

Contents

1	Introduction: The Challenge of Innovation and Technology for Korea as a Newly Advanced Economy Revisited	1
	Jörg Mahlich and Werner Pascha	
2	Moving to the Innovation Frontier: Lessons from the OECD Review of Korean Innovation Policy	15
	Michael Keenan	
3	Korea's New Techno-Scientific Strategy: Realigning State, Market and Society to Move Beyond Technological Catch-Up	41
	Jitendra Uttam	
4	Innovation & Technology in Korea an International Perspective	65
	Ji Hong Kim	
5	Comment on JH Kim Paper	97
	Iain Paterson	
6	Korean Innovation Governance Under Lee Myung-Bak – A Critical Analysis of Governmental Actors' New Division of Labour	109
	Margot Schüller, Marcus Conlé, and David Shim	
7	Comment on Schüller, Conlé, Shim	129
	Eunsook Yang	
8	Three Potential Role Models for the Korean Innovation System: USA, Japan and Germany	139
	Markus Pudelko and Jörg Büechl	

9	National Innovation Systems: An Institutional Perspective	159
	Markus K. Hödl and Jonas F. Puck	
10	The Role of the State in Qualitative Growth – A Consideration of Regional Innovation Clusters in Gangwon Province (South Korea)	171
	Bernhard Seliger	
11	Knowledge Based Economy, Excellence, Clusters and Regional Development from a Systemic Perspective: Relevant Aspects for South Korea	193
	Silvo Korez	
12	From Learning Knowledge Outside to Creating Knowledge Within: Korea’s Mobile Phone Industry Compared with Those of Japan, Taiwan and China	197
	Keun Lee and Jia Jin	
13	Comment On: From Learning Knowledge Outside to Creating Knowledge Within: Korean Mobile Phone Industry Compared with Those of Japan, Taiwan and China, by Lee and Jin	219
	Bernhard Dachs	
14	Relational Capital, Knowledge Transfer and Performance in International Joint Ventures (IJVs) in Korea	223
	Chol Lee, Chan-Soo Park, and Ilan Vertinsky	
15	Low Carbon, Green Growth Korea	239
	Greg Scarlatoiu	
16	Long-Run Protection: Determining Key Features of Growth and Sustainability in Northeast Asia	259
	Matthew A. Shapiro	
17	Comment on M.A. Shapiro: “Long-Run Protection: Determining Key Features of Growth and Sustainability in Northeast Asia”	279
	Reinhold Hofer	
Index		285

Korean Science and Technology in an International
Perspective

Mahlich, J.; Pascha, W. (Eds.)

2012, X, 290 p., Hardcover

ISBN: 978-3-7908-2752-1

A product of Physica-Verlag Heidelberg