

# On the application research of humanized design in indoor environmental art design

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**Abstract.** With the continuous development of society and the gradual improvement of living standards, people no longer meet basic material needs, and put forward more requirements for the quality of life and indoor living environment. More and more designers follow the "people-oriented" design concept to create a comfortable space that conforms to people's living habits. This article uses this as a starting point to discuss the application of humanized interior design

**Keywords:** humanization; indoor environment; art design; application.

With the changes of the times, the social level, technology and economy are all improving rapidly, and people's aesthetics are constantly changing. On the basis of satisfying the aesthetics, people have more and more requirements for homes. Nowadays, people pay more attention to the artistic design of the indoor environment and the comfort. Therefore, the designer's design guarantees the overall structural safety and environmental protection. , Incorporating the "people-oriented" design concept into it, and determining the element design of the space according to the needs of the owners, not only meets the needs of life, but also meets the needs of people's hearts, thus creating a good living space and making the humanized design embodied in All aspects of our indoor environment.

## 1. Overview of humanized design in indoor environmental art design

The humanized design is based on people's living habits, living conditions, life needs and psychology, and through the "people-oriented" ideology, so as to create a living space with individual characteristics in the interior. Indoor environment art design is a manifestation of an art form, a rational creative activity for shaping an indoor living environment that places equal emphasis on spirit and material. According to the needs of the owner, the designer comprehensively carries out multi-level space environmental design based on the original basic form and knowledge in the fields of aesthetics, engineering, architecture, etc., to enhance the rationality of the indoor environmental design.

## 2. The significance of humanized design in indoor environmental art design

Humanized design in the indoor environmental art design can not only fully play the function of the architectural space and improve the overall architectural art design level, but also better meet people's needs, relax people's body and mind, and relieve people's life pressure. Therefore, humanized design plays a key role in indoor environmental art design. First, promote environmental protection. The environment is the concern of all countries in the world. With the rapid economic development, people's living environment has become bad, which has aroused human thinking. The humanized design is "people-oriented", and it can make efforts for the living environment and help To promote environmental protection work. 2. Personalized embodiment. With the improvement of the economy, people admire freedom, value personal interests, and pursue individuality. Because this society no longer meets the common requirements of most people, designers need to consider and value the consumer needs of a small group of people, and apply humanized design to interior design, so that people can feel the feelings they want to express in the design. Among them, "humanized design" can promote the development of human civilization. 3. Advocate the humanistic spirit. For example, the humanization in the office is reflected in a good environment that can make people feel relaxed, improve work efficiency, and enhance work quality. For the occupants, the humanized design can not

only provide a relaxing space, but also meet the spiritual needs of the occupants and highlight the individual characteristics of the occupants. Using groups can maintain a good attitude in a comfortable environment, whether living or working, and relax yourself better to relieve the pressure of life and work. Therefore, the development of humanized interior design can arouse people's attention to humanistic spirit and develop their own cultural spiritual level.

### **3. the requirements of humanized design in indoor environmental art design**

#### **3.1 Theoretical**

From ancient times to the present, people have pursued a certain degree of living environment, and we hope to build the space concept of "the harmony between man and nature". Integrating nature with indoor space and integrating aesthetic perception makes art design more in line with the trend of social development. Humanized design also provides a new development direction for indoor environmental art design, so as to achieve the perfect integration of design aesthetics and the concept of "people-oriented".

#### **3.2 Practicality**

In interior design, practicality is also very important, which requires designers to use a superb design level to perfectly combine artistic beauty and practicality. From the perspective of humanized design in indoor environmental art design, designers must have professional theoretical knowledge, high design level, keen insight, and combined with the requirements of users, use the space reasonably and configure them with perfect functions. The indoor space, in turn, satisfies the user's aesthetic needs and practicality requirements.

#### **3.3 Innovation**

In the modern architectural design of the world in the past, the concept of humanity did not penetrate into people's thinking. The designer only paid attention to whether the building can perform various functions. However, with the development of the times, people no longer meet the basic living space and living environment, and have greater demands for the living environment. Therefore, the current designer must not only skillfully apply the past design concepts in the design, but also apply "Humanized" design is integrated into the current design, thereby improving the quality and function of our country's buildings. In addition to ensuring the basic functions of the interior, the designer also uses the furnishings and the brightness of the lighting to design a good artistic effect, which makes people's perception reach a higher level, and makes the residents feel that the living environment is more life-like and cordial. Sense, fully reflects the humanized characteristics of interior design.

### **4. The principles of humanized design in indoor environmental art design**

There are three basic principles of humanized design in indoor environmental art. 1. Security. Two: comfort. 3. Health.

