation, competition and growth	1
Uwe Cantner · Jean-Luc Gaffard · Lionel Nesta	

Part I Conception

Innovation, competition, and growth: Schumpeterian ideas within a Hicksian framework	7
Jean-Luc Gaffard	

The technology evolving culture: character and consequence	25
Richard H. Day	

Motivation, innovation and co-ordination	35
Brian J. Loasby	

A micro-meso-macro perspective on the methodology of evolutionary economics: Integrating history, simulation and econometrics	53
John Foster · Jason Potts	

Part II Modelling

Product variety, competition and economic growth	71
Pier Paolo Saviotti · Andreas Pyka	

A dual economy model of endogenous growth with R&D and market structure	97
Thanh Le	

Technological change and the vertical organization of industries	115
Tommaso Ciarli · Riccardo Leoncini · Sandro Montresor · Marco Valente	

Evolutionary micro-dynamics and changes in the economic structure	137
André Lorentz · Maria Savona	

The microfoundations of business cycles: an evolutionary, multi-agent model	161
Giovanni Dosi · Giorgio Fagiolo · Andrea Roventini	

Technological progress and inequality: an ambiguous relationship	181
Maurizio Iacopetta	

Part III Empirics

Labor market institutions and industrial performance: an evolutionary study	205
Yılmaz Kılıçaslan · Erol Taymaz	

Renascent entrepreneurship	221
Erik Stam · David Audretsch · Joris Meijaard	

Growing like mushrooms? Sectoral evidence from four large European economies	237
Carolina Castaldi · Sandro Sapio	

Diversity in innovation and productivity in Europe	257
Francesco Crespi · Mario Pianta	

Heterogeneity of innovation strategies and firm performance	275
Bianca Potì · Giovanni Cerulli	

New business formation, growth, and the industry lifecycle	299
Oliver Falck	

Division of labor and division of knowledge: A case study of innovation in the video game industry	313
Patrick Llerena · Thierry Burger-Helmchen · Patrick Cohendet	

Part IV Policy

Policies for a new entrepreneurial economy	335
Gunnar Eliasson	

Entrepreneurial state: The schumpeterian theory of industrial policy and the East Asian “Miracle”	367
Alexander Ebner	
Promoting innovation and competition with patent policy	389
Gilles Koléda	
Reinforcing the patent system? Effects of patent fences and knowledge diffusion on the development of new industries, technical progress and social welfare	411
Murat Yildizoğlu	
The structure and the emergence of essential patents for standards: Lessons from three IT standards	433
Sadao Nagaoka · Naotoshi Tsukada · Tomoyuki Shimbo	

Schumpeterian Perspectives on Innovation,
Competition and Growth

Cantner, U.; Gaffard, J.-L.; Nesta, L. (Eds.)

2009, VII, 450 p., Hardcover

ISBN: 978-3-540-93776-0