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Neutrino quantum decoherence at current and future reactor experiments

Tuesday, 21 July 2020 11:00 (15 minutes)

I discuss quantum decoherence effects in neutrino oscillations. After a brief introduction to neutrino quantum decoherence, we turn our attention to reactor experiments and discuss how well these experiments could measure decoherence effects. In particular, I discuss results from the analysis of data from the current experiments RENO and Daya Bay, and discuss how well JUNO can improve these results.

Summary

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