

## On Conceptual Change and Informationization to Promote Wushu Modernization

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**Abstract:** Chinese martial arts is extensive and profound. It has continuously absorbed the essence of the times in the historical baptism of thousands of years, and has gradually become an excellent national culture. It is sports, but it is higher than sports. In the context of the development of social modernization, martial arts, as a classic representative of Chinese national traditional sports, needs to continuously adapt to society, constantly enrich and update its own system, and open up new development space. Harmonious social modernization and its modernization development are not only inevitable for the development of the times. The requirements are also the inherent requirements for the development of martial arts. Whether Chinese martial arts can adapt to modern society and scientifically and rationally realize its modernization is of great significance. The research purpose of this article is to study the change of concept and informationization to promote the modernization of martial arts. This paper uses the method of literature and expert interviews to explore the historical trajectory of martial arts development. This article summarizes the research results and finds that the promotion of martial arts modernization by concept change and informatization has eight aspects, which are to promote the popularization of martial arts, promote martial arts education, develop martial arts competition, spread martial arts information, stimulate martial arts industry, promote martial arts culture, and promote martial arts. The management and enhancement of martial arts technology shows that the impact of concept change and informatization on martial arts modernization is huge.

### 1. Introduction

Martial arts is a treasure of the Chinese nation. It is a sport with rich connotations, diverse forms, independent systems and multiple social functions. It is also a brilliant pearl of traditional Chinese culture. In the practice and development of centuries of practice, martial arts has continuously absorbed the nutrition and wisdom of Chinese traditional culture, and gradually formed traditional moral standards, which is a rare spiritual wealth of the Chinese nation. Traditional Chinese martial arts is gradually moving towards the world and has become an important part of world sports culture. "Martial arts modernization" refers to making martial arts have a modern advanced level of science and technology. This is a concept with a high starting point compared to the ancient martial arts civilization and its traditional concepts. [1-2] Martial arts have survived and developed in the agricultural economic environment for a long time. Only in the last 20 years of the second half of the last century did we really come into contact with "modernization." The world facing martial arts in the new century is developing rapidly [3-4]. The so-called "modernization" requires advanced science and technology. Traditional Martial arts gradually show many disadvantages over time. In this information age, corresponding changes need to be made to make martial arts better inherited.

Modernization refers to the process of social change in which human beings evolve from a traditional society to a modern society. This change penetrated into socio-economic, political, cultural and other fields and caused corresponding profound changes. In the context of the development of social modernization and sports modernization, as the martial arts representative of the traditional sports of the Chinese nation, social modernization and its modernization have

become harmonious and consistent, which has become an inevitable requirement of the development of the times. After five thousand years of Chinese martial arts accumulation, Chinese martial arts have been continuously enriched and improved [5]. With the continuous change of the times, whether it is a very different style, an all-encompassing technical system, or a profound theoretical system, it has been better inherited and developed in the advancement and miscellaneous transfer of historical wheels. The development of science and technology has enriched and broadened the thinking of the Chinese people, greatly promoted the modernization of Chinese society, and also brought new challenges to many traditional things. In the process, new changes will inevitably pose new challenges to the inheritance and development of martial arts. Researching the change of concept and informationization to promote martial arts modernization can make us clearly understand the historical trajectory of martial arts development, and it has a good reference value for promoting martial arts modernization.

This article discusses the changes that are necessary or inevitable in modern martial arts from the perspective of changing ideas. This article discusses information technology again and looks forward to people's emphasis on "informatization to promote martial arts modernization". This article discusses two aspects of "martial arts modernization" that need to be resolved: one is the problem of changing concepts, and the other is the problem of promoting martial arts modernization with informationization. This article summarizes four kinds of concepts that need to be changed. At the same time, when explaining the central point, it is put forward that informatization is the key to the development of martial arts. And put it into practice.

