

The Expressive Study of Chinese Traditional Patterns on Modern Utensils

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Abstract: The traditional combination of Chinese traditional design and modern design not only embodies the charm of traditional art and culture but also reflects the uniqueness of modern design. With the development of society, the evolution of science is also evolving. As an art form, the traditional graphic has its own order and law, the most prominent of which is the symbolic features. Graphics originated from painting, its timeliness in the process of information transmission is also much more direct than the text information. In ancient times, people had understood how to integrate their own notions of consciousness into abstracted graphics to express rich meanings. Under this basis, this paper integrates the data mining models to present the novel design pattern that will promote the further development of the related industries.

1. Introduction

The basic function of graphics is to convey information as a product of culture and the arts and embody the cultural and artistic features of different social strata of traditional culture, folk culture, national culture and religious culture, embody the aesthetic and aesthetic differences between ancient and modern Chinese and foreign countries, Diversity. Graphics in the form of information dissemination of scientific systems, known as “visual communication design” or “information design”, information graphics will be the inevitable trend of development. With the development of society, the evolution of science is also evolving. Graphic performance and communication showed a more diversified and personalized trend. Totems and petroglyphs are the early embryonic forms and origins of modern graphics. Through their development and changes, they have produced signs and symbols with auspicious meanings, totems, patterns, descriptive and identifiable signs. Graphics in the development process to retain and extend the information to convey and record information functions.

As we all know, China's traditional culture is extremely rich, especially in the traditional graphic arts. Whether it is early pottery art, Qin brick tiles, traditional calligraphy, or later Chinese characters, wishful and carving, the traditional graphics are integrated therein, forming its own distinct graphics and decoration. With the development and progress of the society, the traditional graphics have not been submerged by the tide of the times. Instead, the traditional graphics are continuously updated and integrated with various contemporary art forms. Chinese traditional graphics have been well inherited, but also enhance the combination of the art form of the cultural heritage, enriched its meaning and value.

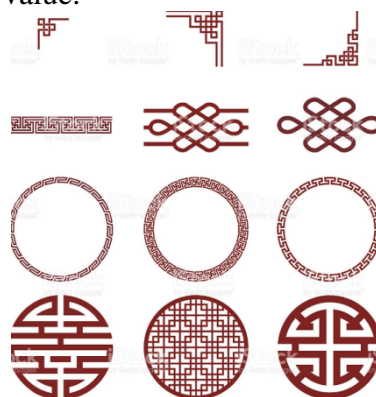


Fig.1 The General Topology of the Patterns

As one of the four ancient civilizations, China has a profound cultural heritage and a long history of culture. Many excellent art forms can be applied in modern life. Among them, traditional Chinese graphics have a long history and are an important part of traditional culture. It not only embodies the ancient people's advocacy of "harmony between man and nature" and "harmonious coexistence" thinking, reflecting the harmonious relationship between man and nature and rustic aesthetic concepts, but also for the modern brand design materials and creative inspiration. The traditional Chinese pattern mainly refers to the national pattern and style with obvious local characteristics on the basis of the pattern. Chinese traditional patterns are uniquely visualized cultural products of China. The traditional style of the national style, the visual product of such significance lies in the long tradition of cultural heritage, the meaning is often associated with some old legends and traditional Chinese auspicious patterns together. In the symbol design all manifested the traditional design importance to the traditional design nimble ingenious utilization, indicated traditional the pattern still existed, now this time main representative mark still traditional design, also is now the designer capture focal point. In the next research and the study will be supposed to emphasize is the innovation actual same theory deliberation union, if will let the designer feel the use tradition design in the creation process to carry on disseminates the special significance the importance, will not be able to bring the principle.

However also pauses to the Chinese tradition design deliberation in the initial beginning stage, causes the Chinese tradition design to extend, the making brand-new design form, must be everybody explores and also the pursue unceasingly. The Chinese tradition design culture essence as will use the innovation way by the conformity in the contemporary design that will cause the Chinese nation in the cultural spirit gathering trends in the world, also will cause the Chinese present age to symbolize the design will have a more intense influence. Therefore, we can understand from the following aspects.

