

ABSTRACT SUBMITTED TO THE SWEDISH CONGRESS OF PHILOSOPHY 2026

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## TITLE:

On Caesar=0

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Frege found it problematic that his logicist project did not rule out the identification of Caesar with the number zero. Since the logicist project---together with its later incarnations---must be given up on, the problem in its original formulation is no longer of interest. We nevertheless treat the question ‘Is Caesar=0?’. We show the perhaps surprising result that it is perfectly consistent with our best scientific theories that Caesar=0. More generally, we show that any ‘abstract object’ may be identified with a space-time object; furthermore, the number of abstract objects that may be simultaneously identified with space-time objects is equal to the cardinality of the set of space-time objects. Our findings are not only curiosities---for example, to some extent they may allow for a nominalistic theory of the world.