



Speaker: Pavel Mnev
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Thursday, April 24, 2014
3:00 PM
129 Hayes-Healy Hall

Title: Fiber Batalin-Vilkovisky integrals and discrete BF theory

Abstract:

We will discuss the construction of pushforward (fiber integral) for solutions of Batalin-Vilkovisky quantum master equation. As an application of the construction, we will explain the exact discretization of the topological BF theory. The latter produces in turn certain combinatorial formulae for Massey operations and the torsion.