

Adulterated Dirac neutrinos in a type-I seesaw

Recently we proposed a type-I seesaw with two right-handed (RH) neutrinos per generation naturally leading to light Dirac neutrinos. These have an adulterated nature in the sense that their ordinary RH components are integrated out and replaced by the extra ones of much weaker couplings. The great disparity between their couplings is guaranteed by an underlying symmetry defined with one RH neutrino by transformations exchanging lepton and quark bare states with equal charges. Here we briefly review our findings.

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