

The Comparative Research of China and World Parapsychology, and Some Characters of Chinese Parapsychology

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Article History	Abstract
Original Research Article	<p><i>The study of parapsychology has a long history. We examine some characteristics of modern parapsychology and compare the similarities and differences on methods and fields between Chinese and world research. Further, we specifically explore quantum parapsychology and earthquake prediction and propose the three dimensional body-mind-spirit worlds on parapsychology and human society. Parapsychology as a new science must be universal, but different for each individual. Chinese parapsychology should give full play to its own advantages and make great contributions to the development of traditional Chinese culture, and develop the world parapsychology.</i></p> <p>Keywords: <i>parapsychology, methods, comparison, similarities and differences, China, quantum, three dimensional body-mind-spirit world.</i></p>
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1. A Historical Survey of Parapsychology in China and World

Looking back that parapsychological research has a long history both China and World. In China famous cases include that the renowned prime minister Fu Yue (傅说) was discovered in the dream of King Wu Ding of the Shang Dynasty (reigned approximately 1271-1213 BC), and Zhou Wen King (周文王) discovered Jiang Ziya by divination. In 1998, Chen Taoqiu compiled "Selected Examples of Human Potential History", which categorize these phenomena as extrasensory perception, miraculous effects of the mind, remote sensing of the brain, and early warning or prediction. His statistics indicated that China parapsychological phenomena and research have persisted uninterrupted for thousands of years, from the ancient Xia, Shang, and Zhou dynasties to the Ming and Qing [1]. Internationally, records in the Gospel of Mark of the Bible, Christian saints, and numerous historical accounts reflect the long-standing existence of parapsychological phenomena. The author has preliminarily explored ancient Greek parapsychology and its comparative study with ancient China [2]. In this paper, we compare the similarities and differences between Chinese and world of parapsychology research, and explore quantum parapsychology and earthquake prediction, and propose the

three-dimensional body-mind-spirit worlds on parapsychology and human society.

2. Some Contemporary Chinese and World Parapsychological Studies

The formal academic study of parapsychology originated in the UK with Society for Psychical Research founded on February 20 1882, under the first leadership of Professor Henry Sidgwick of the University of Cambridge. This had been established to 2025 for 143 years. According to incomplete statistics, there are approximately 50 countries worldwide with parapsychological research organizations. Notably, the American Society for Psychical Research officially became a member of the American Association for the Advancement of Science (AAAS) in 1969. This milestone marked the global recognition of parapsychology as an emerging discipline, with its academic status formally acknowledged. Parapsychology has very significance and potential applications.

So far, 15 Nobel laureates have engaged in parapsychology, they include Thomsen, Rayleigh, Richet, et al. Prominent scientists like Schrödinger, one of the founders of quantum mechanics, explored the mind-body relations [3]. Brian D. Josephson, the 1973 Nobel Prize in Physics laureate is director of the mind-body unification project. I. Prigogine, the 1977 Nobel Chemistry laureate and founder of

dissipative structures, have long admired the mystique of supernatural experiences. Prigogine once told his students: "If I were a young researcher today, I would study mind-body issues. This is the monumental challenge of the 21st century."

Parapsychology as a cutting-edge science in vigorous development, major countries worldwide have conducted diverse research and achieved numerous new findings. The primary Western studies focus on statistical results from ordinary populations, and their research methodologies are highly worthy of our reference.

China primarily studies the psychics of special individuals, namely their unique abilities. Modern research in China originated from the ear can be recognition words reported in Sichuan in March 1979. Later it became a craze, but the results were mixed and fluctuated dramatically. For the 20 years of intense exploration in somatic necessarily science, many have already made systematic summaries. In fact, modern neurobiology has proven the existence of two systems: perceptual vision and dynamic vision, with half of the brain involved in vision, and it has been shown that people do not just use their eyes but the entire brain to see objects, thus other senses can replace the eyes. For example, extreme rock climber Eric Weihe is not only a millionaire, but also, more remarkably, he is a blind man. The astonishing non-visual "special ability" can now be fully verified by modern science.

Based on the results of 46 years of experiments, observations, and research conducted by the Somatic Science Institute of Yunnan University, it can be affirmed that certain facts of parapsychology exist necessarily. This includes non-visual recognition of words and maps; some results of our training of children and blind children [4]; certain PK (psychokinesis) and pickup objects from sky, such as Yang Degui (杨德贵); certain clairvoyant abilities, and so on.

