

Research on the Application of Traditional Straw Weaving Art in Contemporary Furnishing Design

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Abstract: Grass weaving has gradually become a common art form in our home life. It combines a variety of artistic means, reflected in the shape, color and adaptability to the home space environment. There are many kinds of straw weaves and their colors are changeable. The products produced are beautiful, which highlights the unique aesthetics and superb artistic expression of the ancients. Based on previous studies, the article comprehensively expounds the historical source, characteristics and application forms of straw weaving, so as to show the unique charm of manual straw weaving art, aiming to arouse people's attention to the integration design of traditional handicraft and modern space furnishings, and further explore the artistic expression forms and application values of space furnishings.

1. Introduction

Grass weaving has gradually become a common art form in our home life. It combines a variety of artistic methods, which are reflected in the shape, color and adaptability to the home space environment [1]. Straw weaving is a traditional handicraft of straw weaving in our country. It mainly uses some flexible straw stems or some herbaceous plants as raw materials to make simple daily necessities and handicrafts. Grass weaving in our country originated very early. Paleolithic grass weaving has been used in hunting activities. People use the bast of plants to weave net bags, throw stone balls and strike their prey. At the latest in the neolithic period, straw has been widely used in people's production and life [2]. Some of them were dyed in various colors, grass was woven into various patterns, and some were printed with decorative patterns. These straw-woven utensils are both economical and practical, and beautiful and generous. Nowadays, with the background of large-scale industrial mechanization and the promotion of low-carbon living concept, people are gradually paying attention to them. People are beginning to re-recognize the value and significance of straw-woven art [3]. Straw plaiting is regarded as one of the oldest manual skills of human beings. Apart from the function of daily clothes, there are hundreds of styles. This article discusses this meaningful topic from the following aspects: the origin of handmade straw weaving, its artistic characteristics, its specific application in modern space furnishings and its artistic value.

2. Traceability and Characteristic Analysis of Manual Straw Knitting

2.1 Tracing to the Source of Manual Straw Weaving

Fabric is an important creation of human civilization. Human beings use them to wrap themselves up against the cold, decorate their homes and offer sacrifices to their totems. In the long-term survival, we construct the human afterbirth and form the human self identity [4]. Primitive human beings, inspired by the survival activities of spiders, birds and other animals, discovered that long ribbons can be used for straw weaving, thus giving birth to the earliest and simplest straw weaving skills of human beings. The straw weaving techniques in the pre-Qin period are often found in the literature records, and the usage of bamboo mats and baskets is mentioned many times in the book of rites. From the Han Dynasty to the Tang Dynasty, straw weaving utensils appeared successively in many places among the people, including places where straw baskets are specially made and places where straw mats are specially made. However, the raw materials, straw weaving

techniques and product types used in different places are different. The straw-woven utensils of this period have formed a natural and plain overall style, with more diversified, exquisite and mature techniques, and their types and characteristics are basically shaped [5]. Many archaeological discoveries show that hemp fiber straw fabrics appeared in our country about 6 or 7,000 years ago, which shows that human beings could use their own hands to process wild plant fibers into cloth and began to get rid of the primitive obscurantism and enter a new stage of civilization.

The ancient Nile and the two river basins also gave birth to the earliest straw weaving skills of mankind. As early as around 5000 BC in Egypt, exquisite baskets appeared. In addition, in the high mountains of the remote Andes, the ancient North American Indians also expressed the poetic mood on their baskets with an eternal emotion [6]. The use of straw weaving tools in the Ming Dynasty can be seen in the book "Ancient and Modern Illustrations of Heavenly Creations and Creations". From the illustrations "Fan Cars" and "Flail Beating Drawings", we can see the baskets, dustpans and other straw weaving tools used by farmers in their work. After entering the modern age, straw weaving utensils as daily necessities of Hakkas have made greater development. In some areas, such as Yangjiang, Shaoguan, Dongguan and so on, there are some large-scale straw weaving factories. By the mid-1990s, private companies gradually replaced collective processing enterprises in the straw weaving industry. The ancient traces of manual straw weaving can be described as spreading all over the world. After thousands of years of long years, most of the early human straw weaving has vanished, but the inherited straw weaving skills have always accompanied the development of human civilization.

