

# Non-Standard Mechanisms for Double Beta Decay

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Neutrinoless double beta decay is the most powerful tool to probe not only for Majorana neutrino masses but for lepton number violating physics in general. I discuss relations between lepton number violation, double beta decay and neutrino mass, and highlight different new physics models showing how different mechanisms can trigger double beta decay. Finally, I outline possibilities to discriminate and test these models and mechanisms in double beta decay and complementary experiments.

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