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Construction of form and the expression of imagery in interior design

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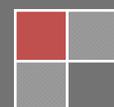
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ABSTRACT

With the development of the era and the continuous improvement of people's living standard, nowadays, the living space and environment increasingly become the focus that people concern. Among them, in the domain of life and environment, household design is the part having the most closely relationship with people's life. Therefore, the related details of the indoor design become the topic taking people's delight in talking about. All interior designers go into action to seek for the form which constructs a unique style and taste in interior design and a variety of ways and means to express all kinds of harmonious and aesthetic imagery. This article will briefly analyze the related issues about the construction of form and the expression of imagery.

KEYWORDS

Indoor design; The construction of form; The expression of imagery.



INTRODUCTION

Interior design is the harmony and unity of collocation among the space form, color, light and material. Interior design is a service industry of practical art, and the designers provide the clients with not only a set of drawings, but professional knowledge and systematic service. As the modern architectural form becomes more and more free and the indoor decoration method is increasing novel, the interior space increasingly shows a variety of forms, which also puts forward a new challenge for the interior designer at the same time. In the process of designing, the designers should fully consider the actual demands and specific requirements of different customers, and on the basis of meeting all reality functions, construct the form reasonably, and express the space image full of artistic aesthetic feeling.

THE FORM AND IMAGE IN THE DESIGN

Designers are always sensitive to all kinds of exquisite organizational structure, and exercise their inventive mind to construct a variety of art forms. For example, in the furniture designer Bruce Liu's view, the ancient design of bench comes from the Oriental culture, and from the perspective of modern engineering structure, there is the rationality of the existence, while measured by aesthetic standards the form of bench is also slender and meaningful. The designer used the western geometrical form to interpret the simplest Oriental philosophy, and modified and reorganized this kind of classical masterpiece. The designer finally adopted the way of reducing the length of the two legs to make the bench "born again" in the pyramid type. Therefore, users can slide and split the pyramid to form all kinds of superposing way and transform different forms according to their actual needs shown as Figure 1.

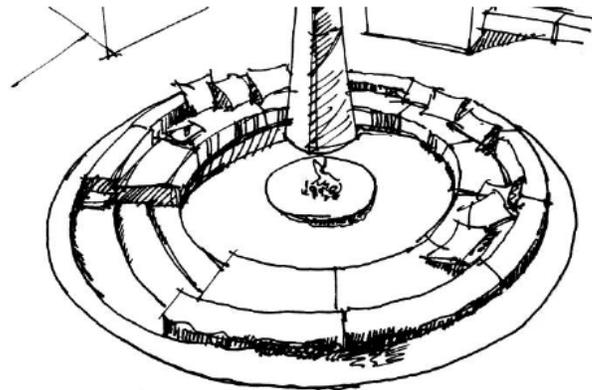


Figure 1 : The form and image in the design

The image modeling is always the rule of the art followed by artistic creation, which is neither the concrete reappeared completely objectively nor the abstract completely separated from the object, but the image between "similar and not similar". Designers use the imagery thinking to show the spirits of the outside of the object and the charms of the "similar and not similar", and turn the ordinary natural form into imagery art form, which make the viewers admire and enjoy with significant meanings. Then, through a variety of artistic designing and with the help of different media, designers show their ideas and inspiration about the nature, the world, and the life, express the intuitive comprehension about the meaning and the wisdom of life, become one of the bright people who construct the world's multiculturalism. All kinds of mysterious visual meanings transcending the secular form have the unique artistic charm.

THE CONSTRUCTION AND EXPRESSION OF THE FORM AND IMAGERY IN THE PROCESS OF INTERIOR DESIGN

Interior design is a very important type of artistic designing, and is closely related to people's daily life. In the process of interior designing, designers will combine the actual situation of different buildings, including the environment and the standard and the using properties etc., start from the perspective of architectural aesthetics etc., and adopt comprehensively all kinds of material and technical means to create a comfortable, beautiful and practical indoor environment for people. The interior design in China has experienced a long development and evolution, and presents different characteristics in different phase, which can be seen in TABLE 1. All kinds of traditional local-style dwelling houses in China, for example, the Siheyun of Beijing, the mountainous dwelling in Sichuan, the "one printing" in Yunnan province, the courtyard of Shanxi, the Hakkas Earth Building in Fujian, the residential building with Ganlan style of the Thai nation, lanes and alleys buildings in Shanghai, etc., have extremely valuable references in the aspects of reflecting the architecture form and the indoor space organization in the regional culture and the design and decoration craft of building decoration.