We believe that relevant research must connect with contemporary global scientific research, and must integrate with traditional Chinese culture. The academic conference on 'Chinese Traditional Culture and Parapsychology' held in Kunming on October 23-24, 2011, was a successful meeting. After the meeting, the World Publishing Corporation published the meeting minutes [5]. We were honored that Brian D. Josephson, Nobel Laureate in Physics in 1973, Cambridge University professor, and renowned physicist, agreed to contribute his paper 'String Theory, Universal Mind, and Paranormal' as the first article. This book is the first academically published parapsychology work formally released in mainland China, and it has been sent many renowned libraries worldwide. A review of the book, 'Chinese Traditional Culture and

Research of Parapsychology', was published in the SCI-indexed international journal *NeuroQuantology* in 2012 [6]. In December 2016, the review was republished in the *World Institute for Scientific Exploration Journal* [7].

After the meeting, three professors Lu Ying-Zhong of Nanhua University in Taiwan, Albert So of University of Hong Kong, and Yi-Fang Chang of Yunnan University jointly registered the 'International Chinese Parapsychology Association' in Hong Kong. At November 19-21, 2016, we organized 'Second Academic Conference on Chinese Traditional Culture and Parapsychology' in Kunming. The conference had 216 official representatives, and with attendees, possibly more than 300 participants. Due to strong responses and enthusiastic support from researchers in China and many scholars overseas, the conference achieved unprecedented success. Since the conference was based on thousands of years of Chinese traditional culture and the globally flourishing field of parapsychology, it attracted numerous high-level experts and scholars, while also providing a broad platform for further research exploration. Based on this conference's collected materials, the China E-Book Publishing Media Group subsequently officially published 'Chinese Traditional Culture and Research of Parapsychology: Kunming 2016' [8].

We plan to conduct a series of research, including potential training for ordinary children, and adults, studies on Buddhism, Taoism, Yi (Book of Changes), Qigong, traditional Chinese and ethnic medicine, mind-body unity and holistic health, natural disaster prediction, Feng Shui, investigation of supernatural phenomena, near-death experiences, contributions to the arts, and ethnic cultures. Our mission is to promote China outstanding traditional culture to the world, and also make the contributions and to advancement for parapsychology worldwide.

3. Comparison and Differences between Chinese and World Parapsychology Research

Parapsychology, as one of the frontiers of contemporary scientific development globally, mainly includes various phenomena that current science cannot explain, such as extrasensory perception (ESP), thought transference, psychokinesis (PK), clairvoyance, precognition, telepathy, near-death experiences, etc. Current world research primarily uses modern high-tech monitoring and experimental methods to study the consciousness and physiological states of subjects, emphasizing statistical studies for the general population, with psychology being the most commonly used method.

Currently, research in mainland China is primarily guided by traditional Chinese philosophy concepts such as "correspondence between humans and heaven" and "unity

of man and nature”, based on traditional wisdom, the science of the mind and nature, and theories from Chinese medicine, focusing on studying special abilities, qigong, and various unusual phenomena. The methodology includes key experiments and training for individuals with special abilities, practitioners, and adolescents, with subsequent measurements and validation. Dr. Leping Zha introduced China’s parapsychology and human body science research internationally in 1991 and 2001 [9,10]. In 2017, the author also discussed certain related Chinese studies in the Psi Encyclopedia [11].

Research on ESP and PK is similar in both China and world. Studies on clairvoyance, telepathy, precognition, remote sensing beyond space-time, hypnosis, and the relationship between parapsychology and psychology or UFOs are also similar. Sun Chu-Lin’s thoughtography has been very successful. Folk research also explores issues related to the spirit. However, research on near-death experiences and psychic healing in China remains insufficient to date.

Some contemporary international research focuses are highly worthy of our attention and reference. Among these, human-machine interaction has shown some publicly accessible progress. If this can influence various control systems, its application potential could be highly significant. For instance, Professor Patrizio Tressold of the University of Padova, Italy, conducted a series of mind-matter interaction experiments at a distance of 190 km [12].

In the United States, research uses thought fields to reduce crime rates. Robert A. Charman, senior lecturer at Wells Medical School and editor of the Journal of Parapsychology, studied parapsychological prediction, not only demonstrating physiological precognition using modern scientific instruments but also proposing highly enlightening concepts such as the existence of two realities and four degrees of freedom in time [13]. The influence of thought on DNA is also linked to mind-body health. Meditation has now gained global popularity; after retiring and falling ill, former U.S. President Clinton even sought specialized guidance in meditation.

Albert So research on scientific Feng Shui exemplifies the combination of traditional Chinese culture and modern science [14]. Shao Linxiang proposed the necessity of establishing scientific experiments to certify the existence of Qigong External Qi [15], and experimentally confirmed that Qigong External Qi can inhibit the growth of tumors in animals and directly kill cancer cells cultured in vitro [16].