- The traditional design element contains the moral of general deep-rooted, profound. In Chinese art and design, artistic conception is often regarded as the theme of art, and artistic conception in traditional motifs is obvious.

- Chinese traditional pattern art is extensive and profound, contains the complete pattern design law. It has important reference value to modern art design in China.

- In the modern art design, the traditional pattern has been an important part of its inseparable part. Traditional patterns have a long history and diverse styles. They both enjoy high artistic appreciation and cultural charm, both in the use of the pattern language or in expressing their meanings.

The traditional patterns are rich in content and variety and have the following characteristics: abstract use of figurative themes; composition emphasizes balance and symmetry; transformation is varied and chaos is orderly. Among them, the abstract use of figurative themes refers to the traditional patterns that are drawn from the traditional implements, utensils and animals and plants and so on, but in practical application is not restricted by the realistic forms of these things but aims at obtaining visual aesthetics and applying abstractly to enhance its artistic beauty that emphasis on balance and symmetry in the composition process indicates the artistic effect of pursuing decorative and organizational traditional patterns. Therefore, we summarize as the follows.

- Six Dynasties pattern: Buddha, flying, lotus, honeysuckle flower-based, after the development of the twists and turns. Representatives have Gansu Dunhuang Thousand Buddha Caves, Shanxi Datong Yungang Grottoes, Luoyang Longmen Grottoes and so on.

- Song and Yuan Dynasties motifs: simple, elegant, beautiful decoration mainly as the magnificent but not as good as the Tang Dynasty, but not clean and pure Tang Dynasty can and. Lotus pattern is the main material of this period.

- The pattern in the Warring States period, bronze ware, lacquer represented, jade, embroidery and other patterns. The figure pattern is not much in the ancient lacquer, but it is very wonderful, most of which is the character of the social customs and myths and legends at that time. It reacts to a strong atmosphere of life and an unforgettable mood. It is of great artistic value.

- Simple and pure primitive society period pattern, primitive society period is represented by

color pottery pattern as main adornment is in color pottery, black pottery and printing grain. Secondly, plant and animal patterns are rare. The material of adornment comes from the daily life of working people as the general figure is concise and forceful, pay attention to symmetry that be full of feeling.

The traditional combination of Chinese traditional design and modern design not only embodies the charm of traditional art and culture, but also embodies the unique beauty of modern design. Through effective modern design, people can feel the ancient charm of Chinese excellent culture from modern design as well as feel unique Modern design culture, but also improve people's modern design level, but also enrich people's content of modern design, improve people's aesthetic ability of modern design art, but also promote the further development of modern design. At the same time, the application of Chinese traditional patterns in modern design is conducive to the transmission and dissemination of Chinese traditional culture. However, with the development of the times, Chinese traditional culture has also suffered more bad influences, so in order to make Chinese traditional culture better inheritance and the development. If the traditional Chinese patterns are fully infiltrated into the modern design so as to effectively improve the quality of modern design, this not only makes modern design popular, but also has been well developed and disseminated.

2. The Performance of Chinese Traditional Patterns

2.1 Chinese Traditional Graphics

Chinese traditional graphic refers to the decorative patterns of traditional Chinese ceramics such as bronze, jade, lacquer ware, printing and dyeing, embroidery, stone carving, brick carving, wood carving, gold, silver and mural painting. These figures are all ancient skilled craftsmen in the actual life of the extracted, with rich content and unique artistic value, is a symbol of Chinese culture and pride.



