

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 Sapiro

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	