

SKOLEM'S PARADOX AND MATHEMATICAL RELATIVITY

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Abstract: In the present paper I argue for the possibility of deriving a reasonable (though uncomfortable) sense of a relativity of set-theoretical concepts on the basis of the Löwenheim-Skolem Theorem and on the so called Skolem Paradox. This relativity is, in fact, a consequence of the non-categoricity of first order theories admitting infinite models. Moreover, I suggest that, (at least) in the special case of set theory, this relativity also opens the possibility of arguing for a pervasive vagueness of set-theoretical concepts.