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Constraints on CP-violating Non-Standard neutrino interactions from NOvA

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The NOvA experiment studies the disappearance of muon (anti)neutrinos and the appearance of electron (anti)neutrinos to measure the parameters governing the oscillation of neutrinos at the so-called atmospheric sector. Thanks to the long distance travelled by the neutrinos through the earth, NOvA can also explore the effects of possible Non-Standard Interactions with matter. Here I present the constraints on the NSI parameters based on the analysis of recent NOvA data.

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