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The dS Swampland Conjecture, Non-BPS branes and K-theory

Thursday, 27 June 2019 16:30 (15 minutes)

The de Sitter swampland conjecture would be falsified if classical fluxed Type IIA orientifold vacua with a single non-BPS D7-brane were indeed part of the string theory landscape. In other words, the dS swampland conjecture implies the cancellation of K-theory charges on a compact space.

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