

ABSTRACT

Thesis: 89 p., 7 tables, 27 pic., 2 adds and 19 sources.

DECISION SUPPORT SYSTEMS, NEURAL NETWORKS, CREDIT SCORING.

The object of the research is the decision-support system for assessing creditworthiness.

Subject of research - neural networks, decision-support system.

The purpose of the study is to create a system of decision support to minimize the processing time of consumer loan applications and reduce the payment of a loan.

A review of some of the well-known decision support systems has been conducted.

An informational analytical system for modeling and predicting the subject's creditworthiness using a neural network is created.

The system is implemented using the Java programming language, examples of applications for forecasting based on real indicators are given. The ways of possible further improvement of the system are considered.