2.2 Analysis of the Characteristics of Manual Straw Weaving

2.2.1 Handmade Straw Plaits Are Made with Simple Tools, Reflecting the Idea of Handwork

Just as Japanese folklorist Liu zongyue said in his book on folk arts: craftsmanship is always closely linked with the heart and makes the production directly linked with people. As a result, people abide by morality in making products. The exquisite straw weaving skills inherited by folk craftsmen not only reflect the rich regional characteristics, but also reflect their traditional cultural concepts and philosophy of life. Straw weaving is mainly produced by semi-mechanical and semi-manual methods, and new equipment and processes are adopted to draw lessons from and create new techniques and new methods. At the same time, many straw weaving enterprises have increased investment and strengthened scientific and technological innovation. The straw weaving process can produce subtle color changes through different proportions of dyes, which is interesting [7]. In ancient China, the ideology of "harmony between man and nature" emphasized the harmony between man and nature, and advocated the liberation of human nature and its return to nature. Straw weaving was exactly in line with this traditional Chinese concept. What is more rare is that this kind of production has brought a lot of joy. Only the joy of such people can produce the great power of beauty. The straw weaver makes it through a lot of accumulation, and her creativity, skill proficiency and emotional input will all show up in her works. This is a visual display of the producers' comprehensive abilities in a certain period of time.

2.2.2 The Materials That Can Be Used for Straw Weaving Are Extremely Extensive

For example, the most common natural plant fibers such as cotton, hemp, bamboo and other natural animal hair fibers, all kinds of silk and other animal gland secretion fibers and other traditional straw weaving materials. People in different regions have a wealth of traditional straw weaving skills with local characteristics. Modern manual straw weaving is willing to use a large number of chemical fiber materials, such as various artificial fibers, synthetic fibers, synthetic materials, etc. Although straw weaving is made of simple materials, the weaving process is very complicated. From wheat straw to a finished product, it can be roughly divided into more than ten processes such as straw picking, straw soaking, bleaching, dyeing and straw weaving. Folk artists continue to study and innovate on the basis of traditional straw weaving, combining the creation of straw weaving with China's traditional culture and fine arts painting, and creating ten series of straw weaving arts such as unique straw weaving Peking opera facial makeup system, fashion, screen,

straw weaving idioms and allusions, decorative boxes, straw weaving architecture, straw weaving twelve zodiac signs, straw weaving traditional Chinese painting, straw weaving Christmas gifts, straw painting, etc. There are many procedures for making daily utensils of Hakka traditional straw weaving. Forage used for straw weaving goes through five procedures, including material selection, solarization, disinfection, dyeing and weaving. Straw weaving methods include plait, buckle, cross weaving and flat weaving. Under the influence of contemporary art movements and design concepts, the ever-changing artistic forms, together with the continuous updating of materials and the innovation of techniques, will surely expand the scope of manual straw weaving.

3. Application of Handmade Straw Weaving Art in Modern Space Display

Generally speaking, hand-made straw weaving can be roughly divided into four categories, namely, carpet weaving, knitting, basket weaving and knitting. Various straw weaving forms, such as various woven blankets, straw weaving curtains, straw weaving furniture, lamps, furnishings and so on, display their own personalities with their strong charisma in space furnishings.

3.1 Carpet Weaving Technology and Its Artistic Expression in Space Furnishings

The carpet weaving process uses the warp and weft straw weaving method, i.e. the longitudinal warp is fixed with the aid of a frame with a certain height, and wires such as wool, cotton fibers and the like are woven transversely as weft threads and are manufactured through staggered arrangement and combination of linear materials. Straw crafts can not only meet people's aesthetic needs, but also will not cause harm to human body. It can be said to be the best choice for bedroom. Therefore, straw-woven furniture products, straw-woven lamps, straw-woven wall decorations, etc. can be used in bedroom decoration. Weaving blankets can be divided into weaving blankets and planting woolen blankets. The main techniques of weaving carpets are “dredging channels and breaking weft”. The most typical carpet weaving techniques are European “Koppelin” and “Aubisson” techniques, which are similar to those of our country [8]; In modern indoor homes, it is popular with people for its simple colors and soft texture. Grass weaving elements cooperate with other materials to create a unique home environment. In addition, there are also some straw objects that are traded as arts and crafts. Their materials are more exquisite, and their workmanship is fine, with higher aesthetic value. This method is visually active, and the straw weaving technique is also the most exquisite, which fully reflects the remarkable characteristics of straw weaving in Jiadong region. It has the functions of shielding, absorbing sound and keeping warm in the environment. Because woven blankets are generally large in area, colorful and of different shapes, it is easy to contrast the overall style when they are decorated on the wall and paved on the ground, which is also one of the magic weapons for designers to quickly shape the indoor furnishings effect.

