

Redefinition of Leptons (or called Mesons) and Baryons

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Abstract: giving the new definitions for the lepton (or called mesons) and the baryon.

Main Viewpoints and Conclusions:

In nature, only protons, electrons and neutrinos are the elementary particles.

A lepton (or called mesons) refers to the composite particle that constituted of a number of electrons and a plurality of neutrinos.

A π -meson is compounded of an electron and a neutrino; it is the smallest and most important ones in mesons (leptons).

A baryon refers to the composite particle that constituted by a proton and a lepton (a meson).

A neutron is compounded of a proton and a π -meson; it is the smallest and lightest ones in baryons.

Each baryon will eventually decay to be a proton.

References

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