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On a Latent Structure of Lepton Universality RASULKHOZHA SHARAFIDDINOV, Institute of Nuclear Physics, Uzbekistan Academy of Sciences, Tashkent, 702132 Ulugbek, Uzbekistan — The mass of an electroweakly charged lepton consists of the two components of the electric and weak nature and regardless of the difference in masses, all leptons have an equal charge with his radius as well as an identical magnetic moment. Between these currents there appear the most diverse connections, for example, at their interactions with an electroweak field of spinless nuclei. We derive the united equations which relate the mass and its structural parts to charge, charge radius and magnetic moment of each lepton as a consequence of the ideas of flavor symmetry laws. Thereby, they require the verification of lepton universality from the point of view of a constancy of the size implied from the multiplication of a weak mass of lepton by its all the rest mass. Such a principle gives the possibility to define the lepton weak masses. If this picture is not changed, leptons universally interact not only with photon or weak neutral boson but also with any of gauge fields.

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