## **2. Method**

### **2.1 Wushu Informationization is The Development Direction of Wushu Into Modernization**

#### **2.1.1. The gradual realization of martial arts informationization is the core of the modern embryo of martial arts**

The 21st century is the information age. Information and information science and technology are of strategic significance for the knowledge economy, as well as of the modernization of martial arts. Martial arts must realize its concept change from the ideology of agricultural economy and industrial economy. It is necessary to consider the choice of representative informatization practice and step into modernization in practice. Information, information science and technology are advancing with the times, are characteristic of the times, and can best reflect the level of advanced science and technology. The gradual realization of martial arts information will enable people to see the real image of martial arts modernization. We have opened a window facing the world, but how do we communicate with the world and how to reflect the modernization of martial arts in this communication, this is the practical problem of martial arts informationization that we have to face.

#### **2.1.2. Wushu Information Index**

Since we use information technology as an important means to modernize martial arts, we must gradually replace the old methods such as heart-to-heart dictation, boxing and boxing with a modern way of information representation, storage, and dissemination, so that the proportion of modernization will be greater. There has been a significant increase and it has gradually become mainstream. Selection of information indicators:

1) Primary expression indicators: computer expression; computer information carrier use. Primary storage index: storage information entity. First-level communication indicators: computer transmission; information services.

2) secondary expression indicators: computer Chinese expression, computer English expression, computer data processing, multimedia text, numbers, graphics comprehensive expression; computer and camera sound and image processing, multimedia sound, video image use. Secondary storage indicators: computer storage, disk storage, optical disk storage, tape storage. Secondary communication indicators: E-mail delivery in Chinese, two-way English delivery, multilingual communication on the Internet; production and update of web pages, website information

dissemination, video communication, and computer distance education.

## **2.2 Change of Mind**

### **2.2.1. Communication form**

In the history of the formation of urbanized martial arts communication mode, there has been an urban phenomenon of "the Quartet's methods are different, and only Beijing teachers are good". The more the era develops, the more clearly it can be seen [6]. In the 1960s, the first martial arts textbook of New China laid the technical and theoretical basis for Changquan, Taijiquan, and Nanquan. The authors of this book are martial artists from major cities. They are not only the masters of traditional boxing, but also the founders and pioneers of modern competitive martial arts. For decades, their students have moved from major cities to various parts of the motherland, and also brought martial arts to the whole country. Their students, students, spread the modern new martial arts developed on the basis of traditional martial arts for generations. This is the law of "urban masters" and its effects [7]. Under modern conditions, the spread mode of Wushu urbanization and its practice activities have been promoted from domestic to international. Therefore, the traditional concept of staying in the practice of domestic rural martial arts should obviously have a greater change in line with the development of the situation.

### **2.2.2. The position of artwork in changing ideas**

The genre of boxing to turn rough into fine-quality martial arts is just as dazzling as the variety of Chinese tea, flowers, and dishes, but all have a "taste" problem [8-9]. After hundreds of years of inheritance and refinement, some martial arts genres of martial arts have become "super-species" in art; some are simple, but lacking in processing, rough and unpretentious, and difficult to be graded; and some must be reasonable in practice. To solve the mysticism caused by its theory, return to the value that the public can understand and demand. All these indicate that scientific and concrete analysis of martial arts should be done.

