

Research on the Application of Tea Culture and Stone in Traditional Furniture Design

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Abstract:

Tea culture is an important part of Chinese traditional culture, which reflects the long history, broad and profound of Chinese traditional culture. The decoration of tea culture elements is applied in all aspects of life, and is widely used in furniture design. In traditional furniture design, the application of stone and tea culture elements is a very important aspect. Stone material has the characteristics of durable, beautiful, rich texture and texture, while tea culture emphasizes the life style of Qing Jing Ning God and harmonious nature. Its aesthetic concept and aesthetic standards have a profound impact on the shape, material and structure of traditional furniture. The characteristics of stone material and the concept of “tea culture” have a great degree of agreement. Based on the design and research of traditional stone and tea culture elements in furniture, this paper discusses the relationship between stone and traditional tea culture and furniture design, more fully demonstrates the connotation of tea culture elements in stone furniture design, analyzes the significance of traditional tea elements in stone furniture design and gives stone furniture richer humanistic feelings and design temperature through the study of tea set elements. This paper will discuss the application and integration of stone materials and tea culture elements in traditional furniture design, to provide some references and enlightenment for traditional furniture design.

Keywords:

Tea Culture, Stone, Furniture Design, Design Concept

1. Introduction

1.1. Elements and characteristics of traditional tea culture

Traditional tea culture elements occupy an important historical position in Chinese traditional culture, and are one of the excellent traditional Chinese cultural elements, including tea ceremony, tea literature, tea set and other elements. Its main characteristics include the following aspects: First, China is the birthplace of tea, for thousands of years of the beauty of the Chinese nation tea elements have national characteristics. Second, tea elements have aesthetic characteristics. From picking, making tea, making tea and drinking tea, these activities show the charm of tea culture

and the value of tea ceremony art in these activities, and convey spiritual pleasure for people. Third, tea culture has humanism. In the thousands of years of development history, the tea garden has produced many humanistic tea customs, such as elements of tea ceremony, such as wine generation and guest tea, which is the concrete manifestation of China's "ritual" culture. Fourth, the tea elements are modern, and the tea culture has a long history, but different from the continuous Chinese culture, the elements of the tea culture can be seen in many fields today.

1.2. Element expression of tea culture

Tea culture has been accumulated with a long history, which reflects a certain humanistic connotation. Tea ceremony and tea customs are the cultural forms that can best reflect the cultural elements of tea culture by Figure 1. The tea ceremony has been a Chinese cultural tradition for thousands of years. The fragrance of a pot of tea can make people's friendship lasting and make people's homesickness in a foreign country even stronger. The humanistic elements in the furniture design mainly reflect the integration of the color of the tea set and the environment, so that the tea space shows the comfortable time of tea tasting in a relaxed, fresh and comfortable environment. At the same time, tea culture also contains the ideological factors of the three cultures of Confucianism and Buddhism, and the highly summarized and summarized ideological elements of harmony, quiet, happiness and reality, whether ancient or modern, have a profound impact on the thoughts of the Chinese people. Furniture design should pay attention to the application of these ideological elements, so that the furniture is more artistic and aesthetic, and the integration with the indoor environment is an organic integral [1].



Figure 1. Display picture of Chinese Traditional Tea Culture, photo source: Baidu Encyclopedia (Map of Tea Culture Display, photo source: Baidu Baike).

1.3. The significance of using traditional tea elements in furniture design

A. Enriched the expression form of furniture design products

The Chinese nation has a long history of furniture manufacturing, for one thousand years, it contains the rich cultural heritage that is breathtaking. Especially represented by the traditional mortise and tenon connection techniques, their exquisite and perfect, making the use of many years has not been destroyed. Ancient Chinese craftsmen respected the earth in their unique way, integrating the traditional Chinese concept of the unity of heaven and earth into their works, thus creating unique works of art. Their creation integrates the ancient Chinese traditional tea culture into the contemporary furniture decoration, and injects a brand-new vitality into the traditional Chinese art. For one thousand years, Chinese tea culture has always been an important topic, and its traditional tea elements and modern home decoration style are easy to be associated with.

B. It endows it with the cultural connotation of furniture design products

With the deepening of China's reform and opening up, the relationship between tea culture and furniture design is also deepening, and the influence of traditional tea elements on furniture design is becoming increasingly significant. The penetration of foreign culture, makes the furniture design variety, rich materials, functional diversity, popular with consumers, has achieved good market effect, but the Chinese traditional furniture design concept is weakening, it also brought challenges to Chinese furniture industry, need to pay more attention to the protection and inheritance of traditional culture and inheritance, and pay more attention to the furniture and innovation of the design, in order to meet the needs of today's society. The uniqueness of Chinese furniture design has not yet been fully developed. However, by integrating the traditional tea elements into the furniture design, the furniture design can not only be more in line with the characteristics of Chinese culture, but also can add new vitality to the diversity and cultural characteristics of the furniture.

