ENUMERATIVE GEOMETRY SEMINAR

Speaker: Changzheng Li

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Time: Fri. Dec. 19th, 14:00 - 16:00
Venue: SCMS room 102

Unfolding of equivariant f-bundles and application to the mirror symmetry of flag varieties

Abstract: In this talk, we show an unfolding theorem for equivariant F-bundles (a variant of Frobenius manifolds), generalizing Hertling-Manin's universal unfolding of meromorphic connections. As an application, we obtain the mirror symmetry theorem for the big quantum cohomology of flag varieties, from the recent works on the small quantum cohomology mirror symmetry, via the equivariant unfolding theorem. This is based on my joint work with Thorgal Hinault, Tony Yue Yu, Chi Zhang and Shaowu Zhang