TABLE 1: The development of interior design in China

Time	Features of Interior Design Features
Primitive society	The square living space in Xi'an Banpo Village -- the round living space -- primitive clan society -- the new Stone Age -- Shang Dynasty, the architectural space is orderly, rigorous and neat.
Qin dynasty, the Western Han Dynasty	E-Pang Palace, Moyang Palace.
Han Dynasty	Interior design and architectural decoration are closely linked to each other. The contents of interior design were involved in many literatures in successive dynasties, such as <i>Khao Kung Chi</i> , <i>Ziren Zhuan</i> , <i>To create French</i> and <i>Guard-building</i> .
Ming and Qing Dynasties	The furniture is closely related to the interior decoration and develops to a peak.

Interior design places people first, which can be divided into three layers of structure: the material form as the surface structure, the human activities as the middle structure, and people's idea and ideology as the deep structure. The perfect household environment is the harmonious and interactive unification of these three levels structures. In general, when designing indoors, designers need to follow the following basic ideas, as shown in TABLE 2.

TABLE 2 : The basic idea of interior design

Viewpoint	Main Content
Meet the needs of people and the human activities	Give people different feelings according to different people, different objects and different spaces.
Strengthen the concept of overall environment	Macro, medium and micro
Combination of the scientific feature and artistry	Attaches great importance to the scientific feature, artistry and the combination of them.
Pay equal attention to both the contemporary sense and the historical context	Planning the ideas, plane layout, and space organizational characteristics, and designing the philosophical thoughts and ideas.
Dynamic and sustainable development	The market economy and the competition mechanism are beneficial to the sustainable development in the ecology, environment, energy and land use etc. in the future.

It is under this concept, how to make a good construction and expression of the form and image in the process of designing indoors becomes the important issue of all designers. Therefore, designers try to be unique in designing in order to better meet people's pursuit of the unique form and image. For example, the modern household space is very limited, and the life of people is away from the natural landscape. But the people who love life will not only decorate water scene at home, but also plant flowers and farm fish. With the development of the science and technology and the changes of the consumerism, it made the streamline style home furnishing appear and be popular. Unlike the classical geometric and rigorous layout, the modern design of the home furnishing largely adopts the streamlined design. Hence, the interior designers draw inspiration from the flowing water, and introduce the streamline to the design of the home furnishing. As a result, the water-like amorous feelings with smooth surface and lines became popular at once. All kinds of furniture and the form of the indoor display are becoming more and more streamline, and the innovative home furnishing is emerging constantly. From a variety of products, the beauty of the lines can be appreciated, and the creativity of many products is unexpected, which perhaps is the charm of design.

Taking the interior design of the Beijing Sunrise East Kempinski Hotel as an example, the good construction and expression of the form and image in the process of designing indoors will be analyzed. In order to salute to the charming landscape and architectural design, when designing the hotel indoors, the designers made a space in which the vision can capture the outside scenery to the maximum extent, and created the indoor design with the picture-packed in a relatively closed space. The stylist cleverly implanted the virtuality and reality combination of various elements into the designing, repeatedly brought the geometry concept into revealing the elements and features of the entire space design, constructed a variety of different art forms, and expressed the diversified artistic image. When entering into the hotel lobby, the adornment in the center presents a unique style of artistic designing. Looking around, you can see around the beautiful and dazzling ladders, there are more than one thousand pieces of circular glass which are hanging to form the central adornment, all of which adopt the stainless steel wire to connect to the ceiling. The material of the whole design abstractly showed the mountains surrounding natural terrain around the Yanxi Lake from the perspective of the light and form. Each set of glass were designed to hang and distribute in different locations, with tier upon tier, and built different visual effects from different angles. In terms of furniture soft outfit, the modern style of furniture design was introduced to cooperate with the feature of

