

The Realistic Basis of Integration of the Chinese Martial Arts Philosophy and Western Science

Min Su and Jian-Sheng Wen

Abstract—Chinese martial arts and Chinese philosophy is homologous. Traditional martial arts philosophy system is a perfectly unified system under the guidance of the gas science, by external combat capability improving and integration of the practical results of the Taoist body perception and the psychological mechanisms - Heart method. This in itself reflects the unique interpretations of Chinese culture and cultural patterns of body perception results. It is unique self-education in China too. martial arts is a kind of “inside and outside of one” achievement. As a unique traditional Chinese culture, people should be inherited and opened up a new road of integration of the Chinese martial art philosophy and Western science.

Index Terms—Sciences, philosophy, internal experience, Chinese martial art.

I. INTRODUCTION

Reviewing the history of human civilization, the main theme of civilization is fusion. Each civilization make contribution to human progress. the civilization of the Chinese nation in the process of evolution, there had been three major cultural integration and innovation, the three major cultural fusion was worldwide, it affected various ethnic groups.

Throughout the history of world civilization, Chinese civilization is the only unique continuous civilization, while the Chinese martial arts is unique physical perception of the ancient civilization. This perception the is different with the concept, object perception, it is embodiment of the oldest civilization and unique self-education in China. Martial arts philosophy is long-term results of Chinese martial arts practice, and academic achievements under the impact of the Western civilization. Its occurrence and development is also in the cultural integration.

Nowadays, globalization has made existence difference of the people all over the world be more and more small. It determines the integration of Chinese and Western culture trend, so the construction of a fusion of different cognitive perception research line becomes necessary in the era. In this paper, the new martial arts philosophy meaning is different from general. Chinese martial arts is a kind of “inside and outside of one” achievement. As a unique traditional Chinese culture, people should be inherited and opened up a new road, became the traditional martial arts philosophy into the new martial arts philosophy of integration of the Chinese martial art philosophy and Western science, as a real benefit of the public culture.

Manuscript received November 16, 2012; revised January 18, 2013.

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II. PHILOSOPHY BASIS OF INTEGRATION OF THE CHINESE MARTIAL ARTS PHILOSOPHY AND WESTERN SCIENCE

The usual sense philosophy is based on speculative research, In the West, the natural sciences derived from natural philosophy Western philosophy of nature is a product of the way of thinking of Greek philosophy since Thales, from the appearance of factual judgment. While the Chinese martial arts has as the main academic way by physical practice. it is unique in the world.

Chinese martial arts philosophy roots in martial arts. Fusion of the gas science and martial arts can be seen from the martial arts classic. “Four classics of internal Strength “as a classic is devoted to the practice of martial arts internal strength. Due to recommend by the generation of Xingyi master Song Shi-rong, much of the martial arts concerned it [1]. It is summarized the chinese martial arts by the most important gas theory in the academic history of China. This fusion is reflected at the same time in the Shaolin Internal Classic. Logic is very similar to” Four classics of internal Strength “even two can be explained each other.

The Chinese “martial arts” and “Chinese philosophy” is precisely such relationships. Applying “martial arts” to refining the “Chinese philosophy” have the function of the all-round development. This is determined by the martial bidirectional (The inner and outer) cultivation, in general Western learning do not have introverted cultivation process [2].

Chinese martial arts philosophy holds that the man comes from the world, and he with the world is one. Since the man with the world was one, then, should consciously seek harmony with the world in own practical life and the environment world [3]. This exploration is not a concept, but to do hands-on experience through the cultivation of the state in “unity of heaven and man “Harmony with the environment is to make the individual life be a smooth development. in this direction, the traditional Chinese philosophy of Confucianism, Buddhism and Taoism is roughly the same, their difference is that Confucianism is more focused on implementing the social life, including politics. Buddhism is more focused on the spiritual life. Taoist is in pursuit of natural coordination [4].

Similarly, we can integrat the traditional Western philosophy in this style, integrating the western factual judgment and into individual life cultivation.

III. PRACTICAL BASIS OF INTEGRATION OF MARTIAL ARTS PHILOSOPHY AND WESTERN SCIENCE

The development of Western science has been based on

two great achievements, the invention of the formal logical system (Euclidean geometry) by the Greek philosophers, and the discovery of the possibility of finding out causal relationships by systematic experiment (at the Renaissance). In my opinion one need not be astonished that the Chinese sages did not make these steps. The astonishing thing is that these discoveries were made at all. Einstein's a letter in 1953[5]

The beginning of the birth of human civilization, no concept, no instrument, ancestor perceived the objective world only by means of autologous life, So the kind of physical or life way to perceive the origin of the world has spread. Chinese philosophy or the Chinese traditional martial arts called the universe the basic substance "gas" with perceive the way. Gas no fixed form, but is an objective reality. Now, from the philosophical point of view, the objective world and human life itself can be unified. The laws of science also needs further exploration, to find truly unified the fundamental homology and law. how far the road Science should steps? Chinese martial arts philosophy is different from the general philosophy, because the general philosophy are the indirect consequence of the logic of the universal truth of the universe in relative view [4].

