

## **MAGIC WEAPONS FOR SUPPORTING RELATIVITY**

LI ZIFENG\*, TIAN XINMIN

*Petroleum Engineering Institute, Yanshan University, Qinhuangdao, Hebei, 066004, China*

*(Received September 18, 2006; In final form June 7, 2007)*

It has been 100 years since the time when Albert Einstein published his theory of relativity. The theory has been the center of debate since the time when it first appeared. Three kinds of points of view to the relativity have been produced: support it in its entirety, amendment it as needed, and completely opposing it. This paper discusses the supporters' methods on how they back up the relativity in ten aspects. The supporters suppress the opponents and their thoughts. This paper simply analyzes the reason for why such phenomenon exists.

*Keywords:* relativity, support, thought, artifice, opposition

UN General Assembly established the year of 2005 as the "World Year of Physics" in commemoration of the 100th anniversary of Einstein's publishing his theory of relativity. In these 100 years since the first year the theory came into being, Einstein and his theory of relativity have been dominant figure and theory in the world of physics. And, Einstein himself has been regarded as the greatest scientist of 20th century. But since the theory of relativity first appeared, various doubts on its validity have continued and it has not been proven by using experiments. Some researchers find that there is falsehood in the logical reasoning and consequences of the relativity theory.

The theory of relativity, filled with various kinds of paradoxes and incorrect consequences, has already seriously hindered the development of science. So, a radical reform is necessary and urgent. However, the present situation of the scientific world is not optimistic. Some so-called "authorities" of science oppose the materialism, despise the dialectics, are extremely conceited, and allow no different academic opinions<sup>[1]</sup>. They use all sorts of methods to "eliminate and suppress" opposing factions. Their behaviors destroy the fairness and justice of the academic environment. As a result, they place the opposing scholars in difficult circumstances.

### **1. BRANDISHING THE BIG POLITICAL STICK**

For 100 years, some westerners have been making Albert Einstein and his theory of relativity the deification for some untold specific needs. When the oriental study the advanced technology of the west, because of their blind worship, they are also introduced with Albert Einstein and his theory of relativity. Einstein therefore becomes the god in the international scientific world; the theory of relativity becomes the essence of science. The supporters of the theory of relativity dominate the political scene of the scientific world, while benefiting from their dominance. Those, who oppose to the theory of relativity and advocate that the phenomenon of the theory of relativity does not exist, are labeled as the ones who are against science.

The science should be a world with "three noes": no national boundaries, no crest, and no class. It is innovated and developed unceasingly along with time. No one can be correct forever and judge

everything just because he was once the authority. Wang Xuan, an academician of the Chinese Academy of Sciences, once said at Beijing University: "I am no more than an antique scientist." What he said implies that he is neither immersed himself in his former success nor regards himself the ultimate authority having the knowledge to comment on everything. Scholars like Wang Xuan, are modest and did not consider themselves over all the rest just because they had done some recognized works earlier. The confidence of not believing in the authority blindly and the spirit of daring to explore are both the embodiment of the scientific soul as well as the need for future advancement<sup>[2]</sup>. Today's science is not the ultimate science. It only represents what human knowledge contains today. Science itself is a process that develops and improves unceasingly. Solving academic and practical problems should not have to depend on oppressing others. An enlightened and more tolerant academic environment is in favor of scientific development.

## 2. LABELING THE THEORY OF RELATIVITY ON AS MANY SCIENTIFIC ACHIEVEMENTS AS POSSIBLE

Before the theory of relativity came into existence, there had already been the atomic energy theory formula  $E \propto mc^2$ . The theory of relativity only changes the direct ratio mark to the equal sign. Until now it is not clear whether the direct ratio mark or the equal sign is correct. Other works, such as the planet perihelion precession, the light deflection, the radar echo retardation, the gravitational wave, GPS, and so on, are all considered as the theoretical achievements of the theory of relativity, and are given enormous publicity. However, the actual situation is not so. For instance, let us take the GPS, global positioning system, as an example. According to Einstein's theory of special relativity, the time of an object in a relative motion slows down. From this, people often conclude that the elder brother who participates in the interstellar travel is still a young fellow, while his younger twin brother who stays on the earth has become an old man. This is called "the twins paradox". Actually, this phenomenon is impossible to occur, and this inference is only a result from the Lorentz transformation extrapolation. The core of the survey principle of the GP is the issue of adjusting clocks. The GPS uses the one-way signal transferring time interval to measure the distance. The clock on the GPS satellite, the clock at the monitoring net on the ground, and the user's clocks are all in unceasing relative motion condition in the gravitational field. The research discovers that the GPS unifies the times of all the navigating satellites in various status of motion to the time of the static clock on the ground, which is against the synchrony of the Einstein's relativity theory.

In addition, the supporters of Einstein's relativity theory also relate as many unsolved problems as possible to the theory of relativity, which leaves countless many additional problems to the opposition of the theory of relativity.

