

de Sitter constructions in String Theory



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Non-supersymmetric D-branes

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After some general comments about the search for dS vacua in string theory, I will discuss non-supersymmetric D-branes in flux compactifications. In recent years we have obtained an improved understanding of these interesting ingredients in string compactifications. In particular, anti-D-branes play a crucial role in many constructions of dS vacua in string theory and there is the hope that by studying more general non-supersymmetric brane setups we can learn something about a so far unexplored part of the landscape.

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