

Idealism Problems and Concept Mistakes in Modern Physics

Li Zifeng¹, Ye Bo², Li Sanqing³, Yang Guangjing⁴, Wei Enqing⁵, Shen Haihui⁶

(1 Yanshan University, Qinhuangdao, Hebei 066004, China; 2 Institute of Agriculture Machine of Xianning, Hubei, 437100, China; 3 Tianmen, Hubei, 431720, China; 4 Coal Electricity Company of Heze, Luneng, Shangdong, Heze, Shangdong 274700, China; 5 Limited Company of Zhongtianshanqiao, Qinhuangdao, Hebei 066200, China; 6 Yangling Vocational & Technical College, Yangling, Shanxi 712100, China)

Abstract: There are many idealism problems in modern physics. These are (1) denying the relationship between sense and existence, (2) doing not accord with the law of causality, (3) imaging the universe using deductive method of mathematics, (4) propagating the super distance effect which do not need time, (5) using wrong philosophy and physics concepts, (6) studying the origin of the universe, (7) departing from axiomatic system, (8) denying the definitions of basic physical quantities. These problems are destroying the fundamentals of physics as well as the whole science. In the research of physics, we must insistent materialism, anti-idealism and anti-divine creation.

Key words: modern physics; idealism; law of causality; antimatter; relativity

In the study of physics, people must adhere to materialism against idealism and creationism. People include physical phenomena and laws that can be recognized through a variety of observation and perception in the scope of the science. People include projections and scenarios that come from the basis of the existing physical phenomena and laws, and have not been validated, in the scope of the hypothesis. Science is to determine and correct. The hypothesis is not necessarily correct.

In recent years, the authors participated in a number of modern physics conferences. Idealism and the concept of error are found in modern physics. They are embodied in the following aspects.

1. Serious problem of idealism in modern physics

(1) Denying the relationship between sense and existence

Some people think that physical quantities have been non-existent. The physical quantities exist only after the instruments placed there. Some people say that "If people do not look at the moon or do not see the moon, they say the moon does not exist; if they see the moon, they say the moon exists". In fact, the physical quantity is an objective reality, only the instruments placed there, it was measured; the original physical quantities have a certain impact due to the instrument loading, which needs to be eliminated.

(2) Doing not accord with the law of causality

The law of causality is the basis of all science. There are one result due to multi-reasons, multi-results due to one reason, and one result due to one reason. A result, there must be corresponding reasons. This is the foundation for all science, including mathematics, physics, chemistry, engineering and social sciences. However, some researchers actually do not speak of causality in modern physics. If the physics do not speak of causality, then the physics is not science.

(3) Imaging the universe using deductive method of mathematics

In the physics community, mathematical equation or model are often random endowed with physical

meaning, and all sorts of strange phenomena and things are imagined.

People can use physical - mathematical models to study physical problems, but can never imagining physical problems using mathematical methods. In mathematics, the multidimensional variable can be referred to as multi-dimensional space. In physics, there are the one-dimensional space (line), two-dimensional space (surface) and three space (body); does not exist more than three-dimensional physical space. The multidimensional space in mathematics cannot be directly ported to physics; only in dimension less than or equal to 3 (not including time). Mathematical problem cannot free to give physical meaning.

(4) Propagating the super distance effect which do not need time

Some people believe that the interaction of two distant objects need no time, which is in line with the super distance effect. In fact, the interaction between objects of any kind need an intermediary which is generally believed to be the microscopic particles (which may also not be found), the process takes time.

2. Using wrong philosophy and physics concepts

There have concepts of the positive universe, the negative universe or the anti-universe, the positive matter, the negative matter or anti-matter, black holes, white holes, curved space, turn back time, two-dimensional creatures, Higgs particles, etc., in the physics community. These are the wrong philosophy and physics concepts.

