ANNOTATION

Thesis: 72 p., 22 fig., 2 applications, 15 slides, 4 sources of literature.

Object is a construction area of artificial intelligence.

The aim is to develop a system that will understand custom inquiries and will be able to give them meaningful answers.

In the thesis work analyzes the current methods of understanding the intellectual system vydeleni aspects of working with semantic neural network. The developed software that using semantic network ConceptNet harvested and analysis templates generates response to user requests in two languages - Russian and English. The system also supports parsing of arithmetic expressions.

ARTIFICIAL INTELLIGENCE, CHAT BOT, SEMANTIC NEURAL NETWORK, INTELLIGENT INTERPRETIVE SYSTEM, THE PROBLEM OF UNDERSTANDING, CONCEPTNET.