

## Research on Wood Art in Public Space

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**Abstract:** As one of the main media in public space, wood art plays an important role in public space. Starting from the wood art in public space, this paper discusses the wood art from the perspectives of culture feature, emotion feature, nature feature and technology feature and explores the intervention prospects of wood art in public space.

### 1. Culture Feature of Wood Art

Wood art has rich and powerful cultural connotation since ancient times. Intervention in public space further extends its cultural nature. The emotion conveyed by wood art is a reflection on the unique culture of contemporary society, reflecting that people have undergone tremendous changes in spiritual level and visual aesthetics compared with traditional wood art. It is a reflection of culture and a cultural phenomenon that conforms to the development of the times and meets people's spiritual needs. Wood art entering public space is an art derived from traditional wood art. It breaks away from the bondage of practical function and decoration, expands the aesthetic category of traditional wood art, innovates boldly through the natural cultural attribute of wood art, pays attention to the expression of the meaning of works, and thus caters to contemporary humanism. The creative connotation and spirit of wood art not only embodies the ancient national culture, but also receives the edification of modern and contemporary art, so that the cultural nature of wood art and public art can establish an interactive relationship. Wood art has unlimited cultural expression.

The concept of wood art emphasizes the artistic spirit of freedom and innovation as well as the connotation of works. It is far from the traditional pure wood art in the past. It forms an independent artistic language and expression way, and becomes the artist's artistic carrier reflecting society and ideas. Wood art gradually tends to be abstract and philosophical in terms of the expression of essential concepts. In this way, on the one hand, artists are required to explore the form of wood art in depth in order to better convey the thinking of the real culture. On the other hand, wood art should be closely linked with the public, because artists want to express it. The idea is not that artists can do it alone, but must be done through the public.

### 2. Emotion Feature of Wood Art

Wood art in public space, is the artist in the natural materials and modern art concepts on the basis of organic integration, wood as a material, into modern life of the plastic language. The rich and multi-dimensional modeling of wood art constructs different forms of public space at different levels, which attracts viewers' attention. Meanwhile, the connotation of wood art also radiates the deep space and surrounding environment, which can better convey feelings and ideas. Whether it is realistic, abstract, storytelling or emotional rendering, conscious or imperceptible, wood art can be expressed with ease. "The reason why human aesthetic feeling is different from animal sensory pleasure is that it contains concepts and imagination. The reason why beauty is not a general form, but a so-called "meaningful form" is that it is a natural form that accumulates social content. Beauty is in form but not in form. Although there is no beauty without form (natural form), only form (natural form) is not called beauty." Therefore, wood has become the emotional carrier of works of art. The diversity and technological application of wood condense the crystallization of nature and the multiple wisdom and creativity of human beings. In the history of pursuing survival and creating civilization, human beings have gradually distinguished different aesthetic characteristics from wood. Artists are often

able to use these original natural materials and special processing to convey ideas and aesthetic feelings. They can also reveal the important changes in social life ignored by the public and the aesthetic fashion of modern people and inspire people. Their inner feelings make their aesthetic sense develop and develop. In public space, the application of wooden art enriches the urban space.

As a kind of language medium, wood shows incomparable advantages in public space, such as visual, tactile, auditory, olfactory and so on. Wood looks beautiful and touching. It feels soft and comfortable. It smells like nature. It sounds beautiful and beautiful. The color of wood is different, the color, luster and texture of the surface of wood will produce different visual texture, the brightness of the wood is generally yellow, giving people a bright and clean impression; and the dark wood such as rosewood has luxury and deep feeling; the low purity of the lignin has a sense of elegance and quietness; The high degree is gorgeous and stimulating. Bark and wood also have great differences in texture. With the growth of trees, the bark has been beaten by the wind and rain for many years, forming a rough, simple and primitive texture, while the wood is more compact, soft, clean and smooth, making people feel the nature while producing a sense of purity and elegance. Wood texture is rich and colorful. Wood has a variety of texture characteristics, such as fine muscle, thick muscle, straight wood, and corrugated wood and so on. Different wood texture will have different effects on people's psychological reaction. Some texture is rough, thick and rigid; some texture is delicate, light and soft. Wood texture becomes an decoration and internal consideration factor for artists when carving products. In the process of making, we can rely on the angle and direction of the carving knife. Similarly, it presents a graceful closed curve, and various abstract patterns emerge in endlessly. After careful selection, it can be used to shape different environmental atmosphere. For example, the work "The Story of Wrinkles" makes the best use of the decorative function of wood texture. Its regular texture presents twists and turns in the change of shape. It emphasizes the wood's own material quality and the appeal of the work, and becomes an indispensable spiritual embellishment in public space.

