

The Application of Chinese Traditional Cultural Symbols in Architectural Design

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Abstract: With the continuous improvement of people's living standards, architectural design technology is constantly optimized and upgraded in the context of rapid economic development. Architectural design must not only maintain the basic functions of the building, but also take into account its artistic and formal beauty. After thousands of years of accumulation, Chinese culture has precipitated a heavy national culture. Integrating the traditional culture of the Chinese nation into architectural design is an important measure to inherit the national culture and enhance the taste of architectural design. Symbols are markers for certain objects. Chinese traditional cultural symbols have metaphorical and symbolic characteristics. Applying them to modern architectural design can better enhance the artistic taste of construction. On the contrary, architectural design gives higher traditional symbols. The article explores the application of Chinese traditional cultural symbols in architectural design.

1. The Connotation of Chinese Traditional Cultural Symbols

Symbols have cognitive functions and communicative functions. People are full of cognitive desires in the objective world, symbols are born from them, and the process of communication is also the process of generating, transmitting and accepting information. People use symbols to convey cultural information. To a certain extent, the symbols of Chinese traditional culture are the embodiment and precipitation of the infinite wisdom of the Chinese nation for thousands of years. It is a visual language created by the Chinese ancestors for exchange and record. China has a long history of development and has created and created rich cultural symbols in the evolution of history. These vivid and unique cultural symbols have opened up a broader space for modern architectural design [1]. As one of the four ancient civilizations in the world, China has created many miracles in the history of architecture such as the Great Wall, the Potala Palace, and the Dunhuang Mogao Grottoes. After five thousand years of inheritance, the cultural significance of Chinese traditional cultural symbols is more abundant. Literature, history, and culture are dominant cultural symbols. The ideology and culture of Confucianism, Taoism, and Buddhism are hidden cultural symbols. It is the responsibility of every architect to give new vitality to traditional culture through architectural design.

2. The Impact of Chinese Traditional Cultural Symbols on Modern Architectural Design

Chinese traditional cultural symbols not only have cultural significance, but also have aesthetic significance. Their influence on modern architectural design is mainly reflected in the following aspects:

First of all, it plays a role in setting off the architectural style and building structure. The application of traditional cultural symbols in many modern buildings can enhance the national character of architectural design and enhance the cultural character of architecture. Secondly, it plays a guiding role in the layout of architectural design. Chinese traditional culture plays an important guiding role in the layout of architecture. For example, Feng Shui is an important part of Chinese traditional cultural symbols. To a certain extent, it is the embodiment of Chinese traditional cultural world outlook and values. Therefore, there is a trend in architectural design. In the modern architectural design, this concept still has an important impact on the layout of the building design.

Finally, the color symbols show the style of the building. Among the traditional Chinese cultural symbols, color is the most intuitive expression [2]. The traditional Chinese red symbolizes auspiciousness and joy, and the bright yellow is the symbol of power. These are the embodiment of Chinese traditional values. In the modern architectural design, according to the structure and nature of the building, selecting the appropriate traditional color symbols can not only highlight the architectural style, but also maintain the aesthetic value of the building, and can make the building more compatible with the local natural environment.

3. The Use of Traditional Cultural Symbols in Architectural Design

The main way to apply pattern symbols in architectural design is to use architecture to promote traditional cultural information and convey visual information. Pattern symbols can not only guarantee the basic functions of buildings, but also meet people's spiritual needs and aesthetic needs. For example, the design of the National Pavilion of the Shanghai World Expo uses traditional Chinese masterpieces, supplemented by the necessary inverted steps. It can be said that the Expo National Pavilion is a typical case of using traditional Chinese symbols in recent years. In addition, the Xiangshan Hotel, designed by the architectural master Pei Ming, uses a repeating method of the motif, which takes the most representative traditional Chinese symbol lanterns as the motif. The lanterns everywhere can make this pattern symbol there is a subtle connection between buildings. The designer extracted the prototype of the lantern and evolved a variety of abstract deformations based on its prototype. The lanterns were used in various details of the building such as house, entrance arch, stair stair, etc., especially the division of the wall. The composition of the series of lantern symbols, the light line corners form a continuous lantern. The application of the pattern symbol makes the Xiangshan Hotel more Chinese, which is of course inseparable from the profound cultural heritage of the architect himself [3].

