

ABSTRACT

Thesis: - 96p., 8 tab., 17 fig., 1 app., 44 sources.

PROTECTION OF INFORMATION, ADAPTIVE MEANS OF PROTECTION, NEURAL NETWORKS

Object of research - adaptive means of information protection on the basis of the device of neural networks.

Subject of research - neural networks, types of threats.

The purpose of the study is to create a system capable of analyzing the state of the system and to make decisions about the presence or absence of a possible threat or attack.

An informational analytical system was developed to detect the threat using a neural network.

The system is implemented using the Java programming language, examples of applications for threat detection based on real indicators are given.

The ways of possible further improvement of the system are considered.