#### **4.1 Security**

The principle of safety is the most concerned issue of our interior designers and occupants. Therefore, designers should pay attention to whether the wall is a load-bearing wall, whether it can be demolished, whether it can change the facilities of natural gas and staircase floor slabs in the design of humanized interior space design. It must be modified according to the architectural structure of the building. The structure of the building must not be changed casually. It is also necessary to check whether the line is reasonable and safe, etc., to avoid leaving safety hazards to the house and to ensure the safety of the occupants. Designers must keep in mind the design concept of safety first, rationally arrange and design the interior space layout on the basis of ensuring the quality of living, and meet the needs of the occupants.

## **4.2 Comfort**

The principle of comfort is also one of the concerns of our interior design. It refers to the designer's design using some color matching, furnishings, and the brightness of light to create a comfortable physiological space of harmony and psychology not only makes people feel comfortable in visual perception, but also provides spiritual relaxation in the living environment. Good humanized design can not only increase the experience of the occupants, but also make the indoor environment better integrate with people, achieve the realm of harmony between nature and man, and improve the satisfaction of the occupants with the indoor humanized design.

## **4.3 Health**

We must follow the principles of health and non-toxicity in the design of indoor environment. Many indoor decoration materials are now chemical products, which can cause the diffusion of toxic substances. For example: lead, mercury, formaldehyde, benzene and other volatile gases can harm human health and cause people to suffer from diseases; in addition, the noise generated during construction will also affect people's rest, and indoor light and other problems will also cause living people have visual fatigue and other problems that affect people's health. Designers should avoid these problems in the design process, use natural environmental protection and do not contain formaldehyde and other materials that are harmful to human health, and can install anti-noise devices to reduce glare. Good ventilation design is also an effective measure of the principle of health. This can improve the quality of life of the occupants.

# **5. The application of humanized design in indoor environmental art design**

## **5.1 Use of natural resources**

Reasonable use of nature, protection of the natural ecological environment, and adherence to the design concept of sustainable development have become the hottest topic in interior design. For example, good design can make people have visual and psychological effects in the indoor environment and resource environment. From the perspective of visual perception, the natural environment can affect the form of the indoor environment through the building, and the indoor environment will also affect the external performance of the building on the natural landscape, so the two are inseparable. On the issue of light, designers can use natural light to illuminate the interior space, reduce the harm caused by glare to people, create a natural environment, and contribute to the country's energy conservation and emission reduction.

## **5.2 Arrange indoor space scientifically and reasonably**

In the indoor space layout, we should arrange the indoor space scientifically and reasonably. For example, in the design of the living room, the living room is the main activity center of the family, the location should be moderate, and the view should be wide, spacious and bright, and the number of doors should be reduced to reduce traffic interference. If the area of the living room is too small, we will connect the dining room and the living room, and use the principle of mutual loan by dividing the plane to make the space look more spacious and bright. In the kitchen and bathroom area, designers should consider the overall design method, have a good ventilation system, drive the conversion of indoor space, improve air quality, and keep the indoor dry. A good spatial layout allows the limited indoor space to play the greatest role.

## **5.3 Doors and windows, heating power distribution and lighting**

In the interior design, doors and windows, heating and power distribution and lighting have always required attention. The heat transfer capacity of doors and windows is very strong, so designers should use materials with significant thermal insulation effects in interior design to achieve energy-saving effects. Laminated glass can better improve thermal insulation performance and effectively control

the temperature difference between indoor and outdoor. In terms of lighting, the designer uses low-energy, high-quality equipment for lighting, and plans the lighting according to the needs of the owner. The reasonable use of natural light can not only meet the dependence on lighting equipment during the day, but also take care of the life needs of electricity at night. . In terms of heating, choosing the most reasonable heating equipment and modern equipment can not only save resources, reduce waste, but also ensure the comfort of the indoor environment temperature. The humanized interior design allows the residents to have a better life.

## **6. The development trend of humanized design in indoor environmental art design**

With the continuous improvement of the city level, people's pursuit of natural beauty is constantly improving, and the pursuit of natural beauty is also reflected in interior design, such as hand-made solid wood furniture, wood floors with natural texture, rough and aging Stone walls, more and more materials now contain these natural elements, and businesses show consumers a concept of returning to nature. This is an understanding of the essence of life and a yearning for natural beauty. In interior design, designers can also combine regional culture with it to make people feel intimacy and show the characteristics of interior design culture. The same building materials, developed in the continuous progress of society, allow us to enjoy a trace of tranquility in the busy life, and feel the ease and joy of being in nature.

## **7. Summary**

Different people have different requirements for the indoor environment. Indoor environmental art design is to integrate humanized design into interior design to better reflect the harmonious relationship between people and the environment. It can not only meet the needs of different groups of people for the living environment, but also improve the high-quality living environment. The designer always runs through the people-oriented The design concept increases people's happiness in life.

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