The application of image symbols is reflected in the construction of images and architectural structure images in architectural design. The reasonable application of image symbols to architectural design can create rich associations, which makes people have more understanding of architectural design. China's architectural design has a long history of development. Traditional Chinese architecture contains many image symbols. Modern architectural design can not only draw on these symbols directly, but also extend and expand on it to give more traditional Chinese image symbols. Of course, historical changes, social development, and architectural design have also undergone great changes. In this process, architectural design symbols will have different meanings as the architectural design changes. For example, the Confucius Institute in Qufu, Shandong Province has a strong traditional Chinese culture. At the beginning of the design, the owner asked him not only to meet the basic functions of the building, but also to integrate the new building into the historical and cultural environment. It can represent the traditional culture of China, fully embody the connotation of traditional culture, fully reflect the regional characteristics and cultural connotation of the origin of Confucianism in Shandong Qufu, and realize the harmonious unity of architecture and culture. In response to this request, the designer fully applied the image symbols of Chinese traditional culture, Luoshu, Hetu, Jiugongge, etc., to the architectural design, and borrowed some of the cosmic image symbols of Feng Shui. For example, Feng Shui requires that the construction land should be negatively yin and yang, paying attention to the former case mountain and the back mountain. The building is built in the north to show the mountain, and the south is piled up to show the mountain. The left side of the building is watered into the channel. Qinglong and Xiaoyuhe hinted that "the golden belt embraces". These concepts are all derived from Chinese Feng Shui, which not only reflects the traditional Chinese cultural concept, but also improves the ecological environment of the building [4].

The image symbol in architectural design is a frequently used design element. The styling symbol can highlight the artistic characteristics of the building. In the actual application process, attention should be paid to the styling symbol to coordinate with the architectural modeling organization plan, and comprehensively adjust the shape, space size and twists and turns in the architectural design. Its shape adopts the ancient tower style with Chinese architectural style. The

designer takes the image of the tower as the starting point and designs a building with strong sense of the times and local characteristics by using steel and glass materials. It can absorb the context of Chinese architectural style and exude a wonderful interpretation of Chinese traditional cultural taste. The tower of Jinmao Tower adopts a plane with two axes of symmetry, and then increases step by step in a step-like shape. Then, through square and chamfering, conversion and change, it is easy to match the proportion, scale, rhythm and rhythm of the retraction. Reminiscent of China's ancient pagoda, people can appreciate the perfect view of the tower from any angle. In Chinese traditional culture, the shape of the ancient tower symbolizes wisdom and imagination. This is not only the fusion and collision of Chinese culture and modern architectural design, but also the combination of the super-high-rise building plane combination and the economic and reliable building structure system [5].

4. Precautions for Applying Traditional Cultural Symbols in Architectural Design

In the actual modern architectural design, the application of traditional cultural symbols should pay attention to the following problems:

Traditional buildings and modern buildings have great differences in building materials, architectural styles, architectural heights and architectural techniques. Therefore, the application of traditional cultural symbols in modern architectural design should avoid hard-working, otherwise it may be counterproductive, not only will not increase the building's Aesthetics and artwork may even affect the value of the building. Therefore, the application of Chinese traditional cultural symbols in modern architectural design should systematically analyze the function of the building. In the design stage, multiple sets of main cases are designed according to the actual situation of the building, and finally the most feasible plan is selected to incorporate traditional cultural symbols. For example, the Chinese medicine department of a hospital has set up a relief statue of a famous Chinese medicine doctor at the wall, and engraves the image and introduction of the Chinese herbal medicine on the wall for decoration. When the patient seeks medical treatment, it is easy to feel the strong Chinese medicine culture atmosphere and greatly improve the environment. In addition, it should be noted that the long-term development of Chinese traditional culture, some cultures have maintained a strong vitality, some cultures have become abandoned by the times, architectural design and application of traditional cultural symbols should try to choose elements that are vital and easy to accept for the public. For example, moral culture, filial piety culture, etc., to enhance the artistic value and attractiveness of architecture [6].

The application of traditional cultural symbols in modern architectural design is not only to enhance the architectural taste of the building, but also to enhance the architectural value of the building [7]. To some extent, this is also the inheritance and protection of traditional culture. Therefore, in the actual architectural design, it is necessary to emphasize the protection of the traditional culture, and to avoid the commercial packaging and processing. In the design process, it is necessary to systematically collect the traditional culture related to the building, understand the characteristics, values and development status of different cultural symbols, and select the most representative traditional cultural symbols based on the concept of inheritance and protection, and apply them reasonably to modern architecture. In the design, avoid these high-quality traditional cultures being ignored and overwhelmed under the tide of commercialization. It should be noted that the traditional cultural symbols used in architectural design should not be completely subordinate to the building and lose the heritage value of its culture. After the architectural design is completed, it is necessary to ensure that the traditional cultural symbols selected in it are consistent with their original appearance, avoiding the unnecessary changes and destruction of the traditional, so that all traditional cultural symbols are applied and respected, and finally ensured in the architectural design [8].

5. Conclusion

In short, the traditional cultural symbol is a symbol of a country, a nation, and a region. It is the

enrichment of its cultural heritage. Traditional cultural symbols are not only the inheritance of traditional culture, but also the basic functions of design elements. The attribute, therefore, the use of traditional cultural symbols in architectural design can better reflect the cultural implication of architecture, enhance the aesthetic character of architecture, and the use of traditional culture in various fields of architectural design is also the innovation and development of contemporary architectural design art style. It is not only an inheritance of traditional culture, but also an important means of opening up markets and innovating technology. Therefore, in the actual architectural design work, designers should learn from and draw on the excellent design culture of each nation, lead the consumption orientation of traditional culture in the architectural design market, truly realize the organic combination of culture and market, and achieve a win-win situation between culture and market.

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