

One possible Structure of Cosmic Noumenon

Yibing Qiu

Abstract: Giving a possible structure of cosmic noumenon.

Main Viewpoints and Conclusions:

The universe which that we considered being a vacuum, probably has its own noumenon structure and ingredient, that it is a single and while body at the Bose-Einstein condensate of one or several particles (substances); any parts of it all with the same and only volume ingredient density, natural frequency and energy level; it has the property that contract when is heated and expand when is cooled, namely, cold expansion and contraction, and we called it Ether, Dirac sea, Dark matter, or Higgs particle.

Galaxies, celestial bodies and all matter only are the presence of energy and matter inside this Bose-Einstein condensates body.

Reference

[1] *The Structure, State and Properties of Matter in Bose-Einstein Condensate*
<http://vixra.org/abs/1509.0184>



The picture from the network, just to increase understanding only, and not for any commercial purposes, thanks to the authors.

Appendix

Albert Einstein talks about the Ether:

More careful reflection teaches us, however, that the special theory of relativity does not compel us to deny ether. We may assume the existence of an ether, only we must give up ascribing a definite state of motion to it, i.e. we must by abstraction take from it the last mechanical characteristic which Lorentz had still left it. We shall see later that this point of view, the conceivability of which shall at once endeavor to make more intelligible by a somewhat halting comparison, is justified by the results of the general theory of relativity.

.....

Since according to our present conceptions the elementary particles of matter are also, in their essence, nothing else than condensations of the electromagnetic field, our present view of the universe presents two realities which are completely separated from each other conceptually, although connected causally, namely, gravitational ether and electromagnetic field, or as they might also be called space and matter.

.....

Recapitulating, we may say that according to the general theory of relativity space is endowed with physical qualities; in this sense, therefore, there exists an ether. According to the general theory of relativity space without ether is unthinkable; for in such space there not only would be no propagation of light, but also no possibility of existence for standards of space and time (measuring-rods and clocks), nor therefore any space-time intervals in the physical sense. **But this ether may not be thought of as endowed with the quality characteristic of ponderable inedia, as consisting of parts which may be tracked through time. The idea of motion may not be applied to it.**

Ether and the Theory of Relativity

by Albert Einstein

<http://www.tuhh.de/rzt/rzt/it/Ether.html>

<http://pan.baidu.com/s/1dD9BIBv>