C. Create a harmonious sense of furniture product atmosphere

Chinese traditional furniture products have been inspired by the tea culture mentioned in the mutual supplement. They not only reflect the traditional Chinese eating habits, but also provide a unique vision and tactile sense for the traditional Chinese furniture making. The appearance of the tea table mentioned in the mutual complement, not only reflects the traditional Chinese eating habits, but also has brought a profound impact for the whole world. In ancient times, as a single home facility, the dining table was mainly used to place a variety of tea sets and home decorations. Nowadays, it has become more and more important, its role is more and more, both can place home decorations, and can carry a variety of objects, but also have a variety of visual effects. In addition, it also forms a harmonious, unified aesthetic feeling with other indoor household facilities, giving a person a full of warm household atmosphere by Figure 2.



Figure 2. “Mountain Ming” Tea culture mahogany furniture design, author: Han Zhuohong, instructor: Mao Yang (“Mountain Leisure Ming System” Tea Culture Redwood Furniture Design, Author: Han Zhuohong, Instructor: Mao Yang).

2. Research on the Application Value of Stone in Traditional Furniture Design

2.1. Improve the decorative value of furniture

Stone is a commonly used material of furniture, which has excellent performance in the production of furniture, its surface natural texture, decoration and addition, the artistic beauty of furniture, and has a great fit with the concept of tea culture. Over time, the stone shape, color, texture, and surface treatment technology have changed dramatically. These changes make the application of stone in furniture decoration design more colorful, from carving, patterns to color, and even texture changes can be satisfied. Through exquisite carving skills and carefully designed patterns, the beauty and cultural connotation of stone furniture have been greatly improved. Using the natural texture and various colors, according to innovative design, the local contrast

with the visual texture of the stone texture changes to achieve a more delicate decorative effect. Tea culture and stone culture have a long history in China. Furniture design often integrates traditional cultural elements to echo this historical and cultural atmosphere, and expresses the cultural connotation through traditional materials, crafts and shapes. The traditional tea culture elements echo the modern mainstream extremely simple home decoration style, the color of stone furniture is mainly high gray with low saturation, different colors present different styles, presenting a high-grade atmosphere visual effect, can improve the indoor grade; exudes elegant and classical charm. The stone presents a simple, quiet and harmonious visual effect, with changing flower patterns, landscape patterns, ripples, jade patterns. These naturally produced colors and patterns represent the artistic atmosphere and poetic artistic conception. It can create an incomparable artistic effect of artificial materials, showing the natural artistic conception of such as blue waves, mist and ink landscape [2].

2.2. Enrich the practical functions of furniture

Stone texture is hard, waterproof and fireproof, direct contact with the human body to produce a cold feeling, used for the surface and block, can meet the different needs of people in [3]. Stone is usually placed on a frame made of wood and metal, while the blocks can be cut and carved into furniture art. Although the stone weight is very heavy, but on the one hand, it can realize the function of furniture, which makes up for the defects of pressure resistance and deformation of flat furniture to a large extent. On the other hand, it can change the inherent form of the furniture by stitching and carving. If the small stone splicing design of beautiful and practical small furniture, enrich the variety of stone products; and stone can also be matched with new materials, weaken the hard, cold, heavy stone furniture, improve the practicality and decoration of stone. Stone material and tea culture are both highly artistic cultural forms, so we will also pay attention to the artistic performance in furniture design. From the texture of the material, the precision of the process, the personalized modeling and other aspects to create an artistic atmosphere. Stone and tea culture blend together emphasize not only artistry, but also practicality. Furniture design will pursue the perfect combination of aesthetics and functionality, to meet people's needs in life. Tea culture pays attention to details and etiquette, which is also vividly reflected in the traditional furniture by Figure 3.



Figure 3. Display Picture of Stone Furniture Design, Photo source: Baidu Baike(Display drawing of Stone Furniture Design, photo source: Baidu Baike).

