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Scherk-Schwartz twists in GUT models

Saturday 7 July 2018 11:45 (15 minutes)

We address the question of whether non-trivial boundary conditions (Scherk - Schwartz twists) acting on fields from the extra compactified dimensions can give a SM low energy spectrum with a "naturally" broken SUSY? We explore a variety of minimal and non-minimal models, confronting current experimental bounds, and discuss progress in formulating more contained and elegant models.

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