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Light Pseudo-Goldstone Higgs from SUSY SO(10) GUT

Tuesday, 24 August 2021 21:00 (20 minutes)

A new mechanism for the Higgs doublet being the light pseudo-Goldstone mode within SUSY SO(10) GUT will be presented.

Considered model exploits additional symmetries, which guarantee desirable symmetry breaking and natural all-order hierarchy. Some phenomenology, including a realistic fermion pattern, nucleon stability and gauge coupling unification, will be also discussed.

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