## **Contents**

List of abbreviations	
Introduction	
Chapter 1 Had Alfron position than about shall and instead through	
Theoretical and methodological bases of KLEMS productivity accounting	
1.1. Theory behind KLEMS productivity accounting	
1.1.1. The idea of economic growth decomposition	
1.1.2. Issues related to economic growth decomposition	
1.2. Methodology of KLEMS productivity accounting	
1.2.1. Gross output and gross value-added decomposition accounts	
1.2.2. Gross output and intermediate consumption aggregation	
1.2.3. Labour factor aggregation	
1.2.4. Capital factor aggregation	
1.2.5. Issues related to the labour factor	
1.2.6. Issues related to the capital factor	
1.2.7. KLEMS productivity accounting system	
Chapter 2	
Implementation and development of KLEMS productivity accounting fo	r the
Polish economy	
2.1. Implementation of GVA relative growth decomposition	
2.1.1. Calculations related to the labour factor	
2.1.2. Calculations related to the capital factor	
2.1.3. Other issues related to the implementation of basic accounts	
2.1.4. Comparison of Statistics Poland's accounts with the 2007 EU KLEMS relea	ise
2.1.5. Sectoral specificity of KLEMS productivity accounting	
2.2. Developed decomposition of labour factor contribution	
2.3. Issue of gross output relative growth decomposition	
Chapter 3	
Regional productivity accounting perspective	
3.1. Methodology of acquiring missing data	
3.1.1. Historical and current prices	
3.1.2 Current and constant prices	

## Contents

3.1.3. Capital assets before and after depreciation	10
3.1.4. Stocks and flows	10
3.1.5. Algorithm apparatus used to assess missing data	10
3.2. Performing Solow-type decomposition at regional level	11
3.2.1. Macro- and mesoeconomic accounts	12
3.2.2. Production factor remuneration accounts per capita	12
3.2.3. Per capita accounts with TFP extraction	1.
3.2.4. Two ways of performing the calculations	1.
3.2.5. Analytical benefits of performing decomposition in four variants	1
Chapter 4	
Regional KLEMS productivity accounting	1
4.1. KLEMS-type decomposition as a development of Solow-type decomposition	1
4.2. Calculations related to labour services	1
4.3. Calculations related to capital services	1
4.4. Methods of assessing missing data	1
4.5. Analytical benefits of performing regional KLEMS-type decomposition	1
Conclusions	1
Deferences	1