

Topological mirror symmetry via p-adic integration

Monday, June 19, 2017 2:30 PM (30 minutes)

Abstract

The topological mirror symmetry conjecture of Hausel-Thaddeus predicts an equality of Hodge numbers of certain SL_n and PGL_n -Higgs moduli spaces which are known to be mirror partners in the sense of Strominger, Yau and Zaslow. In my talk I will explain how to prove this conjecture by means of p-adic integration along the Hitchin fibration. This is joint work Michael Groechening and Paul Ziegler.

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