

Strong Minimality in Continuous Logic

Lousie Hay Logic Seminar, UIC

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Abstract

During the first part of this two part talk, in preparation for our discussion of strong minimality in continuous logic, we will review some of the basics of continuous logic. In particular, we will review definability of sets and the properties of algebraic closure.

During the second part, we will talk about why there does not appear to be a good notion of strong minimality for continuous logic. We will look at Isaac Goldbring's example of a notion of strong minimality for continuous logic for which some facts from classical logic hold. We will see though that it does not appear to give many interesting examples of strongly minimal structures.

For more information, visit www.math.uic.edu/~noquez/research.html