Fig.2 The Advanced Pattern Demonstration

As an art form, the traditional graphic has its own order and law, the most prominent of which is the symbolic features. Taking the ancient Taiji pattern in China as an example, it can be called the oldest conformal figure in China. Conformal graphics mainly refers to a combination of images with different attributes to express certain thoughts and associations, and a graphical style that reflects the related meanings and symbols. The common or shared line is usually centered on the symmetrical layout with a symmetry up and down, left and right, or both inside and outside. Such as round, square, etc. have a certain organizational unit, suitable for a certain shape, which is conformality. It is not only a symbol of perfection, eternity, change and unity, but also is widely accepted as a psychological schema. If this traditional graphic is perfectly combined with modern graphics, it must be able to provide modern design Provide a lot of reference.

Graphics originated from painting, its timeliness in the process of information transmission is much more direct than the text information. In ancient times, people had understood how to integrate their own notions of consciousness into abstracted graphics to express rich meanings. This is evident from the Neolithic pottery. For example, the application of the point. At that time people in order to prove a happy life, they painted in the painted pottery concentric circles a point. In addition, the line is also widely used. More than just the Neolithic, in earlier Paleolithic times,

people began to carve beautiful, simple lines on the bone. With the development of the times, the application of the line is more extensive. People began to combine the straight line with the curve to create a variety of geometric patterns. It is not difficult to see from these aspects that the traditional Chinese graphics have distinctive indirect characteristics. The application of this feature in modern graphic design can imply rich meanings in the simple style and find an effective way for the graphic internationalization.

2.2 The Nationality of Chinese Traditional Patterns

As early as the Paleolithic era, humans started to paint on caves and rock walls with branches or stones. This approach is the need of their notes, but also an effective way to exchange information and communicate with each other. Due to the geographical area of living and the way of living, people have different understandings of specific figures. However, one thing is consistent. All of these come from the social life of this nation and have distinctive national characteristics. In the current diversified world, if modern graphic design needs to establish its own position, the national character of the graphic will be a huge support. Therefore, how to apply our traditional graphic with distinct national characteristics to modern art design is an inevitable reflection on the development of modern art design.

2.3 The Application of Chinese Traditional Symbiosis Graphics in Modern Brand Design

From the development of traditional art, we can see that it is the long-term accumulation of national history that gives the spirit and connotation of the traditional Chinese symbiotic graphic. These spirits and connotations are the traditional Chinese culture as well as the soul of the national form. Therefore, in the design of modern brand logo, in order to better exert the function and effect of Chinese traditional symbiosis graphics, we should give consideration to the shape and spirit of these symbiotic graphics. Instead of simply copying and using traditional symbiosis graphics, it should be based on the concept and requirements of modern brand logo design. Based on the understanding of traditional symbiosis graphics and using modern aesthetic concepts, appropriate Apply, refine, transform the elements of the traditional symbiotic graphics, thus giving its distinctive characteristics of the times.

In the design of modern brand logo, the expression of traditional symbiosis graphics can also be applied to express the national personality and design concept. For example, when designing the Chinese-Taiwanese logo of Phoenix Satellite TV, it applied to the abstract symbiosis of phoenix and phoenix in painted pottery, showing a profound cultural connotation. To Phoenix blend blending image as a platform, in the middle is a gaze of the world's eyes. Phoenix is like the Chinese traditional totem dragon, it is also a deified national totem.

2.4 Symbiosis of Traditional Symbiosis Graphics

In isomorphic symbiosis graphics, common parts of the same species can be applied, and isomorphic symbiosis can be achieved through simplification and overlapping. Generally speaking, you need to use the same species, the same movement of objects for homogeneous symbiosis. In such traditional symbiosis graphics, in addition to being able to achieve less than a few effects, it is also possible to create a false sense of motion of the object by guiding the viewer to move the visual center point. For example, in the well-known Dunhuang Sanjiao algae well map, three rabbits showed the same running state, which shared the three ears, through the ear can share the same isomorphic refinement, so that the formation of rabbits linked up and down Chasing the image. At the same time the use of strong dynamic ripples, running on the state of the rabbit carried out a good show.

