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# THE SYSTEM OF NEGATIONLESS CALCULUS OF PREDICATES WITH "MEANINGFULNESS" OPERATOR

## Abstract

*The system of negationless intuitionistic calculus of predicates  $P_rC$  in the language, supplemented by the operator  $\]$ - "meaningfulness" is offered. In such system the inferences, intended for proof of the meaningfulness of formulas and conclusion of the "meaningful" formulae, constructed just from the meaningful formulae are separated. It is shown, that the deductions satisfy to the to the requirement of the negationlessness and that the "meaningfulness" is expansion of the "nonemptiness" concept.*