

The primeval, infinite soup was a universe of radiation with high energy density. The soup contained photons and quarks. Particles are eddies in the primeval soup. The quarks formed light neutrons and antineutrons, and the characteristics of these particles explains the separation of matter and antimatter. The particles are influenced by the soup they get into touch with, and this contact explains nuclear forces, electric forces and gravity. Gravity creates proto-galaxies and in them the soup change into plasma. Annihilation of matter and anti-matter creates heat in the plasma and the proto-galaxies become fireballs. This explains the expansion of the universe without Big Bang and the mysterious Dark Energy. Between the particles is found a remain of the primeval soup. The velocity of light in the soup is constant c . Consequently the special theory of relativity is rejected. Kinetic energy of a particle is due to some soup that follows the particle. The formation of spiral galaxies can be explained by magnetic forces. Dark matter is anti-matter between the galaxies. Galaxies are found in a limited part of the universe and outside is the primeval soup. The outer soup has been irradiated by high energy neutrinos from the plasma. The microwave background radiation comes from the outer soup and gives a picture of the proto-galaxies. Further observations and calculations will give more information of the qualities of the soup and how the soup forms the universe and the present world.

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