

**THE GENETIC ALGORITHM OF THE DECISION  
OF MULTICRITERIAL ASSIGNMENT PROBLEMS  
UNDER CONDITIONS OF THE FUZZY COEFFICIENT  
OF THE TARGET FUNCTION**

*B. A. Semenov, I. L. Kashirina*

The genetic algorithm of the decision of multicriterial assignment problems under conditions of the fuzzy information is the main issue of the article. In daily management there is a frequent necessity of arranging the plan of work including optimum arrangement of executors. In reality functioning of the organization is characterized by presence of uncertainty that imposes restrictions on application of classical methods of decision of an assignment problem. Multiplicity of criterion is also a feature of real systems. The article contains the description of genetic algorithm with reference to the given solution of the problem. The results of numerical experiment are offered in the conclusion.