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Dimitry Roytenberg : Equivalences of dg-manifolds in higher Lie theory.

lundi 26 juin 2023 11:00 (1 heure)

According to an insight of Pavol Ševera's, integrating a dg-manifold amounts to representing its homotopy type. This leads to a natural definition of a weak equivalence of dg-manifolds. I will present a conjecture characterizing these weak equivalences in terms of data associated to the dg-manifold itself (i.e. without going to the integration), and sketch a proof in the transitive case. Time permitting, I will also discuss fibrations.