Geometry Seminar

B-twisted sigma model and Landau-Ginzburg model

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Date: November 18, 2013 (Monday)

Time: 3:30 – 4:30pm

Venue: Room 210, Run Run Shaw Bldg., HKU

Abstract

Let X be a complex manifold. In this talk, I will describe a rigorous analysis of B-twisted sigma model describing maps in the formal neighborhood of constant maps with target X via renormalization method. I will also introduce the construction of Landau-Ginzburg model with a superpotential W on X, with which we can prove Vafa's residue formula rigorously.

All are welcome