# Table of Contents

**Introduction**  
*Malerba F and Cantner U* ................................................................. 1

**Part 1: Innovation, entrepreneurship, the firm and industry evolution**

*Innovation and the evolution of industries*  
*Malerba F* ................................................................. 7

*Entrepreneurship, evolution and the human mind*  
*Loasby BJ* ................................................................. 29

*Division of labor and division of knowledge: Why the nature of the causality matters for the evolutionary theory of the firm*  
*Becker MC, Cohendet P, and Llerena P* .................................................. 49

**Part 2: Entry of new firms and small firms**

*Young firm growth in high-tech sectors: The role of founders’ human capital*  
*Colombo MG and Grilli L* ................................................................. 67

*Product entry in a fast growing industry: The LAN switch market*  
*Fontana R and Nesta L* ................................................................. 87

**Part 3: Network externalities and networks of innovators**

*Network effects and the choice of mobile phone operator*  
*Birke D and Swann GMP* ................................................................. 109
Evolving networks of inventors
Cowan R, Jonard N, and Zimmerman J-B ..............................................129

Why do firms disclose knowledge and how does it matter?
Muller P and Pénin J .................................................................149

Innovation and competitiveness in local SMEs:
Characteristics of firms, entrepreneurs, environment and their interrelationships
Giacchero A, Donnini N, and Martin F ...........................................173

Part 4: Innovation and industrial transformation in various sectors

New combinations in old industries: The introduction of radical innovations in tire manufacturing
Brusoni S and Sgalari G ..............................................................189

Ferriani S, Cattani G, and Baden-Fuller C ......................................209

The selection environment for gas to liquids technology and technological strategies: Challenging the natural trajectory
Bomtempo JV, Fagundes de Almeida EL, and Bicalho RG ......................239

Innovation and employment in Europe: A sectoral perspective
Antonucci T .................................................................255

Part 5: Knowledge diffusion, spillovers and firm strategies

A laboratory experiment of knowledge diffusion dynamics
Morone A, Morone P, and Taylor R ..............................................283

To innovate or to transfer? A study on spillovers and foreign firms in Turkey
Lenger A and Taymaz E ............................................................303

Dynamic gap bridging and realized gap set development:
The strategic role of the firm in the coevolution of capability space and opportunity space
Dagnino GB and Mariani MM ....................................................321
Part 6: Patents – patenting strategies and impacts of patents

Innovation strategy and the patenting behavior of firms
Peeters C and van Pottelsbergh de la Potterie B ......................... 345

Effects of patenting behavior on corporate growth:
A panel data analysis of German start-up firms
Niefert M .............................................................373

Part 7: Public Policy – competition policy and the patent system

What’s the aim for competition policy:
Optimizing market structure or encouraging innovative behaviors?
Gaffard J-L and Quéré M ................................................393

Social and technological efficiency of patent systems
Vallée T and Yıldızoglu M .................................................407
Innovation, Industrial Dynamics and Structural Transformation
Schumpeterian Legacies
Cantner, U.; Malerba, F. (Eds.)
2007, VIII, 424 p., Hardcover
ISBN: 978-3-540-49464-5