

Some More Comments about Neutrino Oscillation

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Abstract: *A substantial difference between the mixing of neutrino and quarks is specified. A corresponding conclusion about relative solution for the problem of neutrino oscillation is proposed. The paper provides the possible mechanism of neutrino oscillation.*

Keywords: *Neutrino oscillation, Aroma neutrino Leptons, Model of Cabibbo, Standard Mode.*

1. INTRODUCTION

In our previous paper [1] it was noticed that for investigation of the neutrino oscillation mechanism it is necessary to change experimental strategy of the infinite repetition of the Pontecorvo experiment. In the present work we try to disassociate ourselves from this approach.

2. MAIN RESULTS

First we note that there is an essential difference between the mixing of a neutrino and quarks as aspiration to establishment of a solution of the neutrino oscillation problem. Approximate universality of the theory of Cabibbo is proved on experiment. Use of the matrix Kobayashi - Maskawa [2] does not give direct predictions for mechanism neutrino oscillations definition. Change of a neutrino of one aroma in neutrino of other aroma cannot occur at quantum level. Then we would not observe this phenomenon on small distances in our experiments. The neutrino is poorly co-operating fermion most likely this phenomenon of classical mechanism. Instability of a quantum gyroscope with small weight with own moment $1/2$. We here understand a so-called space dust as weight. If it so it is necessary to study behavior of streams of neutrino on different distances from detectors and change of directors and change of directions and at the same time to check up instructions of Quantum mechanics. Whether senselessly to imagine own moment of an elementary particle, at result of its rotation about the axis. Uncertainty of energy - impulse measurements in processes of neutrino oscillation demands serious researches. The calm on a present naive condition of understanding of a problem would be erroneous. We do not suppose mixing heavy and easy neutrinos.

REFERENCES

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Dr. Vladimir Efrosinin, since 1972 a Senior Scientist at the Institute for Nuclear Research Russian Academy of Sciences, priority scientific interest is the Elementary-Particle Physics. At the present time he deals with a problem of neutrino including evaluation of the role of neutrinos in the modern Universe.