At present, some interconnected and different research teams have been formed in Kunming. The main achievements include:

From 2012 to 2017, the author conducted training on the development of various potential for 52 blind children

using general scientific memory methods combined with certain Chinese traditions, such as mind-adjusting, pranayama, Buddhism, qigong, etc., and achieved certain results and experiences. Our training has received widespread support, care and unanimous praise from the community. After 2014, similar training for blind children began in some places in China, and we sent people to participate in training in Wuhan and Nanjing. From August 1 to 7, 2016, we were specially invited to form a team to participate in potential development in Beijing for the “Young Eagle Bright Eyes Intelligent Development” summer camp held in Beijing. We not only applied the method of potential development training for many years, but also brought two children (one of whom was also a blind child) who could accurately identify the suits and dots of playing cards, as well as various color cards, under the condition of wearing an eye patch, and obtain an important demonstration and guidance role for other children. Further, we brought that a child X.N. Jin showed more magical functions, successfully move a key from first floor to the office on the second floor by thought. He could roam the “virtual world” with the blind children. Our efforts have been affirmed by all parties.

Further, the author proposes a testable hypothesis: The neural excitable cell is continuously induced and excited, then grow out new synapse and dendrite, and the feeling system, hearing system, smell system, etc., may joint to visual system, and form a new neural network, and achieve finally a transformation among vision and other sensations, and proposed some possible tests, for example, scientists may train the blinded animals, then dissect their brain, and compare their different functions and different results. If this hypothesis is validated, it will bring benefit to mankind, in particular, disability. This is a classical neuronplasticity [17-19]. Modern neurobiology demonstrates that the human brain possesses plasticity, and learning can alter brain structure [20]. Donald Hebb discovered a crucial fact about brain architecture: the more a specific skill is trained, the more the corresponding neural pathways are strengthened. Additionally, new resonances may form between different sensory systems.

This is also the Six Sense-organs Intersubstitution on eye-ear-nose-tongue-body-thinking in Buddhism, which as a type of functions in fact is not strange. Many phenomena in parapsychology are not surprising as paranormal abilities; there are many similar descriptions in Taoism, Christianity, Islam, and certain other religions.

For many years, we have consistently focused on training the potential of children and have achieved many nationally recognized results, such as extrasensory reading of characters and pictures, psychokinesis, and automatic writing. In 2016 and 2017, the youth potential training

classes led by Qin Hong and Zhang Wen-Hua as the training department's directors guided the development of potential, achieving astonishing results, and even wrote few tiny

words (Chinese “Mother I love you”) and a figure of ‘love’ at match rod (Fig. 1) in closed locket by virtual pen.



Fig.1 Tiny words (Chinese “Mother I love you”) and a figure of ‘love’ at match rod

Furthermore, Qin Hong explored adult potential development through Taoist practices.

Based on the long-term training experience of the Somatic Science Institute at Yunnan University, most children’s abilities diminish as they age, and sometimes disappear completely. Our experience must emphasize virtue as the foremost principle and focus on cultivating excellent traditional cultural values in young people; otherwise, it may harm both oneself and others. At the same time, self-cultivation, maintaining health, and helping others are also among our research focuses.

The author believes that research methods in parapsychology can be summarized into three major systems: modern science, traditional culture, and religion [21].

Based on modern science and combined with quantum theory, in April 1983 at the National Discussion on Somatic Functional States held in Kunming, the author formally proposed the concept of the thought field and its basic formula $E = H\nu$, where H is an undetermined coefficient, and ν represents the frequency of the thought field, which can be strong or weak, focused or scattered. This result forms four basic functional states. The thought field [22-25] should be a new interaction.

Moreover, parapsychology may involve higher-dimensional space-time and new worlds. We also proposed that parapsychology can perceive and detect new information; for example, X.N. Jin can see infrared light. These four aspects are interrelated and indicate the existence of two fields: the human thought field and external information fields. This development connects the

mind and consciousness with new fields and waves. From this we may explore various information fields, and creating new spaces with new information fields.

Research in parapsychology at both Chinese and international levels should form a unified approach with complementary strengths.

4. Quantum Parapsychology and Earthquake Prediction

We proposed the physical definition of parapsychology as: a non-visible, unclear field producing visible macroscopic effects. Consequently, one of its main descriptive tools is physics, especially modern quantum theory [26]. This provides a measurable, predictable, and testable definition.

