

The Revelation of the Chinese Martial Art Philosophy on Contemporary Scientific Development

Min Su¹ and Jian-Sheng Wen

Department of Physical Education of Northwestern Polytechnical University, Shaanxi Xi'an, 710072

Abstract. Chinese martial arts and Chinese philosophy is homologous. In the West, the natural sciences derived from natural philosophy, long times been influenced by the West, the attention of human evolution focused on the human conquest of nature, regardless of the fusion of human and natural. Research focused on Observation and the research of the external material object, Rather than on internal experience and humanity itself sensory organs feel. 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.

Keywords: Sciences, Philosophy, Internal Experience, Chinese Martial Art.

1. Research Purposes and Significance

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." ^[1] 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 ^[2].

2. The Difference of Chinese and Western Modes of Thought

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. But the fundamental principle of the universe can not determine from the appearance of fact, To introduce fundamental principle, producing metaphysics and logic. applications of appearance factual judgment needed to confirm the theoretical derivation of metaphysics and logic, metaphysics in Western philosophy has a super experience nature, it is the expression for the pure concept of speculative. Standing in the background of traditional Chinese culture, Western philosophy is a different in significance, incompatible with traditional Chinese Cognitive world way. But in the history, Greek philosophy determined the basic features of Western philosophy way of thinking, and decided the development trend of the entire modern Western academic disciplines; Western philosophy has not led to what we see the formation of a range of various branches - epistemology, ontology, cosmology, logic, ethics, etc, today, but also led a series of modern social science, the root causes of modern natural science to be born in the West especially. almost the main source of modern Western ideological change and scientific development. Chinese philosophy does not exist in this form of philosophy. We can not look at the Chinese philosophy starting from definition and classification of Western Philosophy.

Chinese philosophy holds that the man comes from the world, and it 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. This exploration is not a concept, but to do hands-on experience through the cultivation of the state in "unity of heaven and man ".

¹ Corresponding author. Min Su : Tel. 13720402465; fax:.

E-mail address: sumin827@sohu.com. address: 165 Mailbox of Northwestern Polytechnical University, Shaanxi Xi'an, zip code: 710072

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. Similarly, we can not replace the traditional Western philosophy in Chinese-style.

3. "Martial Art" Characteristics

This article Why chose martial art as research, construct and experience, verify the gateway to contemporary scientific development. First because unique practical characteristics of "martial art" is in line with the practice of "scientific". an academic, usually meaning that is the outcome of thinking, however, the important to China " martial art " knowledge is precisely " unity of Knowledge and Action" experience. This determined the particularity of China " martial art ".The long practice cultivation, it is a direct validation of the Chinese academic. Secondly, "the sword" has the meaning relative to "the pen", fundamental spirit of Chinese thought is that " Merge". Lao Tzu said: " the movement of the tao On the contrary ".Clever on Chinese philosophy that recognizes the things of fundamentally different nature on the substance in the fundamental are interdependent, symbiotic.

Empty and full mutual interdependence, Ease and difficulty complementary to each other, that is also quite the contrary. The Chinese "martial art" and "Cultural knowledge" is precisely such relationships. Applying "martial art" to refining the "Cultural knowledge" 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. Confucius said: having "the sword" must have the "the pen".

4. "Martial Art" Complement to the Construction of the Modern Disciplines and Research Methods

21st century, Human beings are at the era of civilized blend. the famous physicist Max Planck pointed out long ago: "Science is an intrinsic whole, it is broken down into separate whole that does not depend on things itself, but depends limitations of human cognitive ability. actually existing continuous chain, this is a not to be interrupted a chain from physics to chemistry, biology and anthropology to sociology. how to break through the limitations of human cognitive ability, making the various disciplines of human achievements unify is the direction of modern science. The traditional martial saving unique body perception results, It is a prerequisite to break through the limitations of human cognitive ability.

4.1. Two Exploring Ways —" Harmony between Man and Nature" and " Opposition between the Two "

Most fundamental spirit of Chinese philosophy is "harmony" spirit. "harmony" tells people the fundamental rules of survival in the universe. And humans, all things must survival, growth, development, and then, following what kind of ways can make the development of life be smooth? Two basic category of Chinese philosophy "Yin" and "Yang", Lao Tzu said: "Everything negative yin and Positiveyang, breathing into gas become harmony. ("Tao Te Ching", forty-second) This sentence is basically the core of the "Tao Te Ching", This is essentially a generalization of life in the universe. It explains everything has a yin and yang of the two sides, its life lies in the harmony of the two, so that leads to a concept of "Tai Chi". "Tai Chi" refers to the origin of all things produced, cosmic chaos undivided state. From the perspective of the "Tai Chi" it is no longer exists "yin" and no longer exists "Yang", only a confusing "yin and yang" body, "without no beginning, independent and not change.

