

Discrete Flavor Symmetries from Orbifold GUTs

Tuesday, 25 June 2019 17:30 (15 minutes)

In this talk, we show that in orbifold GUT models discrete symmetries can be understood as remnants of gauge symmetries that are broken by orbifold boundary conditions. We present a systematic way to determine the discrete symmetries that survive the orbifolding. In particular, we derive universal conditions that need to be fulfilled in order to preserve any discrete symmetry. Finally, some implications for flavor model building are discussed.

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