

ABSTRACT

Thesis: 72 p., 20 fig., 13 tab., 3 annexes, 16 sources.

It analyzes cognitive maps that are based on input-output states. Provided theoretical information about cognitive modeling techniques and research methods of cognitive maps for resistance using a power method. The analysis of the method to build cognitive maps. There were necessary experiments and compared their results.

The object of study: cognitive modeling.

Subject of research: Interdisciplinary balance.

Purpose: Evaluation of the macroeconomic dynamics of the country on the basis of input-output and cognitive modeling.

Methods and apparatus: a power method, constructing cognitive maps laptop that runs on Windows 7.

Results and novelty: 42 investigated cognitive maps based on input-output Russia and Ukraine. Comparing results with real data.

Uses: State regulation of the economy of any country.

COGNITIVE MODELING, COGNITIVE MAPS, INPUT-OUTPUT
BALANCE, ADJACENCY MATRIX, COMPARATIVE ANALYSIS,
STABILITY, MACROECONOMIC DYNAMICS.