

Contents

<i>List of Tables and Figures</i>	vii
<i>Acknowledgements</i>	ix
<i>Notes on the Contributors</i>	xi
1 Introduction <i>Ross Thomson</i>	1
Part I Approaches and Institutions	
2 Technical Change as Cultural Evolution <i>Richard R. Nelson</i>	9
3 Learning and Technological Change: The Perspective from Business History <i>Alfred D. Chandler Jr</i>	24
4 Nineteenth-Century American Patent Management as an Invisible College of Technology <i>Carolyn C. Cooper</i>	40
Part II Diffusion, Learning and Ongoing Technological Change	
5 Thinking about Technological Change: Linear and Evolutionary Models <i>John K. Smith</i>	65
6 Economic Forms of Technological Change <i>Ross Thomson</i>	80
7 A Model of the Productivity Gap: Convergence or Divergence? <i>Donald J. Harris</i>	100
Part III Competition and Learning	
8 Innovative Learning and Institutions in the Process of Development: on the Microfoundation of Growth Regimes <i>Francesca Chiaromonte, Giovanni Dosi and Luigi Orsenigo</i>	117

9	The Dynamics of Innovation and Diffusion with Competing Techniques <i>Willi Semmler</i>	150
10	Learning and the Dynamics of International Competitive Advantage <i>William Lazonick</i>	172
Part IV Technological Development and Economic Transformation		
11	History and its Lessons <i>William N. Parker</i>	201
12	Transformational Growth and Learning: Developing Craft Technology into Scientific Mass Production <i>Edward J. Nell</i>	217
13	Borrowing Technology or Innovating: An Exploration of Two Paths to Industrial Development <i>Alice H. Amsden and Takashi Hikino</i>	243
14	Epilogue: Institutions, Learning and Technological Change <i>Ross Thomson</i>	267
	<i>Index</i>	281