

EFT studies of neutrinoless double beta decay with LR symmetric model

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Starting from LR symmetric model, one identifies corresponding SMEFT operators and subsequently LEFT operators, these operators are then used to construct the neutrino mediated long-range neutrinoless double beta decay process. With the S-matrix theory, we derive the decay width and recover the expressions obtained from a direct model calculation. These results are compared with the widely used Master Formula and reasonable agreements are achieved.

Collaboration (if any)

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