Modern science has found that the fundamental basis of life is essentially quantum mechanics [27]. As is well known, in parapsychology, experiments are difficult to replicate, following the uncertainty and unpredictability of quantum theory. We have proposed the extensive quantum theory for parapsychology and discussed possible tests [28]. This determines the probabilistic and statistical nature of parapsychology. At the same time, it indicates that current parapsychology theories are incomplete. More generally, parapsychology also aligns with Bohr complementarity principle, meaning that statistical data and typical cases complement each other. The higher the frequency is, the higher the energy, the greater the certainty in space-time, the smaller the probability; conversely, the lower the energy, the greater the space-time uncertainty, and the larger the probability. Furthermore, we studied ten possible tests and conjectures related to its wave-particle duality. In the unity of mind and matter, the mind corresponds to waves and fields, while matter corresponds to particles.

Modern neurobiology shows that the nervous system is generally not completely stable, and a characteristic of the brain is its individuality and variability; therefore, there is no reason to expect that various experiments in parapsychology and somatic science must be precisely and completely reproducible [29]. The new fifth type of interaction [22-25] should be a focus of our exploration. Many parapsychology experiments suggest the possible existence of an additional space. Modern science also has a wealth of multiverse theories. Based on this, the author proposes a mathematical method for a new space of complex manifolds—Kähler geometry. As a special class of Riemannian manifolds, it can provide a broad perspective for in-depth research into new spaces in parapsychology [29]. Accordingly, topological transformations can be divided into two types: continuous, such as bending a spoon with psychic power; and discontinuous, such as breaking a matchstick with psychokinesis. Furthermore, this can be linked to general complex functions, where the elliptic functions on the complex plane are meromorphic functions [30] and possess two distinct basic periods:

$$f(z + m\omega + n\omega') = f(z). \quad (1)$$

Here ω and ω' are two distinct periods. This seems to describe phenomena like prediction and remote viewing in parapsychology. This includes the Weierstrass elliptic function:

$$W(z) = \frac{1}{z^2} + \sum_{\omega \in L} \left[\frac{1}{(z - \omega)^2} - \frac{1}{\omega^2} \right]. \quad (2)$$

This may possess linking to multi-connected topology and a wormhole model that could describe the 'soul' after death. In addition, the new space may also form a dual space with ordinary space.

Recently, we have founded the Institute of Quantum Parapsychology in China. The most important mission of this institute is to combine modern sciences, in particular quantum mechanics, to study parapsychology that is testable and repeatable. Our purpose is vividly reflected in the logo as shown, a Tai-Ji diagram of traditional Chinese culture underpinned by an international parapsychology symbol Psi, with a green color to represent life (Fig.2).



Fig.2 Chinese Parapsychology

This shows that we are both enrooted in the classical Chinese culture and the development of the modern world. The magical implication is that the Tai-Ji diagram as the complementary principle is also the emblem of Bohr who is one best-recognized leader of quantum mechanics, and Psi is also a wave function in quantum theory. We propose that the model is consistent with the purpose of quantum parapsychology [31]. Of course, we are not rejecting or ignoring other complex parapsychological phenomena.

Based on nonlinear equations in fluid dynamics, we derived simplified nonlinear solutions and chaotic equations, where chaos corresponds to earthquakes. This illustrates the complexity of seismology and the impossibility of precise earthquake prediction. However, by combining the Carlson-Langer model with the Gutenberg-Richter relations, we can derive a magnitude-period formula of earthquake:

$$T = T_0 10^{-b(M_0 - M)}. \quad (3)$$

Such some earthquakes may be quantitative predictions.

California is a multi-earthquake region, but large earthquakes are still relatively infrequent. According to the magnitude-period formula, in 2003 we predicted that future earthquakes would occur in 2009, 2014, and 2019 [32,33]. So far, an M=6.9 earthquake occurred on August 3, 2009, and an M=6 earthquake occurred on August 24, 2014. When we take the period T=33, a large earthquake of 2019 will be more possible [32,33]. In 2019 California occurred two bigger earthquakes on 4 July M=6.4 and 5 July M=7.1. President of World Institute for Scientific Exploration, Dr. John H. Reed said: "I was very impressed with your prediction of the earthquake that occurred in July in California. This certainly shows how powerful your earthquake prediction model is." This shows that earthquakes may be predicted initially, and be calculated simply. Further, earthquake predictions are combined different methods [33,34]: various modern scientific instruments, different scientific theories, and some paranormal ways, which include parapsychology, Yi and Tai-Yi(太乙), special functions and animals and plants, etc., they will be able to improve prediction accuracy. Further, we should apply parapsychology to study various natural disasters.

