

Intermediate mass scales in the non-supersymmetric SO(10) grand unification: a reappraisal

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The current status of the non-supersymmetric SO(10) GUTs is discussed from the point of view of the high scale unification of the running gauge couplings. The new refined analysis shows that, on the contrary to the common lore, several breaking chains are still perfectly compatible with the current phenomenological constraints imposed namely by the absolute neutrino mass scale and the proton decay rate.

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