

- ▶ ANTON SETZER, *A model for the extended predicative Mahlo Universe*.
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The extended predicative Mahlo universe is a formulation of the Mahlo universe as it was already formalised in Martin-Löf Type Theory, which can be considered as predicative in a more general sense. It is formulated in the context of Feferman's system of explicit Mathematics, which allows access to the collection of all algorithms. In this talk we present a model of the extended predicative Mahlo universe, and determine an upper bound for its proof theoretic strength.