Spirit of this philosophy, derived from the pursuit of the "Tao" realm in essence, Chinese scholars think fit with the surrounding environment - in order to achieve harmony with the universe - and finally, experience to the role of the law of the nature of the universe. This process is not a process of confrontation with the environment, and ourselves and the universe should not be in opposition, but with "" Harmony between man and nature"" the line to achieve the ideal, and find their own "home". From the perspective of the "Tao" between heaven and earth, everything has a meaning of their own existence - the integrity of the

self-contained life. This determines the everything self with unity—— "yin and yang" contradictory unity. the mechanism of the "harmony" To analyze can really explore things with vitality and life itself.

Building of Western philosophy, were laid by the ancient Greek civilization. but ancient Greek civilization does not belong to a primitive civilization. the ancient Greeks did not inherit the experience of The creator of civilization. From Plato more clearly prove this point. Plato believed that knowledge derived from perceptual experience is uncertain and should be overcome. he introduced the argument of the concept. Western philosophy later called purely rational concept. the original "idea" and "eidos" are homologous, the "eidos" is a verb meaning "to see".^[3] it effectively proved pure concept reasoning itself is a specific way of life. so Greeks stood on the opposite side of the objective world, established standards from its factual judgment analysis study, this research line affects the entire academic process of the Western.

Western philosophy turned the concept reasoning things into theory, the theory, this word is derived from the Greek theoria. It is the way of "see". This is one of the people and the world, to look at the world, you must exit the step, this step resulted in various split in Western philosophy: subjective and objective, phenomena and the nature, spirit and matter. dualism characteristic of Western philosophy is decided by conceptual cognitive "see" the world. So, building the line of fusion of different cognitive perception way of research is necessary on the times. Proceeding from this, significance of the martial art is unusual for adaptation to the demands of the times.

4.2. Martial Revelation of the Construction of the Modern Discipline

As early as 100 years ago, Marx predicted that: "Natural Science will be sum up about the human sciences in their own following, just the same as the science of human sum up Natural Science in their own following: it will become a science. "long times been influenced by the West, the attention of human evolution focused on the human conquest of nature, regardless of the fusion of human and natural. Research focused on Observation and the research of the external material object, Rather than on internal experience and humanity itself sensory organs feel. When the modern environmental problems and psychological problems become a chronic problem that troubled modern. The forefront of scientific research have to pay attention to the study of the man himself. Division research can certainly clear analyse a particular aspect of the objective world, but the objective world as a whole, how to restore its origins?"

The martial art is such a road, the road through martial so as to realize the ultimate pursuit of understanding the truth. Passing through the martial "Inner strength" constantly practice achieves a transport of "gas", and achieves realization of internal and external integration practice for the truth. So make introverted "Inner strength" practice - "Tao" the reverse generation and extroverted "from technology to the truth" - "Tao" forward validation consistent. make the body and mind, internal and external unity, and then, in conjunction with the external environment, to transform their realm of life, reached the perfect realm of life.

4.3. Martial Art Enlightenment on Modern Research Method

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.

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 art 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 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.

The Chinese 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.

5. Conclusion

Human evolution is that human initiative to grasp all the internal and external factors to adapt to the objective world, transforming the objective world and the process of transformation of the subjective world, in the process, both the transformation is unity. The inward transformation evolution of life itself, this practice is man initiative to transform their own process as subject. not only reforming consciousness, also transforming body. Using human nature itself is the most subtle instrument, to transform the whole life activities. This is the Chinese martial arts Cultivation mode. It is Chinese special practice in the implementation of life, from evolutionary inferences, of course mankind is evolved from the objective world, since the source is the same. mankind and the objective world can be one of mutual induction. This is also the Chinese academia emphasizes "nature and man mutual induction " reason.

6. Acknowledgements

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

7. References

- [1] Shao-Lin Li. *the history of Chinese culture*. China Press, 2006.
- [2] Ji-zhong Shi. *Mediterranean - the world's cultural whirlpool* china Press, 2004.
- [3] Chun-song Yu, Shi-peng Zou, Ye-ping Hu. *Cultural heritage and the future of China* china Press, 2004.