

# **Redefinition the Lepton (or called Meson) and the Baryon**

Yibing Qiu

yibing.qiu@hotmail.com

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

## **Main Viewpoints and Conclusions:**

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

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

The  $\pi$ -meson is the lightest (smallest) and most important of mesons (leptons).

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

The neutron is the smallest and lightest ones in baryons.

Each baryon will eventually decay to be a proton.

## **References**

[1] Lepton

<http://en.wikipedia.org/wiki/Lepton>

[2] Baryon

<http://en.wikipedia.org/wiki/Baryon>