

UIC Model Theory Seminar, January 17, 2006

Vaught's Conjecture and \aleph_2 , part 2

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Greg Hjorth proved that if there is a counterexample to Vaught's Conjecture, then there is one with no model of size \aleph_2 . The proof is an interesting mix of model theory and descriptive set theory. I will describe the proof and some of the necessary background material.

This is a continuation of last week's talk.