### **2.2.3. The essence of the change of concept**

The deepening of the primary nature of martial arts has for a long time regarded the fighting of "spears and spears" as "technical attack". Ancient military strategists did not think that boxing was the "really beaten" in the war, because apparent combat was not as good as weapon killing. However, its role of "moving hands, feet, and habitual limbs" has been valued. From the pre-Qin period of "Qi Yiqiangqiangqiang", "Qi Renlongqiangjiqiang, get a song to give gold", to the Qing dynasty "strike the enemy with bravery, the number is Jiqi" all refer to the war in the cold weapon era phenomenon. Strictly speaking, it is not appropriate for modern martial arts to use "strike" as its sole essence. It is a confrontational item of martial arts, and martial arts is not its only essence [10-11]. This is even more the case. We say: martial arts is the essence of martial art routine, but it is not the only essence. The essence of routine movement is multi-level. People often see the nature of offensive and defensive tactics exposed at the superficial level, but do not deeply observe the nature of fitness, athletics and art at different levels. Because the routine does little harm to the human body and has a great effect on strengthening the physique, it has developed into a sports in the last century. Decades of popularity have made it show the essence of fitness, and decades of improvement have revealed its essence of competition. The routine itself is artistic. The name of the modern martial arts competition, the competitive routine, has already stipulated the characteristics of its combination of competition and competitive arts. Therefore, the competitive routine must not only be technically difficult, but also artistic. The difficulty of technology is mainly determined by the comparability of competition, while the artistic of technology is mainly determined by the ornamental. If the competitive events in the market economy background only consider competitive winning without being watched, obviously the concept cannot be called "modernization". Therefore, the way of thinking should also be changed. Discovering the artistic nature of routines has become a new topic to deepen the understanding of martial arts.

#### **2.2.4. Inheritance and innovation of concept change**

The transformation from the old to the old and the new to the bofa is a fundamental reason for the progress of human civilization and the long history of martial arts [12]. If the early humans stopped creating and did not continue to innovate, then what they may see now is only the stone knife, axe, tree fork and stick. It is because of the development that martial arts has today's rich equipment drill content. Martial arts speaks of "inheritance", so it has "original taste", but the "original taste" of top grade is precisely based on the original process through sublimation and refinement. However, it is necessary to retain the taste and genre characteristics of some fine boxing types. The modernization of martial arts cannot only be reserved but not created. The history of martial arts development provides many innovative models, but there are no modern innovative models to learn from [13-14]. The ancient martial arts was developed in a long feudal agricultural economy. In modern times, under the condition of underdeveloped industry, it has accepted the collision and fusion of Chinese and western cultures. In the industrialization and information era, martial arts will face difficulties every step forward. People have come from the conflict between oldness and innovation, but now they are facing the innovation problem of martial arts entering the Olympics and the post-Olympic innovation problem, which are all practical problems of martial arts modernization. The practice of internationalization of competitive martial arts requires that we must contact the reality of Chinese and Western sports cultures to create Olympic martial arts competitive routines and competition rules. This not only calls for a change in the old-fashioned ideas, but also needs to be changed urgently for the stagnation ideas that have been innovative but have not adapted to the new transition.

### **3. Experiment**

#### **3.1. Research Object**

The research object of this article is the theory and evaluation of the development of martial arts modernization. By studying the development of martial arts, it confirms the view that concept change and informationization promote martial arts modernization.

#### **3.2. Experimental Method**

1) Check the data through various channels to understand the research status and latest developments of martial arts and related fields, and read a large number of domestic and international research results on modernization, sports modernization, and martial arts modernization, laying a solid theoretical foundation for this research. The results are sorted and analyzed.

2) Using the expert interview method, combined with the designed outline of expert interviews, combined with the actual progress of the work in this article, through interviews, emails, telephone interviews and other forms on senior and relatively influential parts of the martial arts research area and related subject areas Experts or scholars conducted targeted interviews and listened to their valuable opinions and suggestions in order to inspire thinking, resolutely research difficult points, enrich knowledge and test research results, to help the research in this article proceed smoothly, and carry out the results. Organize analysis.

### **4. Discussion**

#### **4.1 Analysis of Wushu Development Track**

The literature review method was used to conduct relevant data review. Table 1 shows the course of martial arts modernization and its development stages.

