

Abstract Submitted  
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**Calculating Neutrino Oscillations in Matter** JEDESHKERAN  
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trino Oscillations are a very important aspect in understanding the properties of  
neutrinos. Neutrinos come in three flavors, electron-neutrino, muon-neutrino and  
tau neutrino. As these neutrinos travel long distances across vacuum or matter  
they change flavors and oscillate into other flavors. We will present the neutrino  
oscillation probabilities in matter.

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