

CONTENT

Introduction.....	5
1 State-of-the-art in Evaluation of Regional Intellectual Capital	6
1.1 Theoretical Background on Intellectual Capital.....	6
1.2 Approaches to Evaluation of Regional Intellectual Capital	6
1.3 Overview of Indicators used for Regional Intellectual Capital.....	8
1.4 Influence of Intellectual Capital on Regional Economic Growth	9
2 Dissertation Objectives	10
3 Methods.....	11
3.1 Kohonen's Self-organizing Maps and GeoSOM	11
3.2 Data Envelopment Analysis	12
3.3 Spatial Autocorrelation	12
4 Design of Indicators for Regional Intellectual Capital	12
5 Data Collection and Processing	14
5.1 Visualization of Regional Intellectual Capital	15
5.2 Clustering of SOM and GeoSOM.....	17
5.3 Characteristics of Clusters.....	19
6 Efficiency Analysis of Regional Intellectual Capital.....	20
6.1 Efficiency Calculation of Regional Intellectual Capital	20
6.2 Spatial Autocorrelation of Intellectual Capital Efficiency	22
7 Original Results of Dissertation Theses and Contribution for Social Practice.....	24
7.1 Original Scientific Results	24
7.2 Contribution for Social Practice.....	25
Conclusion	26
References.....	28
List of Author's Publications	32