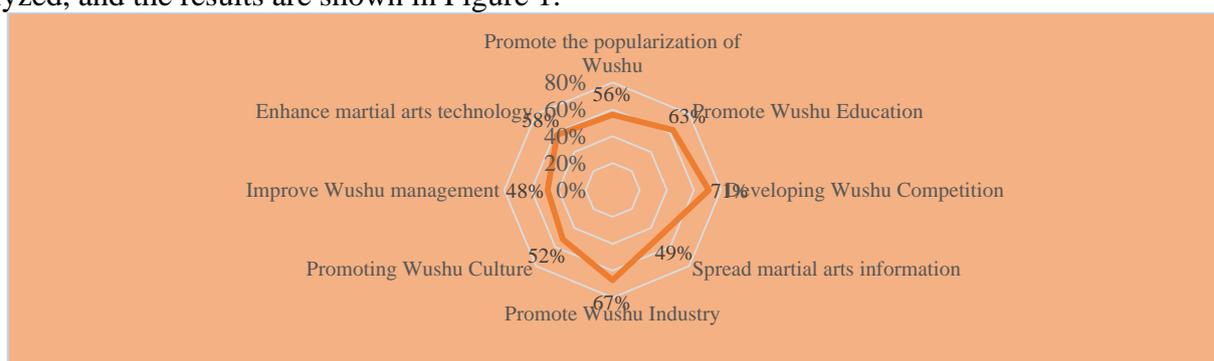
**Table 1.** The development process and development stages of martial arts modernization

Stage of development	Time	Characteristic
Savings brewing stage	1840-1901	The brilliant no longer, the theory system and the technical system unceasingly consummates.
Imitation innovation stage	1901-1919	With the abolition of the martial arts, the development of the martial arts began to be transferred to the
Innovation turning stage	1919-1949	From the point of view of physical education, the martial arts begin to close to the sports
Recovery of the stage of development	1949-1979	There was a gradual resumption of development.
Pluralistic stage of development	1979-up to now	Entering a new period of diversified development, and at the same time, it is a new historical stage of the modernization of Chinese martial arts.

It can be seen from Table 1 that the modernization of Chinese martial arts is full of difficulties and difficulties. The historical problems and misunderstandings exposed during its development can be described as "the lesson learned" from the modernization of martial arts today. Development is of special significance. A rational combing of the development process of martial arts modernization is an in-depth analysis and demonstration of historical materialism in the development process of martial arts modernization. Therefore, an objective analysis of the historical problems and major contradictions that have occurred in the development of martial arts has important reference value for the modern development of Chinese martial arts, and it can also provide some historical and theoretical references for the continuous scientific development of Chinese martial arts.

#### 4.2 Analysis of Conceptual Change and Informationization to Promote Wushu Modernization

The expert interview method was used to consult and interview experts on the transformation of ideas and informationization to promote martial arts modernization. The results were sorted and analyzed, and the results are shown in Figure 1.



**Figure 1.** The promotion effect of concept change and informationization on martial arts modernization

As can be seen from Figure 1, there are eight aspects to the promotion of martial arts modernization through the transformation of concepts and informationization. These are to promote the popularization of martial arts, promote martial arts education, develop martial arts competition, spread martial arts information, stimulate martial arts industry, promote martial arts culture, and improve martial arts management And enhance martial arts technology. The development of martial arts modernization is a subsystem of the development of social modernization. The relationship between the two is interactive. The latter is the external driving force of the former and the former

acts on the latter. The coordinated development between the two is crucial. Inheritance and innovation are the "two feet" of the modern development of Chinese martial arts, as well as the final development choices of martial arts in the modernization of Chinese society.

## 5. Conclusion

The development of martial arts modernization is a subsystem of the development of social modernization. The relationship between the two is interactive. The latter is the external driving force of the former and the former acts on the latter. The coordinated development between the two is very important. Through research, this paper finds that concept change and informationization have a good promotion effect on the modern development of martial arts. The modernization of martial arts is not a process of change in its external manifestation and material level, but also a process of change in which the things related to the system and spiritual level are constantly enriched and developed.

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