

Modularity from Monodromy

Thursday, 13 June 2019 11:00 (30 minutes)

We discuss the relation between certain auto-equivalences of the category of B-branes on elliptic Calabi-Yau threefolds and modular properties of the corresponding topological string partition function.

This suggests a geometric explanation and generalization of recent conjectures on the appearance of lattice Jacobi forms.

In particular, we will shed light on the special case where the fibration does not have a section but only multi-sections.

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