

ABSTRACT

Diploma work: 96 p., 9 fig., 18 tabl., 2 appendix, 9 sources.

The object of study – formatted Ukrainian-language texts .

Subject of research –keyword extraction methods: stemming, choice of candidate properties, choice of candidate extraction method, candidate ranking method.

Purpose - analyze the subject of research, propose an effective method to extract the keywords from texts written in Ukrainian.

The method of research - review and analysis of proposed keyword extraction methods.

Actuality - creating effective method of extracting words from Ukrainian-language texts is a way to improve the processing of the Ukrainian language systems: organization documents collection, improving search engines, question-answering systems.

The analysis of the results, the comparative analysis of these methods of keyword extraction.

The further development of the research subject - a system that can vary the features for keywords are chosen, depending on the format of the text, creating an effective algorithm for stemming Ukrainian language.

KEYWORD, KEYWORD PHRASE, TEXT, STEMMING, NEURAL NETWORK, NATURAL LANGUAGE PROCESSING.