1086-55-1462
William G Dwyer* (dwyer.1@nd.edu), University of Notre Dame, Department of Mathematics, Notre Dame, IN 46556, and Kathryn Hess (kathryn.hess@epfl.ch), EPFL AA EDMA-GE, MA B2 424 (Batiment MA), Station 8, CH-1015 Lausanne, Switzerland. Configuration spaces and operad actions. Preliminary report.

The talk will describe how operad actions on configuration spaces can sometimes be used to express more complicated configuration spaces in terms of simpler ones. The key ingredient is an external tensor product construction for modules over operads. (Received September 22, 2012)