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La logique naturelle en tant que méthode pour l'exploration des représentations mentales

Abstract: This paper proposes a new method for the study of mental representations, based on the communicative theory of schematizations and natural logic by Jean-Blaise Grize. We present natural logic, which can be understood as both a logical theory and a method. To start with, we explore it as a theory, unveiling how it makes emerge thinking operations through "natural languages", taking into account namely the content of discourse and not only its form (as does formal logic). Then, we explain how the natural logic could be used to identify and describe mental representations. We explore it through an example coming from an interdisciplinary research in which we apply natural logic to data of semi-structured or non-structured interviews.

Keywords: natural logic, mental representations, theory of schematizations, logical operations