

1016-03-296

Thomas F Kent* (kent@math.byu.edu), Thomas Kent, 308 TMCB, Department of Mathematics, Brigham Young University, Provo, UT 84602. *Model Theory and Enumeration Reducibility*. Preliminary report.

We give a status report on efforts to show that the complexity of the theory of the Σ_2^0 -enumeration degrees is the same as that of true arithmetic. (Received February 14, 2006)