the whole open space of the lobby, and with the marble floor and carpet design to create the image that the jewelry were littered in all different corners. Coming to the atrium in the second floor, you will find there is a stair designed to connect with the second floor of the hotel. On the wall, a large area of 3D geometry graphic design is in harmony with the light, and different sizes of stone frames with 3D geometric graph were put in the space with four-storey height. In the large areas of high space, the design of lamps and lanterns engraved by the metal wire are decorated under the inspiration of the style of the sculptor Ruth Asawa. In the banquet hall area, the space with ductility is in the extended decorative wall with two-storey height, and linear art design, which is composed of various kinds of metal and wooden materials, creates a continuous and tapered picture with the ripple effect. A row of rectangular column frames in the front of the wall usually embed the banquet hall in and form a wonderful “images”. On the top of the banquet hall, it used the golden framework to build the decoration with the irregular geometric graphs, embedded the lamp chamfer into the decoration to make it delicate and flashing. The whole banquet hall was designed to be a “jewelry box”. When approaching it, you will find it seems slowly opened the box to spy out the treasures inside. The velvet texture decorating plates were used in the inner walls of the banquet hall, but the main design elements was concentrated on the top, and extended with the grid square type line design. In every grid on the top, the light purple crystal droplight is embedded in according to the different length of hanging, and seeing from a distance, it likes the mountains coming into sight.

The construction and expression of the form and imagery in the process of interior design is shown as Figure 2.

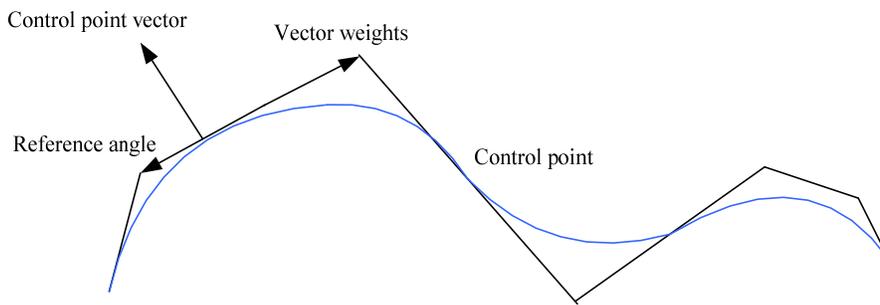


Figure 2 : The construction and expression of the form and imagery in the process of interior design

Entering the guest room, the simple overall design and the forms and images which are full of various contemporary feeling make people relaxed. The soft blue wallpaper foils out of the relaxed and downy atmosphere of the room. All kinds of fabric home furnishing in the room set the hotel off the romantic temperament in a resort. In each place there is the picture which can be framed from different angles, and the design concept of “freeze-frame” can be showed in a subtle way through the overall imagery between room and bathroom and from the details to the head of a bed, and then to the wall around the whole scope. The modern furniture with the zebra-stripe formed by staggering the dark brown and golden brown, and the details such as the metal material and mirror together decorate the room softly. The large area of the zebra-stripe wooden frame designs around the bed highlight the concept of “freeze-frame” and this kind of design concept runs throughout the whole interior design of the hotel and the guest room. The desks and chairs, which next to the built-in TV wall, make a modern interpretation for the Chinese traditional elements cleverly and subtly using the unique Chinese wood carving craft. The smoked glass divide the bathroom facilities into two parts, and seeing from the bathtub to the area of the guest room, you can feel the uniting of these two spaces, and can also feel that the exquisite natural light penetrate in. The design of convex hull, Circumcision convex hull boundary method triangulation and discrete points connotation is shown as Figure 3.

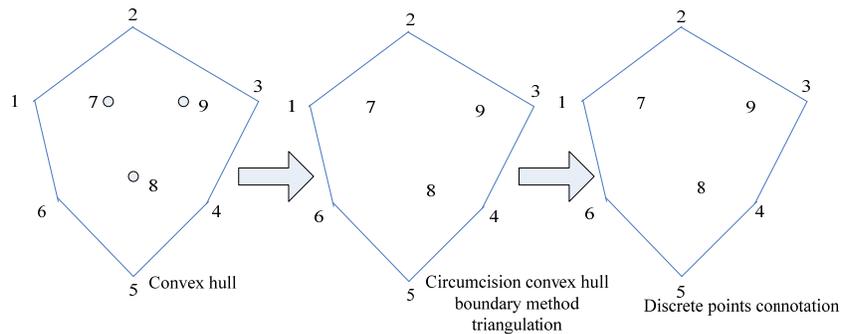


Figure 3 : The design of convex, Circumcision convex hull boundary method triangulation and discrete points connotation

