

ALGEBRA SEMINAR

Formality for the little disks operad via the configuration space integral, I

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ABSTRACT: I will sketch the proof of the formality for the operad $C_{-\bullet}(E_d, \mathbb{R})$. The main ingredients of the proof are the differential graded operad Graphs_d (which is assembled from graphs with some additional data) and the configuration space integral. In my presentation, I will follow the works of Kontsevich and Lambrechts-Volic.

MONDAY, OCTOBER 27, 2014
1:30 – 2:30 PM
ROOM 617, WACHMAN HALL
DEPARTMENT OF MATHEMATICS