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Families-unified GUTs from superstring

Wednesday, 13 July 2016 11:00 (20 minutes)

From compactification of E8xE8 heterotic string, I attempt to construct an extended GUT where families are unified. There appears an anti-SU(7) GUT group from which weak CP is calculated under the assumption of only one CP phase in the theory.

Summary

I will discuss the unification of families from compactification of heterotic string. There appears an anti-SU(7) GUT group from this study. Also, the weak CP phase is calculated under the assumption of only one CP phase in the theory.

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