When people often contact furniture or wood products, different wood gives people different tactile and psychological feelings, including cold and warm feeling, rough feeling, soft and hard feeling, light and heavy feeling and so on. For example, rosewood, which has been called the "king of wood" by the world, is the superior wood for making furniture, like other hard wood. It can be used to make all kinds of Chinese furniture. The furniture made of rosewood, when carved, uses light element technique to make the furniture appear stable, elegant and beautiful, giving people stability and stability. The deep-rooted classical charm of red sandalwood furniture is also reflected in the modern environment. For exquisite production, unique technology, natural texture of red sandalwood furniture, can be placed in any pursuit of the environment, people in the aesthetic at the same time selective selection of red sandalwood furniture, utensils, combined with the ground, walls to highlight the overall environment of dignified, quiet, elegant and restrained atmosphere. And the effect of furniture made of rosewood is different. If rosewood furniture is noble in all furniture, then yellow rosewood furniture is gentleman. Huali furniture, which is rich in color, clear and beautiful texture, has the unique luster and texture of precious hardwood. No matter how dark or shallow the color is, it will not give people pressure. It is mild, restrained and not publicized at all. That is to say, it demonstrates the luxurious and elegant character at the same time. Furniture making takes on a natural form on the surface, edges and edges of furniture due to the constant acceptance of air oxidation, hand touching and wiping of rags. All kinds of furniture will appear this phenomenon, but Huanghua pear furniture is bright in color, showing a transparent visual effect, which is more popular.

Wood is spiritually beautiful, because of its sound resonance. There are many wooden instruments in China. Most of them are made of wood. They are not only used to play music, but also to express feelings through the integration of human and nature. For example, the ten-sided ambush played by Pipa simulates the typical sounds in ancient wars, such as bugles, guns and horseshoe sounds. Through the changeable performance of its wooden pipa, the dramatic effect is strong. It vividly shows the magnificent pictures of military barracks such as forests, drums and iron riding on the ancient battlefield, thus showing the Han army. A strong military presence. The traditional music of

the Yi people is directly in contact with the wood. People tap the wood, and their footsteps, songs, and sounds of hitting the wood are combined rhythmically to create a happy atmosphere.

### 3. Nature Feature of Wood Art

Wood is regarded as one of the "five elements" that constitute the material world in China. Wood is a kind of material with long history and great potential. Today, artists use wood as a medium to express their ideas, expressing the similarities and differences of ideas through the differences of wood, so as to give full play to the aesthetic feeling of wood. Wood is a kind of pure natural material. There are many kinds of wood. Different kinds of wood usually have different structures and properties. According to its carving materials, ingredients can be divided into hard material, neutral material and soft material. Hard wood varieties such as rosewood, jujube wood, black chicken wings, etc. This kind of wood is hard, fine, tough, smooth cut surface, high stress strength, good shrinkage, not easy to deform, to achieve oil but not greasy, hard and not brittle, is a good material for wood carving, this kind of wood is suitable for rough carving, but also suitable for fine carving. The color texture itself varies greatly and forms naturally; the neutral wood is also the ideal wood, its texture is relatively fine, the wood grain is even and compact, like camphor, sandalwood, Nanmu, etc. The soft wood is soft, the wood grain is even and loose, like pine, poplar, basswood, etc., the wood is not compact, the proportion is lighter. Different areas of wood will also show different wood color differences and changes.

Wood structure is formed naturally in the process of tree growth, and its structure can be analyzed from the vertical and transverse sections of the trunk. Bark is the phloem layer that protects the growth and development of trees. The bark of mature trees includes endothelium, periderm and epidermis. The endothelium has physiological function during the growth process of trees. It has soft texture, more water content and lighter color, while the outer bark is dead tissue which loses physiological function. Its texture is harder, less water content and darker color. Most of them are gray-brown or dark-brown, but they vary with tree species, tree age and location. The common colors are grey-white (such as birch), turquoise-green (such as plane), yellow-brown (such as sandalwood). Even in other countries, even bark can make fine furniture. Cork is one of the magical materials in nature. It comes from a kind of bark. People peel the bark off the bark and then spend nearly six months drying the bars. Contemporary designers use this unique material to make modern furniture.

