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A QUANTIFIER-LESS CALCULUS OF NAMES
WITH THE RULE OF EXTENSIONALITY

Summary

Ludwik Borkowski has constructed a quantifier-less calculus of names (**BRN1**), which is regarded as a base system here. The system can be extended with the use of the deductive power of rules of introduction and omission of functors π and σ (**BRN2**), which serve here as the substitutes of quantifiers. If we adopt the extensionality rule for the functor of singular inclusion (**RE ϵ**), we obtain yet another extending of the system (**BRN3**) accompanied by simultaneous considerable reduction of the primary rules. The interpretation of the last system in elementary ontology is included.

Summarised by Eugeniusz Wojciechowski

Słowa kluczowe: bezkwantyfikatory rachunek nazw, reguła ekstensjonalności dla funktora inkluzji jednostkowej, ontologia elementarna, systemy Leśniewskiego.

Key words: quantifier-less calculus of names, extensionality rule for the functor of singular inclusion, elementary ontology, Leśniewski's systems.

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