





Development of New Information Systems with the Involvement of Artificial Intelligence for the Men and Women's Work: A Methodical Approach to Assessment and Selection of the Optimal



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ABSTRACT

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The main purpose is to create a new effective methodical approach for assessing the selection of the optimal information system with the involvement of artificial intelligence to enhance the efficiency of men and women's work in organizations. The object of study is information systems used in the work of organizational activities in various companies. The research methodology involves the use of the BOCR method, which allows evaluating different alternatives in the development of information systems based on various comparison criteria. As a result of the conducted research, key criteria and two forms of information systems for comparison were presented. The evaluation results showed that according to the BOCR criteria, the most optimal information system is the one that uses artificial intelligence solely for analytical processing without data collection and analysis. The innovativeness of the research results is revealed in the proposed approach to evaluation and comparison. The study has limitations in the form of not considering the specificity of