In addition, in the Ming Dynasty bronze Si Xiwa, a group of gas map, Han Dynasty's three fish were the first map, but also have good application. Parasitic symbiosis is mainly for the symbiotic form of character graphics, by combining several related characters, get a good symbiosis graphics. By reorganizing the characters with the same radical, we can get a new type of auspicious fonts, thus expressing people's yearning and longing for a better life. Among the traditional symbiosis graphics in China, they have the characteristics of being less victorious and get a good sense of

symbiosis through the comprehensive application of radical, radical, line surface and figure. In other symbiosis graphics, the symbiosis is not emphasized, but instead focuses on the symbiotic auspicious ideas and ideas in the graphics to form the graph with a brand new meaning.

2.5 The Expression of Chinese Traditional Patterns on Modern Utensils

The traditional design concept limits the enthusiasm of modern designers to learn excellent cultural literature. Although this traditional design concept can benefit modern designers, it also restrains the creativity of modern designers and reduces the interest of modern designers in the study of excellent cultural literature. The combination of Chinese traditional design and modern design has shown a new concept, which has greatly improved the creativity of modern designers.

During the Qing dynasty, people developed the traditional Chinese patterns to the extreme and were widely used in the embroidery, costumes and architecture. Today, we also apply traditional patterns to modern design, such as various kinds of trademarks. The school emblems of all universities apply the traditional patterns in our country. Therefore, as a modern design learner, want our country modern design occupy a certain position in the world design arena, it is inseparable from the innovative modern design. Therefore, we need to update the design concept and we must inherit the fine Chinese national pattern culture, but also to establish a sense of modern innovation, to achieve the traditional patterns and the integration of modern art, so as to inject new vitality into our modern design.

With the rapid development of modern science and technology, the modernization of design in our country shows a colorful face. The multimedia technology can assist the design of modern design culture and mobilize the enthusiasm of students to improve the quality of modern design. In this way, the means of modern design can be enriched, and the aesthetic level of modern designers can be improved, which is in favor of the inheritance and development of Chinese traditional patterns. At the same time, designers in the design of all kinds of modern, borrow some traditional patterns with Chinese characteristics to express the design of a certain emotion or thought, making the modern design work both modern and historical sense, making the modern design with a profound traditional Chinese culture to a larger platform.



Fig.3 The Finalized Design Pattern Demonstration

The traditional dragon pattern, phoenix pattern, moire pattern, fish pattern and so on are the traditional patterns of our country. These are all the traditional Chinese culture after a long historical process, and gradually form the traditional Chinese characteristics of graphics and decoration, if the will These rich design with Chinese characteristics into the modern design, then the modern design will have a strong sense of history. So that the boundless charm of modern design can enhance the visual perception of people as well as cultivate the taste of art so as to achieve the goal of inheriting and promoting traditional Chinese culture. This will certainly allow the flower of modern design culture to bloom unique Chinese ethnic customs on the stage of world modern design art and promote the integration of Chinese traditional patterns and modern design so as to promote the inheritance and development of Chinese excellent traditional culture.

For the construction of the team of designers, the traditional Chinese pattern culture is very

important in the process of designing and training designers. Therefore, while attaching importance to the reserve of designer's professional knowledge, it also requires the designers' traditional Chinese pattern quality. Designers can be based on the actual situation of modern design to better integrate the excellent culture, which will help cultivate the designer's outstanding traditional culture, which is very important for the designer. Designers in the design of excellent culture to find art, to understand the meaning of modern design, making the designer's artistic quality has been greatly improved. Making China's modern design better carry forward China's outstanding traditional pattern culture and art, forming a unique national art feature and adding luster to world art.

3. Conclusion

The organic combination of Chinese traditional pattern culture and modern design has made Chinese traditional culture in modern design strong. In this way, people can not only enhance people's appreciation ability of modern design art, cultivate people's healthy aesthetic taste, improve aesthetic ability, but also help people to become mature modern designers and greatly improve people's artistic accomplishments. Form a traditional Chinese pattern culture, respect the achievements of traditional Chinese culture, promote the all-round development of modern artifacts, and at the same time promote the inheritance and development of China's traditional culture.

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