Research in parapsychology not only has the potential to generate new scientific growth points, such as replacing eyes with other senses, but may also have great inspiration and significance for the national economy and people's livelihood, such as remote sensing, prediction combined with the I Ching can be used for earthquakes [32-34], and parapsychology and other research and prediction of various natural disasters. In this regard, China has not only existed in ancient times [1], but can also make significant

contributions.

5. Three Dimensional Body-Mind-Spirit Worlds on Parapsychology and Human Society

Based on the investigations of many years for various phenomena in parapsychology, we proposed three dimensional body-mind-spirit worlds on human society (Fig.3). This was implied by much Chinese and world ancient phenomena, various religions, some magical causality, many strange phenomena in criminal cases of homicide, haunted houses around the world, and reincarnation, etc [35,36].

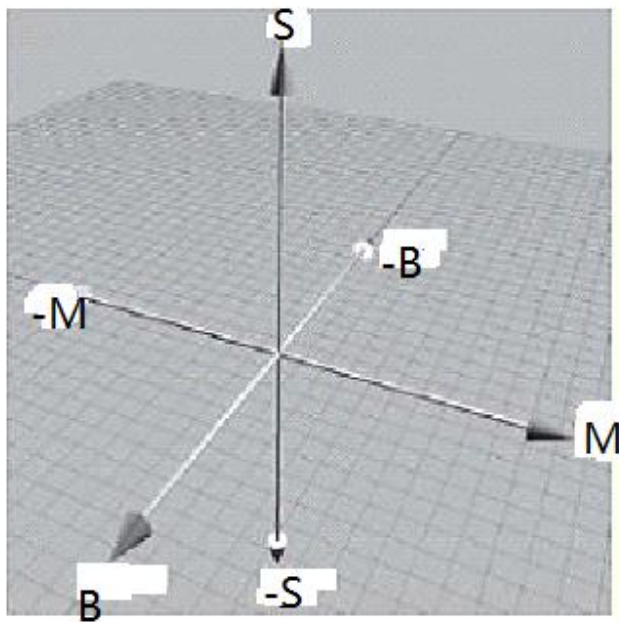


Fig. 3 Three dimensional body-mind-spirit space

Usual world is a body (matter) world accompanied by rights and wealth. The largest of them are the emperor and the rich; $B=0$ is an ordinary civilian; below $B<0$ are the poor and the “untouch”.

The second dimension is mind (conscious) world with morality and reputation. $M>0$ are all good people, the highest is the sages; $M=0$ is mortal with the animal nature; $M<0$ below is the gangsters, the criminal, the liar. Yang and Yin in Chinese traditional culture correspond to body and mind.

The third dimension is spirit (gods) world. $S>0$ is the gods with different level; $S<0$ is the demons and ghosts with different levels. $S=0$ is atheism. It corresponds also to the highest heaven and the lowest hell. This is the outer space, and a new space. This is uncontrollable, and difficult to study, although it is related to the human-nature induction. However, the difficulty is that their frequency seems to be variable. This corresponds to the quantum uncertainty principle.

Three dimensions can be entangled each other, especially mind and spirit affect mutually. This result produces strange

effects, such as the phenomenon of Poltergeist. It can even cause great damage to the body-matter world. The combination of large matter-bodies and huge negative thoughts formed some of the great tyrants in history, such as Hitler, et al.

Based on modern science, we explored some possible mathematical-physical models of the “soul” [25], which is also the future after death.

6. Difficulties and Prospects of Parapsychology

Parapsychological phenomena are diverse and very common [37], so their research starting point is low, which provides the possibility of public participation, and also provides opportunities for all kinds of speculators, profit-seekers and even scammers. Academic discussions and debates in modern society are normal. However, we firmly oppose those who completely ignore the facts and completely deny parapsychological phenomena [38-40].

In short, parapsychological research has two aspects and levels: 1. Accumulation and summary of phenomena and experiments. This must be as strict as possible. 2. Exploration of mechanism and theory. There is no authority here, and certainly no guidance. In fact, this is true for all new disciplines! We proposed a nonlinear whole parapsychology and its mathematical and physical methods [41], and explore that the future society may be a combination of science, religion, and parapsychology [42].

Parapsychology as an emerging science, it must be universal and globally applicable like physics and chemistry; but, it should more like biology and medicine, and is differs for each individual, which adds to its complexity.

Although research methods vary for different countries in world, they all ultimately converge into the shared ocean of human knowledge. The development of Chinese parapsychology should not be isolated or cut off from the world; of course, it should not merely follow others blindly either. Instead, it should fully leverage its own strengths, overcome its shortcomings, learn from others' advantages, and make up for deficiencies. This would not only promote traditional Chinese culture and bring it to the world but also contribute significantly to the global development of parapsychology as a great achievement of the Chinese.

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