

Abstract: Carnap's Internal Platonism

In his *Empiricism, Semantics, and Ontology*, Rudolf Carnap famously argued that we can do anything a mathematical Platonist wants - quantify over numbers, hold them to be mind-independent, claim that numerals refer to them - without committing ourselves to any mysterious Platonistic metaphysics. Carnap defends this *internal Platonism* by construing mathematical statements to be both *internal* to a linguistic framework and *analytic*. I will develop an argument first suggested by Beth (1963) according to which the existence of non-standard models of arithmetic undermines Carnap's method of drawing the analytic/synthetic-distinction, and will furthermore argue that this is a much bigger problem for the account than Carnap himself seems to have realised.