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**FORMATION OF THE EDITION DESIGN PROCESS QUALITY
ON THE BASIS OF MATRICES OF KNOWLEDGE AND FUZZY
LOGIC EQUATIONS**

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***Research Methodology.*** *The methodological basis of the study is the formation of a fuzzy knowledge base and a system of fuzzy logic equations that determine the procedures for obtaining the weight values of the functions of the membership of linguistic variables to calculate the predicted value of the integral indicator of the quality of the implementation of the design process of book editions.*

***Results.*** *As a result of the study, expert knowledge bases have been formed on the basis of logical statements for all levels of the logic output model. The matrix of knowledge and the system of fuzzy logic equations, which determine the procedures for obtaining the weight values of the membership functions of the second-level component of the logi­cal output model hierarchy, has been projected.*

***Novelty.*** *A fuzzy knowledge base and systems of fuzzy logic equations have been formed that define the procedures for obtaining weight values of the functions of the membership of linguistic variables.*

***Practical Significance.*** *The expert knowledge bases on the basis of logical statements for all levels of the model of logical deduction have been designed – the basis for determining the integral indicator of the level of quality of the implementation stage of the design of book editions.*