2.3. Endows with the cultural connotation of furniture

The stone appreciation culture in China has spread for a long time. By the Ming and Qing Dynasties, the wind of stone appreciation reached its peak, and the wind of literati playing with stone appreciation was prevalent. The ancients not only used stone as a decorative decoration, but also combined the decorative stone with furniture, and used stone as an important decorative element of classical furniture. The

appreciation stone on the furniture is mostly marble (white black pattern limestone), mainly in the form of stone, mostly for the desktop heart, arhat bed screen heart, seat screen heart, cabinet door heart [3]. In addition, stone such as stone table, stone drum, stone box, flowers, etc., is indispensable to Chinese classical gardens, stone furniture inlay and carving skills, in the shape, the texture everywhere shows the artistic fragrance and poetic artistic conception, into the nature and other scenery foil each other, showing the charm of traditional Chinese aesthetic culture. Therefore, stone in, furniture design can reflect the master's life concept and achievement charm. Together with stone and tea culture, its cultural connotation is often related to nature, simplicity and simplicity. Furniture design also can draw lessons from these characteristics, emphasize natural beauty, pay attention to the natural material, wood and beautiful sex. At the same time, the traditional core and aesthetic style of tea culture and stone culture coincide with the trend of modern simple design. Furniture design will emphasize bright lines, simple modelling, smooth and orderly, the pursuit of simple aesthetics.

2.4. It shows the material and technology of stone

Architect Wright believes that each material has its own unique treatment method and can be designed accordingly as needed. Therefore, in order to design both practical and beautiful product [4], we must have a comprehensive understanding of the characteristics of the material, the combination of processing technology and appearance, and how to use these characteristics reasonably and effectively by Figure 4. The stone material that usually is used at furniture design basically is marble and granite, because their surface is delicate and smooth, quality of a material is hard, color is rich, texture is natural and beautiful, love by people. Due to the different diagenetic conditions and mineral composition, various kinds, rich changes in color and texture, different styles [5]. Some noble and elegant magnificent, some old dignified and simple natural some group flowers like beautiful scenery. Some golden jade exquisite, some crystallization with a very good light transmission stone of different styles can not help but make people associate, from time to time with our traditional culture, resonance, for our design innovation to provide rich material. In the process of making traditional furniture, various decorative techniques are often used, such as carving, drawing gold, hollow out, brand, etc., to integrate the tea culture elements into the furniture design and increase the cultural connotation of the furniture. Stone material can not only be used for furniture production, but also can be used for furniture decoration and jewelry production. For example, stone material wall hanging, stone carving screen, stone carving vase, stone carving lamp holder, can create a natural, classical atmosphere for the home space, but also can reflect the exquisite skills of stone craftsmen. Through the carving and decoration of details, the value of tea culture can be shown [6].



Figure 4. *Texture display of Traditional stone materials, Photo source: Baidu Baike (Texture display of Traditional stone materials, Photo source: Baidu Baike).*

3. Design and Application of Stone and Tea Culture Elements in Traditional Furniture

For this paper research, I designed a tea culture series furniture design integrating wood and stone. The design is named "Shanju autumn Ming", and the theme element is "Shan". This design is inspired by the mountain with very natural characteristics. This mountain not only refers to the morphological outline of the mountain, but also refers to the quiet and resolute spiritual connotation of the mountain. The mountain is the carrier of the literati to express their aspirations, and it is an inner pursuit. In this case, we transform the mountain through subjective images, abstractly extract the shape of the towering tall and straight mountain, and combine the spiritual core of the mountain culture with the traditional Chinese furniture, so as to glow it with new vitality. At the same time, the material combines marble with traditional furniture wood technology to create a new Chinese stone furniture design by Figure 5.

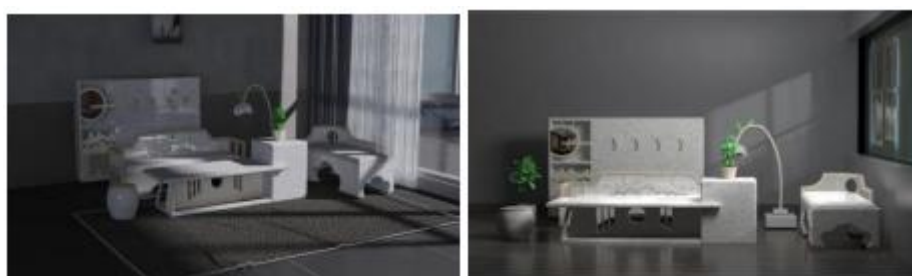


Figure 5. “Mountain Residence in Autumn Night” Tea Culture Stone Furniture Design, Author: Han Zhuohong, Instructor: MAO Yang (“Mountain Residence and Autumn Night” Tea Culture Stone furniture Design, Author: Han Zhuo hong, instructor: Mao Yang).

