On non-perturbative effects and moduli stabilization from 10D

Thursday, 27 June 2019 14:45 (15 minutes)

Non-perturbative effects were long ago proposed to be useful for supersymmetric moduli stabilization in Type II string theory compactifications. Their use has been widely studied from the 4D perspective but from the 10D perspective this mechanism is not completely understood. By performing a 10D analysis I will show some features of the mechanism, confirming some old 4D results as well as providing some new properties of the compactification.

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