

1123-55-203

Ben C Ward* (bward@math.su.se). *Six operations formalism for generalized operads.*

The first part of this talk will present an analogy between sheaves and (generalizations of) operads using the language of Feynman categories. This analogy suggests several novel constructions and relationships which we will realize in the second part of the talk. In particular we will establish intertwining theorems which explain how combinatorial operations on graphs influence respective notions of Koszul duality. (Received August 26, 2016)