ID de Contribution: 153 Type: Parallel session talk

Proton decay and wavefunctions in F-theory GUTs

samedi 23 juillet 2011 11:30 (15 minutes)

We study proton decay in Grand Unified Models based on F-theory. We calculate the coupling of the heavy Higgs triplet modes to the light quark generations. This coupling plays an essential part in dimension 5 proton decay and we show that it is very different from the associated Yukawa coupling.

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Classification de Session: Non-Perturbative QFT and String Theory