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**Vector Currents of Massive Neutrinos of an Electroweak Nature** RASULKHOZHA SHARAFIDDINOV, Institute of Nuclear Physics, Uzbekistan Academy of Sciences, Tashkent, 702132 Ulugbek, Uzbekistan — The mass of an electroweakly interacting neutrino consists of the electric and weak parts responsible for the existence in it of charge, charge radius and magnetic moment. Such connections explain the formation of paraneutrinos, for example, at the polarized neutrino electroweak scattering by spinless nuclei. We derive the structural equations which relate the mass and its self components to charge, charge radius and magnetic moment of each neutrino as a consequence of unification of fermions of a definite flavor. Findings open the possibility for establishing the laboratory limits of weak masses of all Dirac types of neutrinos. Thereby, they show that the earlier measured properties of these particles may serve as a certain confirmation of the availability of mass structure of their interaction with field of emission.

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