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**Investigation of mathematical models of economy with tools of the system ECOMOD.**

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The specified ECOMOD system ( computer system supporting mathematical ECONomical MODels) was created and tested by the authors. The system supports and connects all stages of the process of development and research of mathematical models: construction of a model in a view of the saved experience; check of the model on completeness and self-coordination; equipment of the model with the data etc. Here tools of the control and analysis of a model realized to the present time are described. Some results of the automatic analysis of some rather complex and realistic models of market economy are given.

Reviewer: [Sergei Georgievich Zhuravlev \(Moskva\)](#)

**MSC:**

[91B62](#) Economic growth models

[91-08](#) Computational methods for problems pertaining to game theory, economics, and finance

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