The design the residential suite is very delicate but subtle, and low-key but natural. The modern elements and furniture in the suite bring out the elegant atmosphere softly. Jackson Pollock’s works of art are decorated with the wall of the

suite, and the embossed carpet with abstract flowers feeling are inlaid in the walnut wood floor. The simple line feeling design are used in the roof of the room to embed the ceiling and ventilating slot in the rail with a mirror coating and the oblique cutting technology, and the fabric wallpapers are inlaid in the design of the back wall with the metallic texture. Besides, there are also book cabinets with silk lining which are put in the study area. The relaxed and laid-back designing atmosphere keeps perfect balance with the outdoor quiet mountains and lakes.

MATERIAL TEXTURE SOFTENING

The rapid development of materials science today makes changes of space form more depends on the choice of material, so many designers in the creative space not only concerned about the way to build between each volume, but also by the rich and clever performance materials building to create space. Material impact the characteristics and quality of space, therefore, expression of interior space form soften needs the material, texture of the rational use of material, texture softening effect can increase space and improve the shaping force and visual impact of space, creating a rich spatial effect.

(1) The membrane

The emergence of new material ETFE film provides an innovative solution for contemporary architecture. Wall and roof material from this film composed of a lesser quality, only the one percent quality of same size glass, and its various mechanical properties can achieve a better balance - strong resistance to tearing, high tensile strength, medium hardness, excellent impact resistance, stretching long life, Therefore, it is widely used in the construction of the outer skin of the shape.

(2) Carbon fiber material

Carbon fiber material used in space is not widespread, but this does not hinder the exploration by cutting-edge designers. Carbon fibrous material not only has the intrinsic properties of the carbon, but also has a textile process ability of fibers, and therefore it can be easily processed into a variety of product forms, for shaping the various spaces. Today's increasing emphasis on personalized design, interior design texture in the performance of the material becomes the focus of the design. In fashion

Highly intensive in New York, a boutique star fashion industry Philiptsevich Haslem by Jeremy • Barber responsible for the design, he used 25,000 leather belt to form a continuous path from floor to ceiling, full paper the texture of the beauty and texture of the United States, see the rough and detailed, which shows contemporary.

CONCLUSION

With the accelerating pace of urban life and the constant changes of the way of people's life, nowadays, the outstanding interior design should not only possess strong function, but also accords with the life-style and the underlying aesthetic demand of people in the future. Through the analysis of this paper, it was known that in all sorts of design, both the construction of various forms and the expression of the images are all important issues that the designers need to focus on. In the interior design, by combining the actual requirement of the building and designing cleverly, it can make the whole design present a variety of forms and express the different artistic image, and then better satisfy people's needs, and bring beauty to people to enjoy. All in all, through the designers' elaborate craft and revision, the interior design can show more powerful vitality, and better services people's life.

REFERENCES

- [1] Zhu Jianhang and Ren Wu; The Application of the Innovative Form Design in the Modern Interior Space Design[J], Greater Master, **2**, 67 (2010).
- [2] Huang Yi; Interior Space from Design Research-Innovation of Form Design in the Contemporary Interior Space Design of Usage [J], Sichuan Fine Arts Institute, (2007).
- [3] Fan Wei, Fu Xiao; The Visual Texture in the Design of Indoor Space Form [J], Journal of Central South University of Forestry & Technology (Social Science), **7(1)**, 122-125, 148 (2013).
- [4] Yang Yi, Dai Xiangdong, Huang Yanli etc; A Study on the Application of the Decorative Elements of Bare Concrete in the Interior Design [J], Journal of Central South University of Forestry & Technology, **32(3)**, 192-197 (2012).
- [5] Liu Huan, Liu Xiumei; The Indoor Light Environment Design Based on the Space Image [J], China's Real Estate Industry, **10**, 109 (2012).
- [6] Shi Hong, Wu Xiaodong, Yang Wenqian etc; The Imagery Expression of Traditional Culture in the Modern Interior Design [J], Journal of Shanxi Building, **38(19)**, 24-25 (2012).