A SUBSYSTEM OF DELETION OF FORMULAS OF ALGORITHMS

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The purpose of the publication is to develop mathematical and software editor of formula of algorithms which will delete the algorithms of formula. For the purpose of the research it is necessary to solve the following problems:

- to perform analysis of mathematical model and software for the deletion of the formulas in the universal and specialized systems
- to perform synthesis and minimization of a software subsystem of deletion of formulas of algorithms
- to build and explore a mathematical model of an abstract algorithm of subsystem for deletion of formulas of algorithms
- to perform software implementation and testing of software developed

The object of the research is a mathematical model and a subsystem for deletion of formulas of algorithms software

The subject is the synthesis and study of minimization of subsystem of deletion of formulas of algorithms.

Newest are synthesized, research software of the subsystem of deletion of formulas of algorithms

The practical value of the research lies in the fact that it enables us to use mathematics and software to create an algorithms editor, which enhances the level of automation of the process of deletion of the formulas algorithms in comparison with the known system.

Mathematical formulas and software algorithms were developed. Mathematics and subsystem of deletion of formulas of algorithms software were synthesized, minimized and studied

The research aims at solving the problem of synthesis of relevant scientific and mathematical research and software subsystems deletion of algorithms and formulas yielded the following results:

- Analysis and mathematical software of the known universal and specialized systems proved that the destruction of their means of formulas or algorithms is not implemented or partially implemented .
- Minimization algorithm subsystem of destruction algorithms reduces the number of formulas of uniterms on average by half

Keywords – deleting, algorithms, mathematical model.