

Re-understanding of the Neutrino Oscillations

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Abstract: showing a viewpoint with regard to the neutrino oscillations

Main viewpoints and conclusions:

A lepton (or a meson) refers to the composite particles that constituted of a set number of neutrinos and a set number of electrons; ^[1] that is the leptons (mesons) is a particles system, and

$$A \text{ lepton (a meson)} = m \cdot \nu + n \cdot e; \quad m, n \text{ are positive integers and } m \geq n.$$

Furthermore, the leptons (mesons) that have different number of neutrinos or electrons are considered to be different type of leptons (mesons), and for instance

$$\pi = 1 \cdot \nu + 1 \cdot e, \quad \mu = 134 \cdot \nu + 1 \cdot e, \quad \tau = 2257 \cdot \nu + 1 \cdot e$$

and

$$m_\nu = 0.78694 \text{ MeV}, \quad m_e = 0.511 \text{ MeV}; \\ m_\pi = 1.29794 \text{ MeV}, \quad m_\mu = 105.658369 \text{ MeV}, \quad m_\tau = 1,776.82 \text{ MeV}.$$

Neutrino oscillations is the processes and phenomenon that a lepton (a meson) evolves into another type of leptons (mesons) through obtaining or releasing of the neutrinos.

Generalized, the neutrino oscillations is the processes and phenomenon that a neutrinos clusters evolves into another neutrinos clusters which has different number of neutrinos through obtaining or releasing of the neutrinos.

The neutrino oscillation is one kind of Weak interaction processes. ^{[3][4]}

References

[1] *Redefining leptons (or called mesons) and baryons*

<http://vixra.org/abs/1503.0151>

[2] *The structure, property and parameters of nucleons*

<http://vixra.org/abs/1503.0121>

[3] *Neutrino oscillation*

https://en.wikipedia.org/wiki/Neutrino_oscillation

[4] *Weak interaction*

https://en.wikipedia.org/wiki/Weak_interaction