Table of Contents

| Introduction | | 1 |
|---------------|---|----|
| A. E | conomic Globalization | 5 |
| 1. G | lobalization of the Economy and Increasing International Competition | 7 |
| | 1 Rising International Trade | 9 |
| | 2 The Increasing Role of Foreign Direct Investment | 12 |
| | 3 Global Telecoms Networks and New Communication Technologies | 15 |
| | 4 Russia and China as New Players | 19 |
| | 5 Increasing High Technology Competition and Rising Role of Trade and FDI | 21 |
| | 1.5.1 Multinational Companies: Regional Concentration and Issues | |
| | of Innovation | 25 |
| | 1.5.2 Environmental Problems, Innovation and Optimal Global | |
| | Growth | 29 |
| 1. | 6 MNCs' Role for Environmental Policy and Social Policies | 31 |
| | 7 Theory of Globalization: Trade and Growth Theory in a | |
| | Technological Perspective with FDI | 34 |
| 1. | 8 Trade, Factor Prices and Adjustment | 39 |
| 1. | 9 MNCs' Impact upon National Economies and the EU | 42 |
| | 10 Foreign Direct Investment in the Triad and Eastern Europe | 44 |
| 2. G | lobalization and Rising Importance of Diffusion | 47 |
| 3. G l | lobalization, Telecommunications and Diffusion | 48 |
| B. U | nemployment and Innovation in Europe | 51 |
| | | |
| | U Labor Markets Facing Globalization and Intensified Technology ompetition | 53 |
| | • | 33 |
| 1. | 1 New Competitors from NICs and Transforming Economies in | 63 |
| 1 | Eastern Europe 2 Integration, R&D Dynamics and Technological Specialization | 68 |
| | 3 Theoretical Aspects of Integration, Innovation and Innovation | 08 |
| 1. | Policy in Open Economies | 73 |
| 1. | 4 National R&D Financing and the Leakage Problem in the Presence | |
| | of MNCs | 76 |
| | ne Global Economy: R&D, Structural Change and Employment Shifts | 78 |
| | 1 Foreign Direct Investment and Labor Market Problems | 78 |
| 2. | 2 Telecoms Liberalization and Employment Growth in the | |
| | Information Society | 80 |
| | 2.2.1 Specifics of High-Technology Industry and the Information | |
| | Sector | 82 |
| | 2.2.2 Displacement Effects of Telecoms Liberalization and New | |
| | Employment Opportunities | 83 |
| 2. | 3 R&D, Employment and SME's from a Theoretical Perspective | 87 |
| | 2.3.1 R&D, New Growth Theory and Employment | 88 |

VI Table of Contents

| 2.3.2 R&D, Competitiveness and Employment | 92 98 |
|--|----------|
| 2.4 SME's and Growth2.5 Young Companies and Innovation in a Market Economy | 105 |
| 2.6 Relations Between Large and Small Companies | 113 |
| 2.7 Adjustment in Euro-land, Trade Balance Surplus and the | 113 |
| Nontradables Sector | 119 |
| 2.8 Capital Structures of SMEs - a German View | 138 |
| 2.9 High Wage Countries, Full Employment and Effective | 130 |
| Competitiveness | 152 |
| Appendix | 158 |
| Appendix | 136 |
| C. Labor Costs, Unemployment and Innovation | 163 |
| 1. Labour Cost Pressure and Unemployment | 165 |
| 2. Factors Underlying High Labor Costs | 169 |
| 3. Analytical Types of Wage and Labor Cost Pressure | 171 |
| 4. Wage Pressure, Productivity Growth and Innovation | 179 |
| 5. Bargaining Regimes and Incentives | 184 |
| 6. Firm Size, Productivity and Labor Costs | 186 |
| 7. Wage Pressure, Innovation, FDI and Unemployment | 187 |
| 7.1 Innovation and FDI | 188 |
| 7.2 A Simple Innovation-Unemployment Model and Welfare | 191 |
| 8. Conclusions and Policy Implications for Europe | 196 |
| Appendix | 202 |
| D. Issues of Innovation Policy | |
| 1. R&D Policy and Reforms | 207 |
| 1.1 Coordination Between National and EU R&D Policy | 210 |
| 1.2 R&D and Reforms in European Capital Markets | 215 |
| 1.3 Optimizing Regional EU Policies | 216 |
| 1.4 Complementary Reform Options for Competitiveness and Full | |
| Employment | 220 |
| 2. Innovation and Innovation Policy | 220 |
| 3. Adjusting Guidelines, Promoting Cooperation and Increasing | |
| Transparency | 224 |
| 4. Environmental Problems and Growth: Some Policy Conclusions | 225 |
| 5. Exploiting Communication Opportunities | 226 |
| 6. New Role for the EU in Education Policies | 227 |
| 7. Mobilizing Entrepreneurship in Universities | 228 |
| 8. Perspectives: Globalization and Political Innovation in a Democracy 9. Globalization, the Information Society and Economic Catching-up in the | 229 |
| World Economy | 233 |
| Appendix | 240 |
| List of Tables and Figures | 041 |
| References | 241 |
| | |