

MODEL THEORY SEMINAR

Guest Speaker: Nicolas Chavarria Gomez
University of Notre Dame

Date: Tuesday, September 22, 2020

Time: 10:45 AM

Location: Zoom

Zoom URL: notredame.zoom.us/j/763507156



Lecture Title:

Keisler measures in continuous logic

Abstract

Keisler measures in continuous logic are, as in the classical case, just regular Borel probability measures on the space of types. We consider their properties; in particular, we see how they behave under the assumption of local stability. Moreover, we discuss a construction to obtain a measure in the pseudofinite case which is also a “relation” in the structure and which we can then use to obtain approximate results about measures in finite structures.