



Contribution ID: 68

Type: **not specified**

Interpolation and cosmological constant in non-susy heterotic strings

Tuesday 4 July 2023 17:00 (15 minutes)

We study d -dimensionally compactified non-susy heterotic string models, including interpolating models with the arbitrary number of freely acting Z_2 twisted directions. Taking the limits of the compactified radii to zero and infinity, we show some examples of the various interpolation patterns in the $d=2$ (8-dimensional) case. In the region where supersymmetry is asymptotically restored, we evaluate the (10- d)-dimensional one-loop cosmological constant. We find out the points in the moduli space where the cosmological constant is exponentially suppressed.

Presenter: KOGA, Yuichi

Session Classification: Parallel