
Semantic Differentiation of Uzbek Homonyms Using the Lesk Algorithm



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Abstract

The development of a semantic analyzer of natural language is considered one of the factors that develop the language. Homonymy is one of the main elements of semantic analysis. Different methods can be used for semantic analysis of homonyms. Homonyms can also be determined using Lesk's algorithm. Lesk's algorithm is based on WordNet of natural language. The weight of the compounds of the homonymous word in the sentence entered through WordNet is determined. The meaning of the word homonym was determined according to the compounds with high weight.

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