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QUANTITATIVE METHODS IN THE ANALYSIS OF REGIONAL ECONOMIC GROWTH AND STAGNATION

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Regional Economic Growth and Stagnation being an important part of the growth pole strategy, often described by development poles or growth centers, is probably the most discussed among all the other regional development strategies. The base of the concept of growth center is the idea that economic and social development is initiated and spatially transmitted to the surrounding area while these phenomena are time-related i.e. the rate of economic or social change is different in each test period. The aim of the paper is to propose quantitative methods leading to identification and distinguishing of growth and stagnation areas. The techniques will be illustrated by empirical examples based on data representing development variables of socio-economic situation in Poland in the 2000-2010 years.

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