
ROBIN COCKETT, University of Calgary
The Basics of Integral Categories

Differential categories of both tensor and Cartesian stripes have been around for quite a while: what do the corresponding structures for integral categories look like?

The talk will describe integral categories and their relationship to differential categories. It will also describe the more general notion of an anti-derivative (due to Ehrhard), how these arise in this context, and how they produce integration. Some models of integral categories will be described. If time permits, the Cartesian version of these notions will be discussed.