**The Fuzziness of Interlanguage (IL) Truth and Presuppositions**

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In the latter part of the 19th century, Frege put forth the idea that no theory of meaning in language is complete unless it accounts for the connection between truth and the meaning of the words and larger linguistic units, and their reference to things in the world. Since the days of Aristotle, logicians and philosophers had appealed to logic to explain the truth conditions of propositions in natural language; truth in semantics is defined according to the truth in a proposition. Building on Frege and Aristotelian logic, 20th century model theoretic semanticists developed a system of explaining meaning by applying techniques from mathematical logic to the semantics of natural language Dowty, et al (1981). Kamp & Reyle (1993) further developed this in Discourse Representation Theory (DRT).

This paper Investigates meaning and its connections to referents in the real world of IL discourse by using notions from DRT and model theoretic semantics. A task-based corpus of twenty-four hours of nonnative to nonnative learners (NNS-NNS) of English IL speech was analysed using this empirical data rather than pairs from semantic modeling. Utterances with non-referring reference within the discourse and between the real world of the four tasks were disclosed. Constraining the context using the information in the IL discourse, the tasks, and the set of presuppositions within the discourse and real world of the tasks, the truth of the utterances is investigated following Frege. This reveals patterns of truth values in IL speech which can be used for the foundation of the systematic study of presupposition in the study of the development of meaning for second language learners. Specifically, types of presuppositions are isolated in the data based on their relation to the discourse and information in the tasks.

**Keywords:** interlanguage, discourse, presuppositions

**References**

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