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In the process of wood growth, due to the influence of external factors, there will be abnormalities in various tissues, such as the bending of tree trunks, structural striations, twills and abnormal sediments. Some of these abnormalities of wood are normal physiological phenomena, such as knots, which are called natural defects of wood. Knots can be divided into Easter, Dead and Leakage knots. Artists can make full use of the defects and characteristics of wood to create works, making them irrepealable and unique.

The texture of wood is rich and varied, and the texture of different wood is different, that is, the same wood, the texture of different locations is also different, which can be divided into reverse, twisted, speckled, cherry and transverse. According to the texture properties of concave and convex shapes, the texture produced by convex shapes becomes concave, and the texture produced by

concave shapes is called inversion. Convex shapes produce texture that enlarges one circle by one circle from the low points of high points, while concave shapes produce texture that reduces one circle by one circle because of the interaction of fibers. Wood texture formed by interweaving and interpolation is characterized by a variety of texture changes. Due to the interweaving of fibers, under the irradiation of light, the fibers along the light will produce a strong reflection, forming a light layer, while the reverse light will produce absorption phenomenon, forming a dark layer. It is precisely because of the properties of wood, including the shade of color, the soft and hard texture and various shapes, as well as rich texture, that makes the works of artists have unique expressiveness and appeal.

#### **4. Technology Feature of Wood Art**

Wood has a strong plasticity. Artists can create unexpected works by means of knives. The outlines of the types of knife methods are amazing, such as cutting, splitting, shoveling, cutting, cutting, chipping, digging, picking, scraping, tormenting, pressing, tearing, cutting, sawing and so on. In the form of wooden art, it is rich and varied. Embossment is a common form of wood art, which is to highlight the content of the wood. Its carving techniques belong to "Yangwen", and try to show the three-dimensional sense of the theme. Embossment can show complex and vivid scenes, giving people a fascinating feeling. Permeable carving is a process of carving holes with wire saw blades on wooden boards and applying plane carving. It is a unique form of wood art. Because of its hollowing, it can make people see patterns strikingly and form a unique style of carving art, which is very decorative. The natural three-dimensional round carving is an independent existence. In the works of art, woody artists express their inner feelings and thoughts through the interaction between woodiness and many forms of expression; shallow carving carves shallow, concise and lively line patterns on the board, belongs to the shallow carving techniques, with elegant and simple artistic effects, and it shows a wide range of patterns, and it also has a wide range of artistic effects. It is rich in content and suitable for decoration in large area. They not only create a variety of extremely rich types of knife engraving methods, but also emphasize the performance of the walking knife: floating or dignified, or slow or smooth, or rough, or calm and delicate, reflecting the author's mood and personality in speed and strength, and making each knife and chisel have an independent aesthetic significance. And not only depends on the performance of the form.

Whether in ancient times or today, the sculpture process is the same, but the wood artists emphasize some aspects of the production process, highlight the artistic flavor of the work, and give the work a humanistic flavor. Wood sculpture has traces due to the impact of tools and materials, including saw marks, axe marks, knife marks and so on. The traces are divided into shape, size, direction, fluctuation, rhythm and intersection. Usually, the traces will be retained in all parts of the model. The purpose is to increase the surface decoration of the model, create an atmosphere and avoid the simplicity of the model. Tone, at the same time, can be compared with other parts, highlight the key parts; can increase the atmosphere and artistic conception of the work. Because wood has such a rich artistic language, wood artists apply the beauty of wood to their works in order to create a variety of works. The form of this wooden work is different. The author uses different knife arrangement to form a comparative texture effect of knife marks. The overall shape shows a varied sense of rhyme, which has strong appeal and visual effects.

#### **5. Conclusion**

As a form of language, wood art has become an indispensable visual element in the construction of public space art, and is increasingly favored by people with its unique attributes and aesthetic significance. This is due to the naturalness and Emotionalization of wood. The tranquility of wood can ease the pressure of modern people. Transforming and beautifying the living environment of modern people has expanded the form of wood.

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