

The Spring Topology and Dynamics Conference 2009, March 7–9, 2009, University of Florida, Gainesville, FL, USA

MARTIN'S CONJECTURE AND STRONG ERGODICITY

SIMON THOMAS

In this talk, I will explore some of the consequences of Martin's Conjecture on degree invariant Borel maps. These include the strongest conceivable ergodicity result for the Turing equivalence relation, as well as the statement that the complexity of a universal countable Borel equivalence relation always concentrates on a null set.

RUTGERS UNIVERSITY

E-mail address: `stomas@math.rutgers.edu`