

Classification of Left-Right Symmetric Heterotic String vacua

Tuesday 25 June 2019 17:45 (15 minutes)

I will briefly describe the classification approach within the free fermionic formalism, then discuss techniques beyond the random generation classification. In particular, explorations of ‘fertile regions’ within left-right symmetric models that are pre-selected at the $SO(10)$ level for phenomenological favourability. Finally, we will discuss the application of machine learning techniques within this space of free fermionic string vacua.

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Session Classification: Parallel Session