Original article

# A model of an intelligent system based on fuzzy logic in the tasks of evaluating the activities of a higher educational institution

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*Abstract.* This article analyzes sources on the use of intelligent information systems for self-examination of a higher educational institution, methods for evaluating the activities of a university, highlighting the necessary groups and subgroups of criteria for evaluation. A formalized model of the studied subject area has been obtained within the framework of fuzzy logic methods.

*Keywords:* intelligent system, fuzzy logic, activity evaluation, decision-making, fuzzy modeling, fuzzy information

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