SRS

SwissMAP Research
Station in Les Diablerets

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Narain-averaging the tensionless string

Thursday 19 January 2023 18:00 (1 hour)

I will describe work in progress w/ B.Knighton, A.Kanargias,M. Usatyuk on finding a stringy embedding of ensemble-averaging. Specifically we consider the recent duality between Narain T^c CFTs averaged over moduli space and exotic AdS_3 $U(1)^c$ x $U(1)^c$ gravity. We generalise this by performing the average over the symmetric product orbifold of T^c where the bulk dual now must include a discrete gauge group.

By considering the case c=4 and the addition of susy we make contact to the duality of the tensionless string on AdS_3 x S^3 x T^4 and the symmetric orbifold orbifold of T^4.

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