

Dirac or Majorana nature of neutrinos: Alternative probes to neutrinoless double beta decay searches?

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Content

Neutrino nature has deep implications in solving the SM problems and going beyond the current theory. Due to the black-box theorem, observation of neutrinoless double beta decay ($0\nu 2\beta$) would show that neutrinos are Majorana particles. However, neutrinos might be of Majorana type and $0\nu 2\beta$ remain unobservable. I will reflect on alternative probes of neutrino nature (Michel parameters, specific back-to-back configurations, etc.).

Summary

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