3.2 Hand Knitting and Its Artistic Expression in Space Furnishings

Grass sofa is more peaceful and natural. Secondly, it is a decorative object composed of multi-functional combination cabinets or wall decorations and furnishings, thus increasing the layout environment of the living room. Hakkas straw-woven utensils are usually made of pure straw, with good toughness, good ventilation and air permeability, but not waterproof and dustproof. The combination of other materials with straw-woven utensils can not only expand the types of straw-woven utensils, but also play a decorative role. Chinese culture is extensive and profound, and its mysteries are endless. Screen is an indispensable furnishings in ancient home environment. Generally, furnishings are used in living environment. Their main function is to divide the living space, beautify the living environment and coordinate the indoor environment. The modern manual knitting art form is relatively flexible. Hook fabric is attached to a certain frame to create a two-and-a-half-or three-dimensional shape. In the color design of the living room, it is mainly to highlight the main colors, coordinate the relationship between various colors, and use various characteristics of colors to create the atmosphere required by the living room style. This requires that when selecting furnishings, they should be integrated with other items in the indoor environment in terms of shape, material, color, etc. [9]. For example, ceramics have a sense of simplicity, wood has a

sense of warmth, and metal has a sense of modernity, but some materials also have certain commonness. Therefore, in the innovative design of straw-woven utensils, we should choose the materials that are consistent with the established design style and seek common ground through differences.

3.3 Basket Weaving and Weaving Techniques and Their Artistic Expression in Space Furnishings

Basket weaving is widely spread among the people. It is the most primitive and rhythmic form of straw weaving. The ancient basket weaving process contains many basic principles of straw weaving and weaving skills. The texture form composed of the most simple cross lines and reticulate lines conveys a balanced and orderly formal aesthetic feeling. In the restaurant environment design, the effect of its environment on people's psychology is very important. In addition to the psychological effects of visual space, hearing, smell, touch and body feeling also have obvious psychological effects on space. The auspicious traditional Hakka patterns can be integrated with fashion trend patterns, and different types of patterns can be represented by abstract, simplified and exaggerated methods, and combined with various color matching schemes to redesign traditional folk decorative pattern elements. The application of basket weaving technology in the design of lamps and lanterns can not only make itself have certain heat dissipation function, but also skillfully create a space atmosphere with flickering light and shadow. In dyeing, attention should be paid to the ratio of dyes and the complementary relationship between colors and colors. Complementary colors can be used to enhance the contrast and highlight the attributes of color in straw weaving process. In terms of bearing capacity, double warp or multiple warp can be used to increase the strength of straw weaving. In the design of outdoor furnishings, bamboo, rattan and other materials are used to weave the ceiling and wall into a transparent space, which not only reflects the natural and ecological characteristics, but also creates a transparent artistic effect.

4. The Significance of Handmade Straw Weaving Art in Space Furnishing Design

In recent years, the design and art circles have paid more attention to traditional handicrafts. In the field of furnishing design, some "temperature" handmade grass-woven works of art or design works containing grass-woven elements are constantly emerging in various kinds of buildings, decoration materials exhibitions and international home furnishing exhibitions. Look around the furnishings, such as building skin, indoor and outdoor partitions, indoor furniture, lamps, fabrics, wall decorations, and other designs, are all made of straw. Applying the redesigned pattern to the straw-woven utensils as decoration can make the straw-woven utensils have different design styles. With the development of modern society, people's material needs have been basically met. Correspondingly, in a modern society with abundant material conditions, people's spiritual needs are increasing, which is also reflected in people's daily life. Placing such works in space furnishings is a silent speech, conveying the voice of the mind of the weavers to the viewers, thus activating the atmosphere of the architectural space. Secondly, due to the variety of manual straw weaving, it has strong adaptability to various building environments. Through the reasonable use of design languages of different materials, a more modern and diversified design style can be formed together with straw weaving. On the use function, it is beneficial to the healthy development of human beings. In terms of mental function, it creates an easy-going and comfortable mood for people.

As a special interface material, grass woven objects can create space situations and play a role in decorating, dividing and adjusting the space scale of building space. In addition, straw woven articles have both practical and aesthetic functions and can be displayed and displayed as independent works of art. The modeling psychology, color psychology, lighting psychology, etc. derived from this will have an effect on the indoor environment and thus affect the people in this environment. Through the analysis of other straw weaving products, we can learn from some of the design techniques, such as straw weaving storage boxes, and the simple straw weaving process reflects the simple and unadorned nature of straw weaving. The cultural principle is the characteristic of straw products. It is the product of human wisdom through long-term accumulation

of human experience. There will naturally be some cultural factors brought into the formation of straw weaving. Only by carefully reading and studying the cultural background at that time can we better understand the production of straw weaving products. The ancient and modern handmade straw weaving art is presented in the space environment with extremely attractive artistic forms, decorating people's lives and further developing in use.

5. Conclusion

To sum up, straw weaving is very popular in modern society, and it is also a kind of sustainable development material. It has very strong plasticity and is widely used in furniture design. Grass weaving art has many practical and appreciative values. It is not only the embodiment of working people's daily life, but also the continuation of historical memory and present-day inheritance. At present, with people's understanding of straw weaving technology and its market value, more and more people begin to like straw weaving products. All straw weaving works of art are widely used in home furnishings design, which is worth further research and exploration.

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