

ABSTRACT

Thesis: 91 p., 10 tabl., 21 fig., 2 appends, 35 sources.

NATURAL LANGUAGE PROCESSING, ANALYSIS OF TONALITY,
DOMESTIC METHODS OF DETERMINING POLARISM, AUTOMATIC
SELECTION OF ASPECTS

Object of the study: natural language processing.

Subject matter of the study: communication in social networks in the natural language..

Purpose of the thesis: the development of a program for analyzing the tone of texts from social networks.

Technologies: R programming language.

Results: in this work, the best decisions were made to determine the tone of texts from social networks. In the course of the final qualification work, approaches and methods of categorization of the tone of texts were analyzed. As a result of the study, a software product was developed for the automatic determination of the emotional color of texts, which showed good efficiency.

The direction of the future research: improvement of algorithm of automatic determination of emotional color of texts.