ABSTRACT

The topic of our thesis "Forecasting the level of life satisfaction in Ukraine ".

Work thesis: 120 p., 8 fig., 10 tabl., 5 appendixes and 35 sources.

The object of this work is developing and testing models of evaluating and predicting of sustainable development considering characteristics of the object of research.

The paper devoted to the problem of sustainable development of regions. The review of existing approaches and methods of forming the system performance and the index of sustainable development were presented. The choice of the Lagrange interpolating polynomial for finding intermediate values of the indices was substantiated. Reveals the stages of the establishment of functional dependence between indicators of sustainable development. The appropriateness of model to solve the problem was substantiated. The system of measuring economic development and normalized weight of each indicator were constructed for Ukraine.

The result of this work was the concept of model estimation and predicting of sustainable development of regions and created a software system using the theory of predicting.

SUSTAINABLE DEVELOPMENT, QUALITY OF LIFE, EVALUATION, FORECASTING, INDEX, INDICATOR, MODEL.