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D-brane masses and the motivic Hodge conjecture

Thursday, 13 July 2017 10:00 (1 hour)

We calculate the masses of the D2 and and D4 brane at the conifold of one parameter Calabi-Yau spaces, using the motivic Hodge conjecture. This gives evidence for the latter in a new context.

Presenter: KLEMM, Albrecht (Institut fuer Theoretische Physik)