

MULTIDIMENSIONAL ADAPTIVE-ANDIMITATION SIMULATION IN THE PROGNOSIS SYSTEM OF SOCIO-ECONOMIC DEVELOPMENT OF THE REGION

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At present prognosis elaboration has become a facility for determining basic priorities and directions of the state socio-economic policy on the federal and regional levels and in a way it has become an indication of the realization process of the federal and regional target programs. The results of methods comparison allow to draw a conclusion that in prognosis counting of the regional level one should give preference to the models where an adaptive matrix multiplier is used as the basic modeling. In particular the prognosis models with the help of matrix multiplier with the partitioned variables allow to realize step-by-step scheme of regional prognosis counting, and the multidimensional adaptive-and-imitation simulation has all the perspectives while developing multiversion prognosis of interconnected characteristics of the region development.