According to the definition of philosophy and science, all the space, the sum of material and time constitute the universe. (1)There is only one universe, no positive and negative points. (2)The world is made up of matter and the matter is of no positive and negative points. (3)There are no black holes that only absorb the material and do not emit substances. (4)There are no white holes that only release the material and do not absorb substances. (5)The space is of no material properties, will not bend. (6) The passage rate of time does not change, will not be back. (7)There is no two-dimensional biological and material. (8)The God does not exist, there was no Higgs.

There are negatively charged electrons, positively charged electrons. The people said positively charged electron is antimatter of negatively charged electron. This is a conceptual mistake. Whether it is positively charged electrons, or negatively charged electrons, they are material, are electrons.

There are four no exact answer questions in physics. (1) The origin of the universe. The universe exists long before human, and could not be verified. (2) The end result of the universe. In the extinction of mankind, the universe will be a long time, cannot validate. (3) The scope of the universe. There can be no exact boundary. (4) How small material can be divided. From a philosophical perspective, it is infinitely divisible; from means of speaking, it is depends on the measurement techniques.

3. Departing from axiomatic system

Scientific research should comply with the axiomatization of a scientific system. Namely, space, matter and time are objective realities that do not depend on the people's subjective will, and cannot be proved by the theory. The length of the physical description of the space (m), the number of physical

quantities of matter (kg) and the basic physical quantities of time (seconds) are prescribed, and cannot be changed after provided.

Now, physics word has defined meter using the light speed, and is trying to define kilogram using $E=mc^2$.

4. Error nature of the theory of relativity

While the mainstream physics community recognized that around the world no one understands the theory of relativity and the theory of relativity has not been verified, they do not allow people to say that the theory of relativity is wrong, they also let the universities as well as the high school to teach the theory of relativity.

In the original paper of Einstein's Special Theory of Relativity, there are many logical errors, mathematical derivation errors and inconsistencies. Special theory of relativity denied the definition of the basic physical quantities.

Essences of special relativity: (1) The “relativity of simultaneity” is a false proposition. It is obtained through exchanging secretly concepts, shifting premises, and confusing feeling and existence, reflection and actuality. (2) The mathematical foundation of special relativity, namely the Lorentz transformation, is a group of self-contradictory mathematical equations; they do not have any scientific value. (3) The special relativity has not been proved using any experiment. Some of the so-called “experiment confirmations” are spurious and some are labeled coercively on it. Special relativity is an absurd theoretical system set up on the bases of wrong hypothesis and mathematics educing. Therefore, it is a “cancer” in the scientific system, bottleneck for further confining scientific development, and a kind of religion in the coat of science.

References:

- [1] 李子丰, 李天降, 王长进, 等. 狭义相对论的本质及对科学、哲学和社会的影响[J]. 科技信息(学术研究), 2007, (19): 1-3.
- [2] Li Zifeng, Li Tianjiang, Wang Changjin, et al.. The essence of special relativity and its influence on science, philosophy & society[J]. Scientific Inquiry, 2007, 8(2): 229-236.
- [3] 李子丰, 王兆运. 唯物主义时空质能观[J]. 科技信息 (学术研究), 2007, (18): 21-22.
- [4] 吴红月, 付蕃. 承传铁人精神 追求科学创新——访燕山大学石油工程研究所教授、博士生导师、大庆石油学院客座教授李子丰[N]. 科技日报, 2009-10-1(7).
- [5] 刘伟, 王玉华. 坚持唯物主义时空质能观-访燕山大学石油工程研究所教授、博士生导师李子丰[N]. 科技日报, 2008-12-2(10).
- [6] Li Zifeng. The essential relationship between mass and energy[J]. Scientific Inquiry, 2007, 8(2): 256-262.
- [7] Li Zifeng. Special Relativity Arising from a Misunderstanding of Experimental Results on the Constant Speed of Light[J]. Physics Essays, 2008 , 21 (2):96-102 .
- [8] 十届全国人大二次会议秘书处. 中华人民共和国宪法[M]. 北京：中国民主法制出版社，2004.