

Contents

1	Introduction.....	1
1.1	Description of the Problem	1
1.2	Goals and Structure of the Work.....	6
2	The Challenges of Transition. Analysis for Selected CIS and More Advanced CEECs	9
2.1	Macroeconomic Performance of Countries During the Period of Transition.....	10
2.2	Output Decline	14
2.2.1	Factors of Output Decline Inherited from the Centrally Planned System.....	15
2.2.2	Transition Relevant Factors of Output Decline.....	17
2.2.3	Output Decline and Determinants of Future Growth	21
2.3	Progress in Transition	22
2.3.1	Shock Therapy versus Gradualism.....	23
2.3.2	Progress in Reforms	24
2.4	Tentative Conclusions.....	30
2.5	Appendix.....	32
3	Economic Growth in Selected CIS and More Advanced CEECs: Aspects of Future Growth Strategy	35
3.1	Extensive Growth in the Former USSR	36
3.2	Science and Innovation in the Former USSR.....	45
3.3	Neoclassical versus New Growth Theory	58
3.4	Empirical Evidence on Growth Theory	64
3.5	Reflections on Modern Growth Theory Applied to CIS and CEECs	66
3.6	Catching Up	69
3.6.1	The Theory of Technological Gap	69
3.6.2	New Growth Theory and Technological Catching Up.....	78
3.7	The Role of Human Capital for Economic Growth	82
3.8	The Problem of the Dutch Disease.....	87

3.9	The Importance of Foreign Trade and Foreign Direct Investment for Technological Catching Up.....	92
3.10	Tentative Conclusions.....	94
3.11	Appendix.....	95
3.11.1	Appendix A: Neoclassical Growth Theory	95
3.11.2	Appendix B: Immiserizing Growth.....	106
4	Openness of Foreign Trade and Economic Developments in CIS and More Advanced CEECs.....	109
4.1	Openness of Foreign Trade - An Impulse of Growth and Structural Adjustment.....	110
4.1.1	Theoretical Approach to Openness and Economic Growth	110
4.1.2	Empirical Evidence on Openness and Economic Growth.....	119
4.1.3	Economies of Scale and Intra-Industry Trade in Structural Adjustment	122
4.2	Progress in the Liberalization of Foreign Trade in Selected CIS and CEECs.....	124
4.2.1	Foreign Trade Dynamics in Selected CIS and CEECs.....	125
4.2.2	Geographical Distribution of Exports of Selected CIS and CEECs	131
4.2.3	Patterns of Trade Specialization with the EU	136
4.3	The Gravity Model of Foreign Trade for Selected CIS and CEECs.....	146
4.3.1	The Gravity Model Approach to Foreign Trade	147
4.3.2	Specification of the Gravity Model for Selected CIS and CEECs.....	155
4.3.3	Gravity Model Results for Selected CIS and CEECs.....	160
4.4	Tentative Conclusions.....	182
4.5	Appendix.....	185
5	The Role of FDI in the Transition Process of Selected CIS and CEECs	188
5.1	FDI and Growth Perspectives of Transition Economies	189
5.1.1	The Role of FDI in the Catching up Process of Transition Economies	189
5.1.2	FDI and the OLI-Behaviour of MNCs	191
5.1.3	Theoretical Considerations of the Impact of FDI on Economic Growth in Transition Economies	192
5.1.4	The Impact of FDI on the Balance of Payments	199
5.1.5	The Relationship between FDI and Trade: Growth Spiral	200
5.2	FDI in Selected CIS and CEECs	206

5.2.1	The Impact of the Russian Financial Crisis on FDI in Investigated Economies	206
5.2.2	Comparison of Country's FDI	207
5.2.3	Privatization and FDI	214
5.2.4	Sectoral Aspects.....	215
5.3	Empirical Investigation of the FDI Potential	219
5.3.1	Specification of the Gravity Model for FDI.....	219
5.3.2	Gravity Model Results	223
5.3.3	FDI and Capital Formation	226
5.4	Tentative Conclusions.....	231
5.5	Appendix.....	233
6	Lessons and Policy Options for CIS and CEECs	237
6.1	Transition - Lessons and Policy Options.....	237
6.2	Economic Growth - Lessons and Policy Options.....	240
6.3	Openness - Lessons and Policy Options	247
6.4	FDI - Lessons and Policy Options	252
List of Abbreviations	259	
List of Tables	265	
List of Figures.....	267	
References.....	269	