## 3. CARRYING ON PERSONAL ATTACKS

The supporters of the relativity theory carry on various personal attacks to the oppositions of the theory by damaging their personal and professional reputations; they carry out attacks to the work units to which the objectors belong; they apply various attacks on the media (magazine, newspaper, network, television and so on) which publish papers and opposing points of view. They cause the oppositions of the theory of relativity unable to express their viewpoints and research results, and make them no place to exist. When reviewing manuscripts, assentient reviewers of the theory of relativity do not contact opposing authors. Their main goal is to eliminate the articles of objectors and make some damaging comments to them at the same time. The oppositions encounter attacks while the assentients hide themselves perfectly, which makes any opposition difficult to survive.

No matter whether it is for or against the theory of relativity, both should be considered within the scope of academic discussions. The discussions should definitely be allowed to carry on in a relatively equal atmosphere and everybody should be able to openly talk, discuss, debate, or put out his own gist. Since it is about academic research, people should not make personal attacks, should not

criticize others' achievements by using their own personalized standard. It is a real shame to carry out personal attacks on others in order to achieve their own goal and protect their personal gains.

#### 4. THEORETICAL ISSUES CANNOT BE DENIED THEORETICALLY

Einstein's theory of relativity itself is a logical and mathematical inference error, but it is not permitted to deny or reject the theory by using logical and theoretical inferences by the oppositions. The situation is indeed like that one man can steal a horse while another cannot ever look over a fence. This is really an unfair treatment.

For example, the theory of relativity has the following viewpoint on the issue of the velocity of light: The special relativity theory holds that the velocity of light has nothing to do with the illuminant movement, and nothing with the viewer's movement; it is invariant and in vacuum the velocity of light is the upper limiting velocity in the universe, whereas the general relativity believes that light can accelerate in the gravitational field, also this acceleration has no difference with the ordinary object's acceleration in the gravitational field. For instance, around the earth, the light's acceleration is 9.8 meters/second<sup>2</sup>. If this viewpoint is supported by evidence, then when a light ray flies straight ahead toward a celestial body, its speed as influenced by the body's gravitation, inevitably can surpass the original speed. This means that the general theory of relativity in fact has already affirmed the ultra-velocity's existence. Obviously, the special and the general relativity have the irreconcilable contradiction in the issue about the velocity of light. The invariance of the velocity of light is the most basic supposition premise of the special relativity, but the viewpoint that velocity can accelerate in the gravitational field is the basic argument in the general relativity. This contradiction reflects the fundamental conflict between the special and the general relativity. This discussion indicates that, either the special theory of relativity is wrong, either the general theory of relativity is wrong, or both are wrong. There are absolutely no other possibilities<sup>[3]</sup>.

#### 5. BURDENING THE OPPOSITION WITH THE TESTING

For a statement to be considered as a scientific truth, it needs not only to be correct in theory, but also to be examined through practice and experiments. Practice is the only standard for truth. The supporters of the theory of relativity do not use the practice to confirm the correctness of the theory; instead they burden the opposition to provide experimental evidence to show the theory of relativity is not correct.

This is just like the following situation: In the debate between people who believe in ghost and god and those who do not. When the antitheists request the believers to provide evidence to prove the existence of ghost and god, the believers could only tell stories and tales, but cannot create any evidence of ghosts and gods; so, these believers instead request the antitheists to provide evidence proving that there is neither ghosts nor god. Since there are no such things in the world, how could there be any evidence? If judging the antitheist being inept just because they cannot provide their evidence, people can bet to say, the antitheist can never catch the ghost.

"He who advocates presents the evidence." This kind of burdensome responsibility has already been established in the early Roman law and is accepted and obeyed by the public. In the present complicated society, it seems always the victims who find it more difficult to adduce evidence. So, the burdensome responsibility inversion comes into being under this circumstance. China, U.S., and some other countries have established the legal status of each case through legislation. The purpose of the law system is designed to protect the weak. Those people who support the theory of relativity are in the dominant position. They are in the more solid financial and political conditions. In view of presenting evidence in the eyes of the law, regardless whether they are "the plaintiff" or "the defendant", they should undertake the responsibility of presenting evidence and design and carry out real and repeatable experiments to confirm the validity of the theory of relativity. Namely, if the theory of relativity is correct, the supporters should show the evidence which cannot be denied or challenged; and vice versa. What's more, they should not disobey the onus responsibility and the onus

responsibility inversion that everyone should obey without pushing the obligation of examining the validity of the theory of relativity to the other side <sup>[4-10]</sup>.

## 6. BEING WRONG MUST BE CALLED A PARADOX

For any theory, so long as one point or one aspect of it is untenable, this theory is wrong. In applications of Einstein's theory of relativity, no matter where it applies, there is a problem and mistakes. However, people are forced to call these mistakes paradoxes. By definition, each so-called paradox looks wrong, but is in fact correct. If people don't speak in such a tone, their papers cannot be published.

The afore-mentioned view is under the premise of acknowledging the correctness of the theory of relativity in order to discuss its mistakes. This is illogical and a real nonsense. Articles written under such pressure can be nothing but self-contradictions and self-denials. For example, in the special relativity, "the twins effect" was concluded from the "effect of slowing clocks". This effect has a logical contradiction, which is called "the twins paradox". This so-called "twins paradox" means that the effect seems to be wrong but is in fact correct. This end causes the partial opponents to the theories of relativity hard to explain their positions because of the acknowledgement of paradoxes.