Einstein these words indicates his astonishment about Chinese understanding and perception on the world, because he viewed Chinese science from the idea of Western.

In fact, China's logic system and System's experiment are seamlessly integrated into one. Such as China's 《I Ching: Book of Changes》included two parts, 《I Ching》 may study from four aspects: phenomenon, the number, Meaning, principle. Western binary (Leibniz applied) was derived from the number of 《I Ching》 [6]. Principle which can communicate with Western logic. In the experiments aspect as early as (the Han Dynasty) Zhang Heng has invented seismograph and armillary sphere. However, it is more important to practice.

The Chinese martial arts philosophy is harmony of mind to the universal truth directly, no relatively intuition of truth. No relatively intuitive experience of the unity of opposites is a real reduction of the objective world. Objective world has always been one, so harmony has become a fundamental principle of Chinese philosophy. Chinese martial arts and Chinese philosophy is homologous. Dialectics of martial arts cultivation has its own characteristics. Reversal procedures to life integrates contradiction. So that the two sides complement each other as a harmonious whole. people body "universe" fully turned on the body of the natural universe. At this time, there will be a deeper experience of the law of things. Realm will improve. Practice inherently includes triple relationship, the relationship between man and nature, and interpersonal relationships, as well as relationship of people with their own. Martial art is belongs to one kind of practice,also contains this triple relationship. Characteristics of the martial arts practice: the practice is not only is the test of truth, but also is correct process, and is the means to find truth. Because theory and the effect in martial is most directly continuum. Truth is not unknowable, however, to discover the truth must be put into real practice. the martial arts practice characteristics is to make direct demonstration of the

truth in autologous physical and mental world, so autologous world became demo stage of the truth. what reasoning quite like autologous direct demonstrating the truth, It like to know your own feeling as to know the truth, so called intuitive sort of understanding[4].

IV. MATHEMATICAL LOGIC ANALYSIS OF INTEGRATION OF MARTIAL ARTS PHILOSOPHY AND WESTERN SCIENCE

Similarly,martial arts philosophy has a deep mathematical logic basis. Nobel laureates meeting in the world, held in Paris in January 1988, called for the declaration: "If humanity is to survive in the 21st century, we must look back 2540 years, to learn from the wisdom of Confucius." [7] People increasingly recognize that the world as a whole. With a new concept, a new perspective to re-examine the six thousand years of civilization of mankind, presented a picture in front of our eyes: the source of world culture in the East, she is the first promote force to human civilization, and, re-discover the East is mankind's common mission [8].

Western disciplines focus on the instrument experimental to create great achievements for modern high-tech. but, as the Japanese physicist Hideki Yukawa won the Nobel Prize in Physics in an essay, wrote: "I have studied elementary particles for many years, and have been found variety of different elementary particles, I want to achieve the most basic form of matter, but if it is proved that the substance has thirty different forms, it is very embarrassing; more likely no fixed form of all things, the most basic of things, and does not correspond to any elementary particles known today, but it has the possibility of differentiation of all types of elementary particles, but the fact is undifferentiated something. "Since no fixed form of the most basic form of matter, but also how to look, how to listen, how to use instruments to measure it? This makes Western scientists stalled [4].

From the second-level quantum "graviton"and"anti-graviton" level, everything in the universe are in the formation of interaction of the graviton and anti-graviton, the formation of two types of field of the universe, First, the gravitational field, the second is anti-gravitational field. Gravitational field and the anti-gravitational field are spherical field. The gravitational field is the field of a spherical vortex, resulting in the inward force; anti-gravitational field of a spherical radiation field resulting in outside force, such as electromagnetic waves. The gravitational field swirl is common in spiral galaxies, the Whirlpool Galaxy and all kinds of phenomenon of chaos; antigravity field wave radiation is common in the process involved in the electromagnetic force, strong nuclear force, such as electromagnetic radiation. The wave-particle duality wave is anti-gravitational field caused by radiation, from the macroscopic properties to microscopic objects spherical wave of anti-gravitational field of radiation is enlarged gradually. The particles is the gravitational field of spherical swirl narrowing. From micro-objects to the macroscopic properties is contrary[9].

