

Table of Contents

List of Contributors	IX
Introduction: Korea as a Newly Advanced Economy and the Role of Technology and Innovation	
Jörg Mahlich and Werner Pascha.....	1
 Part I - General Surveys	
The Korean Innovation System: From Industrial Catch-Up to Technological Leadership?	
Martin Hemmert.....	11
The Development of Technological Capability and the Transformation of Inward FDI in Korea from 1962 to 2000	
Jin-Hyo Joseph Yun.....	33
On the Time Lag between Technology Policy and FDI Policy in Korea - A Comment on Jin-Hyo Joseph Yun's Paper	
Werner Pascha.....	55
Paradigm Shift and Challenges for Korean Industry: Case Study of Samsung	
Kwan Rim.....	59

Part II - Cross-cutting Issues

Corporate Governance and Investment in R&D in South Korea	
B. Burcin Yurtoglu.....	71
The Revolution of Auditing System in Korea	
Joon-Hwa Rho.....	87
Public-Private R&D Collaboration in Korea - A Cross-Sector Survey of Incentive Structures	
Matthew Shapiro.....	93
Public-Private R&D Partnerships: Current Issues and Challenges	
Thomas Roediger-Schluga.....	115
The Technological Competencies of Korea's Firms: A Patent Analysis	
Bernhard Dachs, Jörg C. Mahlich and Georg Zahradník.....	127
Korean Technological Competencies: Institutional Framework and Patterns of Industrial Competition	
Roman Bartnik.....	147
Effects of Patents on the Total Factor Productivity of ICT Industry in Korea	
Keun-Yeob Oh and Taegi Kim.....	155
Comment on Keun Yeob Oh and Taegi Kim: Patents and Productivity Growth in Information and Communication Technology Industry of Korea	
Michael Peneder.....	171
Use of Technology Foresight in S&T Policy Making: A Korean Experience	
Dominik Schlossstein.....	175
The Added Value of Technology Foresight	
Claudia Steindl.....	195

Part III - Sectoral Issues**Nanotechnology in Korea – Actors and Innovative Potential**

Iris Wieczorek.....205

Korea's Telecommunications Industry

Rüdiger Frank.....233

Keeping Pace with Globalisation: Innovation Capability in**Korea's Telecommunications Equipment Industry**

Sunil Mani.....255

Success of CDMA Telecommunications Technology in Korea:**The Role of the Mobile Triangle**

In-Soo Han.....287