

Scale separation in AdS vacua and holography

Monday 9 January 2023 14:15 (25 minutes)

The existence of AdS vacua in string theory with a parametric separation between the Hubble scale and the Kaluza-Klein scale of the extra dimensions is an open question, and holography is a promising tool to tackle this. I will discuss some remarkable features of the holographic CFT duals of the DGKT vacua, which are candidate AdS vacua with parametric scale separation.

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