

Abstract Submitted
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NO ν A ν_e Appearance Analysis and Near Detector Spectrum

DANIEL PERSHEY, Caltech, NOVA COLLABORATION — The NO ν A experiment has developed an analysis to measure the $\nu_\mu \rightarrow \nu_e$ conversion rate using the NUMI beam at Fermilab. The experiment has recently started taking data and is finalizing initial physics analyses with Monte Carlo studies. An overview of the ν_e appearance analysis is discussed. Specifically, a method used to decompose the near detector neutrino spectrum is shown.

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