

PHILOLOGY

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Tools of computational linguistics to facilitate the translation activities of non-language students

It is revealed the features of computational linguistics tools that can assist students of non-linguistic faculties in translating professionally oriented text. It is discussed common tools: semantic networks, deep neural networks, in terms of their use in finding the necessary information and for teaching translation. It is shown that electronic dictionaries are the most popular among the tools of computational linguistics, especially for the translation of highly specialized texts. The scientific novelty lies in the interdisciplinary consideration of the use of machine translation in teaching with the involvement of the works of modern Western and domestic scientists and linguists. As a result, the main translation platforms that can be used in teaching students of non-linguistic faculties are identified and characterized. It is emphasized that for high-quality translation it is necessary to use various tools, as well as critically evaluate the results obtained.

Key words: computer linguistics, computational linguistics, computer networks, semantic networks, neural networks, machine translation, electronic dictionaries.

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