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On The Structure of Leptonic Families and Currents of the Vector Nature RASULKHOZHA S. SHARAFIDDINOV, Institute of Nuclear Physics, Uzbekistan Academy of Sciences — Any of leptonic neutrino similarly to a kind of lepton has a Dirac mass responsible as well as for its Coulomb's behavior. Such a neutrino can possess both electric charge and vector dipole moment. Their form factor appears, for example, at the polarized neutrinos scattering in the field of a spinless nucleus. We derive an equation which relates the masses to a ratio of Dirac and Pauli form factors of each lepton and its neutrino. A new theory of fermions unification is suggested. In this theory, the leptons and their neutrinos are united in families not only of the left - handed $SU(2)_L$ - doublets but also of the right - handed $SU(2)_R$ - singlets. Thereby it predicts the existence in nature of the right - left dileptons and paradileptons. A formation of any of them is responsible for the legality of conservation of charge, lepton flavors and full lepton number. Therefore, each of earlier measured processes originated at the conservation both of summed electric charge and of any lepton number may serve as the first confirmation of a given theory, in which the mass, charge and vector moment of the neutrino proportionally respectively to the mass, charge and vector moment of lepton of the same family.

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