## 7. AVOIDING FATAL SPOTS

For fatal spots of mistake in the relativity theory, the supporters protect it with group behaviors and avoid relevant discussions and debates. They shift the research focus to other places by any possible means.

Some supporters come to realize that in the special relativity, "the twins effect" concluded from the "effect of slowing clocks" contains a logical contradiction, namely "the twins paradox". Since the logic contradiction is recognized and is difficult to be correct, they should give up their effort to defend the theory, or at least they should suspect the validity of "the slowing clock effect". But they are not willing to do so. Instead, they proposed various reasons to defend their position. Quite many books and articles take the general relativity effect, namely the gravitational effect as their defense. They claim that the spaceship's taking off, turning and landing can all cause great acceleration inertial force, which produces "the slowing clock effect", as a result, the man who travels is younger. But this view itself is contradictory. The debate is originally about the "slowing clock effect" of the speed problem of the special relativity, but now the focus of discussion suddenly jumps to "slowing clock effect" of the acceleration of the general relativity. The later is used to defend the former. This is equivalent to acknowledge the special relativity and the effect of "the slowing clock" is not real, and non-existent. Otherwise, why must one seek help from the general relativity! <sup>[8]</sup>

## 8. MAKING FULL USE OF THE PRESENT SYSTEM TO MAINTAIN THE BENEFITS OF THE RELATIVITY

There is a peer review system for each scholarly publication. According to the present dividing method, no matter whether the papers submitted for possible publication are for or against the theory of relativity, they all belong to the category of the theory of relativity. But most of the experts who review the manuscripts make their living on the basis of the theory of relativity. Opposing to the theory of relativity is equivalent to taking away their livelihood and denying their whole life's achievements. Therefore, as soon as they see the articles conflicting with their personal interests, they put them aside or pay no attention without more ado. They do not comply with the principle that articles with correct reasoning and unconventional ideas should be published. They will live comfortably until the theory of relativity is eventually forced to disappear, regardless whether they will be scored or not after their death. They have good reasons to seal up most opponents' mouths and maintain their professional and financial benefits as long as they can.

There is no doubt that there are indeed such "authorities" that are weak in academic background but strong in ambition in the academic circle. Even though the number of these people is small, they have the magic power. These people can influence the trend of academic studies. They do nothing themselves and do not let other people do much, either. The form and structure of the academic authority system are based on the already known knowledge system; and this kind of knowledge structure just adapts to development within the system's scope, without much chance of getting away from itself in order to allow new academic research developments in different waya. In this case, if there is a certain creative and new knowledge that threatens the existing knowledge system, the existing system will undoubtedly threaten the new knowledge by questioning its legitimacy and mobilize the academic authority system in the meantime. Obviously, the academic authority system would not like to see the appearance of the new knowledge, so it will adopt a resisting attitude and behavior. For the benefits of all people and the development of science and technology, we have to allow all schools of thought to contend and to provide sound arguments to convince people.<sup>[4]</sup>

## **9. BEING SHAMELESS AND NEVER ADMITTING MISTAKES**

No matter what kind of situation they encounter, the believers of the relativity theory persist in never admitting their mistakes. Otherwise, they would lose their jobs and their professional prestige.

A true scientific researcher should take seeking the truth as his own duty and responsibility and have the courage to deny himself, instead of suppressing different opinions or attacking newly emerging thoughts in order to maintain the interests, fame and status he has already enjoyed. The theory of relativity, which has been treated as "the ultimate truth," is just like a poor argument halt. It is consecrated in the scientific palace. But, among those people who advocate, teach or praise the theory, which of them do understand the theory? Mr. Xue Panlang once said critically: The media together with some physicists and philosophers flatter the theory; but the fact is that very few people truly understand what Einstein said. What a pity! The mistakes of the theory, which have been criticized theoretically and examined practically for over a hundred years, have already been obvious. But, the theory is still not withdrawn from the historical arena as of now. This is no longer a pure academic issue. The "mainstream" physicists and the academic "authorities," who are guarding the theory of relativity, are actually trying to protect their own reputation, status and economic interests. Their jobs and academic prestige are more important than the facial skin. Even when they made a mistake, they still have to behave shamelessly as nothing has gone wrong and never admit the mistake.

## **10. INFILTRATING INTO THE CAMP OF THE OPPOSITIONS**

Some people obviously belong to the group of supporters, but they infiltrate into the camp of the objectors. Under the name of opposition, they support their theory of relativity. They exaggerate their comments intentionally in the network, twist the original meaning of the objectors and confuse others' understanding in order to create the chaos in the camp of the oppositions, and to waste their time and energy.

## **11. CONCLUSION**

Science is a process without an end. Although the path of scientific development is long, endless, and full of difficulties and obstacles, the wheels of history are still moving forward. Along with the phlogiston theory, the geocentric theory, etc. history has left behind by one by one, the erroneous theory of relativity is also doomed sooner or later.

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