So the state of the macro-and micro-material existence does not essentially different, only different levels of mass and energy combine in the different form of reflection.

China's martial arts philosophy "gas" is mass and energy of combined forms of microcosmic reflection. China's martial arts philosophy "gas" are the basic elements of the unified field. Change of gas is the change of energy and mass, unified field theory is essentially the transformation theory, unified field theory also is theory of non-relativity.

Inertial mass of an object can be considered a measure of energy, energy can be seen as a way of inertial mass. Energy and mass are two material properties, are two sides of the same substance. Mass-energy conservation law: the material can not destroy, can not create, it can only be converted from one form to another form, its energy is passed from one object to another object which is generally the mass-energy transformation and conservation laws. The world is composed of material from the movement, the movement of material in various forms, and constantly into each other, and this movement is in the process of transformation, people gradually built up power and energy concepts. The world is the material composition of Matter in motion, The motion of matter in various forms, and in constant transformation, it showed in this movement and transformation process the rich world.

It proves that the universe cannot be created, nor destroyed. It is only Presence in the transformation and movement [10].

Thus, the world is unified, its quality, energy, time, space, movement is not entirely separable one. The universe there is neither a border, nor there is no borders, it is neither creation nor be destroyed, it is there, there is non-relative. Quality speed energy of the Material is certain at a time, but the movement transformed into different steps. but steps is not unlimited expansion.

From the law of conservation of mass and energy to understand the total mass-energy of any substance is certain .to prevail photons, showing the expression of pure energy, and great quality of the material showing pure quality. Material itself is the space-time, Its nature is not dynamic and static, the only material the energy-quality attributes changes, reflecting different. A particle that is the whole world.

From law of conservation of mass and energy Known that mass and energy is conserved, In different mass and energy levels of the combining form, we put law of conservation and transformation of mass and energy further development and refinement, it means three meanings:

First, Converted form of energy and mass have different levels of conjugated forms. Second, In the same level in conjugated form, any kind of mass and energy in combination with the form has its reverse form, movement is an reflection of this conversion process. Third, due to different levels of mass and energy of conjugated form, its state of motion in a form of expression is different.

Universe is at different levels of mass and energy in the form of a combination of different states of matter - the interaction of the material world. Wave-particle duality is the expression energy and mass combined with low-quality form of movement. This is the laws of cosmic objects and the microscopic world. This is called theory of non-relativistic. Can be applied to general relativity and special relativity, by all means to Explain, but the concept of non-relativistic must be applied.

V. CONCLUSION

Traditional martial arts philosophy system is a perfectly unified system under the guidance of the gas science, by external combat capability improving and integration of the practical results of the Taoist body perception and the psychological mechanisms - Heart method. This in itself reflects the unique interpretations of Chinese culture and cultural patterns of body perception results.

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ACKNOWLEDGEMENT

Thank Dr. Jian-sheng Wen, he in the key moment gives me strength and supplies.

REFERENCES

- [1] S. Lutang, *Sun Lutang Wu Xuehu*, Beijing: People's Sports Press, pp. 126, 2001.
- [2] J. S. Wen and S. Min, "The vicissitudes of Chinese martial art trend," *Journal of Nanjing Sport Institute (Social Science Edition)*, vol. 25, pp. 33, Jan. 2011.
- [3] C. S. Yu, S. P. Zou, and Y. P. Hu, *Cultural Heritage and the Future of China*, Nanchang: The people of Jiangxi Press, pp. 54, 2004.
- [4] M. Su and J. H. Wen, "The revelation of the Chinese martial art philosophy on contemporary scientific development," in *Proc. 2012 International Conference on Humanity, Culture and Society - ICHCS*, Hong Kong, pp. 102-106, 2012.
- [5] L. Weimin, *Compiled the Theory of Relativity Illustrated Handbook*, Hohhot: Inner Mongolia people Press, pp. 11, 2003.
- [6] D. Y. Xu, *Scientific View of "Zhouyi"* Beijing: Earthquake Press, pp. 4-8, 2007.
- [7] S. L. Li, *The History of Chinese Culture*. Beijing: Education press, pp. 34-37, 2006.
- [8] J. Z. Shi, *Mediterranean-the World's Cultural Whirlpool*, Beijing: Ocean Press, pp. 11-13, 2004.
- [9] A. Einstein, H. B. Yi, and Z. Li, Compiled, *The Theory of Relativity*, Chongqing: Chongqing University Press, pp. 84-85, 2007.
- [10] S. Hocking, L. Monlodino, and Z. C. Wu, *Translated a Brief History of Time*, Changsha: Hunan science and Technology Press, pp. 112, 2006.



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