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De l'École polonaise à la logique naturelle en passant par les types fonctionnels de Church

From the Polish School to the Natural Logic through the Functional Types of Church

Abstract: The Polish School used various types of units (linguistic and logical), these types being functional types of Church, whose instances are operators applied to operands. Several models use Simple and Extended Categorical Grammars. There is a convergence between, on the one hand, natural logic and on the other hand, linguistic analyses by operators of Grammar of Applicative, Cognitive and Enonciative operations (GRACE) and the analysis of categorization by Logic of Determining Objects (LDO). The study of this convergence in the framework of Combinatory Logic can contribute to go beyond the horizon of classical logic.

Keywords: Natural logic, functional types of Church, Categorical Grammar, Combinatory Logic, applicative system

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