The overall concept of stone furniture is designed around the process of making tea, appreciating tea, smelling tea, tasting tea and so on. The main square tea table size is 180x50x75 (cm), and the square table can ensure that there is enough space for the tea drinking process. The combination of tea tables is divided into two parts, which integrate the function of the tea table. The long strip design is simple and generous. At the same time, there are square potted countertops and water table, which have a tea charm. The size of the host sitting couch is 180x50x90 (cm), and the height of 50cm ensures the comfort of use with the tea table. In the design, the modeling of Ming furniture design style, the chair surface is combined with wood and stone, simplifying the structure, and realizing the design effect of the integration of Ming furniture style and modern stone seat. The size of the guest stool is 42x42x40 (cm), which borrows the modeling characteristics of the furniture pier chair in Ming Dynasty and has the characteristics of round and steady. The stone seat is matched with fiber cotton wool cushion to enhance the comfort and ensure the users warm in winter and cool in summer, presenting a natural and simple atmosphere.

At the same time, in the design, the author also designs for the tea culture stone furniture design with a stone hanging clothes large pendulum stage, the size of 170x40x190 (cm). Tea sets and tea leaves or other book accessories can be placed among them, and at the same time, there are 4 hooks on the table, which can be used to hang the user's clothes. Can be placed behind the tea table tea couch and then create a gentle and elegant teahouse atmosphere. Also designed a complete set of stone lamps and lanterns, size 40x40x175 (cm) base and lampshade respectively stone with stability and durability, lamp pole is a convenient wood line, light bulb with energy

saving, etc., when the light, through stone mapping, and soft light effect, for even a cup of tea at night also want to create a soft aesthetic implication wit by Figure 6.



Figure 6. “Mountain Residence in Autumn Night” Tea Culture Stone Furniture Design, Author: Han Zhuohong, Instructor: MAO Yang (“Mountain Residence and Autumn Night” Tea Culture Stone furniture Design, Author: Han Zhuo hong, instructor: Mao Yang).

In this design, the author draws the following conclusion, the color, texture, shape of stone has also become an important factor for the designer. For example, black stone is often used to make modern furniture with simple elements and smooth lines; white stone is more often used to make traditional furniture, showing a simple and elegant, cool and quiet mood. In addition to the desktop, the texture of stone is also widely used in the detail design of furniture, such as stone columns, stone carvings, hats, couplets and other parts, to create a calm and solemn atmosphere. At the same time, the stone is also applied to the furniture embroidery pier, stool and other small pieces, adding a calm, tea culture flavor for the furniture.

At the same time, as a durable, beautiful material, stone is widely used in the design of traditional furniture. At the same time, tea culture is an important part of Chinese traditional culture, which has a natural connection with the stone material. In the traditional furniture, the stone material is generally used in making the desktop, cabinet body, base and other parts of the furniture, among which the most common is the desktop of the stone material. Because of its plain, natural and strong characteristics, the stone desktop is widely used in the display, tasting and production process of tea sets. At the same time, the texture, texture and other characteristics of the stone material also coincide with the pursuit of nature, simplicity, simple and elegant in the tea culture [7].

Stone material and tea culture elements are the indispensable elements in the design of traditional furniture. Through its natural, simple and elegant characteristics and the tacit cooperation with the tea culture, it creates a unique cultural atmosphere for people. At the same time, stone can also reflect people's concept of life and their interest in interior decoration and garden design. For tea furniture, the use of stone can create a sense of natural atmosphere, which is the artistic conception of "the unity of man and nature". In the interior arrangement of the tea space, the natural landscape images such as flowers, rocks and water system are complemented with natural and simple stone texture, and an independent artistic conception of tea drinking is produced from these virtual and real pictures. Return to the simple pursuit of tea ceremony, and combine with other ceramic tea sets with traditional Chinese charm, to create a warm and elegant space for drinking tea.

4. Conclusions

The application of tea culture in furniture design is very important. It can bring unique artistic charm to furniture, and can enhance the cultural value of furniture. Therefore, we should make full use of the advantages of tea culture, explore its essence, material, humanity and practicality, and integrate it into furniture, life and

aesthetic, so as to promote the development of furniture industry. This can not only enhance the cultural value of furniture, but also break the traditional industrial thinking and provide consumers with more choices. Emphasize the importance of multi-culture, integrate it into daily life, build a bridge between tradition and modern technology, and create a new furniture industry full of Chinese characteristics. At the same time, stone, as a kind of natural material using new processing technology to bring a new look to stone furniture. Fully display the natural properties of stone in design will greatly improve the cultural taste of stone furniture, enhance the market competitiveness of stone furniture, so stone material and tea culture elements in the application of traditional furniture design has a close contact, their fusion can not only reflect the furniture of natural, plain beauty, also can reflect the tea culture advocated by etiquette and fun. In the future design and production of traditional furniture, we should further strengthen the in-depth research of stone materials and tea culture elements, so as to better reflect the connotation and essence of Chinese traditional culture .

Conflicts of Interest

The authors declare that there is no conflict of interest regarding the publication of this article.

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