

## Research on the Innovative Strategy of Interior Design Integration Home Furnishings under the Background of Residential Industrialization

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**Abstract:** With the rapid development of economy, people's quality of life is constantly improving, residents of the interior design requirements are also constantly improving. This paper briefly introduces the concepts of residential industrialization and integrated home furnishings, and analyzes the problems in the internal design and integrated home furnishings in the context of China's residential industrialization, which analyzes the problems in the internal design and integrated home furnishings from the impact of the impact of foreign architectural culture, the blind use of decorative materials and the unclear concept of environmental understanding. Finally, three innovative interior design strategies, which are innovative interior space function, innovative interior color matching and innovative interior design concept, are put forward, and we hope that we can promote the innovative development of interior decoration.

### 1. Research Background

#### 1.1 Literature review

The change of residential construction mode is the most important link in the process of industrialization. There are many problems in the interior design method of traditional housing, which is not enough to meet the construction mode of industrial housing. The modular design approach can be taken to integrate architecture and interior design (Sun, 2015). The future interior design will be more prominent "people-oriented" design principles. The design process should take into account the environment, the texture, color and style of the material used, such as the necessary conditions, in order to create a harmonious indoor environment (Feng, 2008). Interior design is the key to the residential experience, so the public's demand for interior design is also constantly improving. At present, interior design is still lack of standard, designers are also less innovative consciousness. Although the industry is engaged in a large number of people, but the industry level is not high. Therefore, the interior design industry needs to strengthen industry legislation, make the industry more standardized, while increasing the supervision of the industry, establish industry development standards, strengthen the innovation awareness of the interior design industry, improve their professional quality (Chen, 2017). The comprehensive quality of Chinese interior designers is poor, and there are still some plagiarism in interior design, excessive pursuit of luxury decoration problems. To improve this situation, we can be more artistic and personalized in the design style, design should be simple and natural, to achieve "people-oriented". Interior designers also need to improve their professionalism (Wang, 2009). Now people demand more than just housing, but also room design is innovative and dynamic, interior design to be more human (Xu, 2014).

#### 1.2 Purpose of research

According to the history of the interior design industry, it can be found that interior design has gone through the process of continuous integration of resources. In the initial stage, interior design includes the procurement and provision of materials, and now residential interior design is generally a holistic form, which makes interior design into the resource integration stage. This phase makes the interior design model easier and facilitates the simplicity and efficiency of integrating home furnishings. The emergence of integrated home furnishings conforms to the requirements of modern

people for the integration of home furnishings design, and also eliminates many unnecessary processes for residents. In the future, interior design will also form its own platform for the entire industry to provide resources. This platform is equivalent to a container, containing all the data, information, business, etc., the platform for these resources for system management and recording, so as to establish resource allocation, implementation of the production line. Interior design is now closely related to people's lives, in people's lives play an increasingly important role. But interior design in order to meet the demand for supply at the same time, it is difficult to control the quality, construction cycle is long, the efficiency is also low, interior design in the post-maintenance guarantee is still relatively weak. Interior design model is in need of diversified development, at present, interior design is not enough to meet the housing quality and residential quality needs. Interior designers also need to constantly update the design system and design technology. This paper studies the innovative strategy of interior design integration home improvement under the background of residential industrialization.

## **2. Overview of related theories**

### **2.1 Residential industrialization**

The residential industry was established according to the housing market demand, in order to solve the housing problem. From real estate development planning, construction and ministry design, construction, and finally property management, are to rely on building materials industry and light industry and other related industries. These small links are connected by modern technology, throughout the entire process of residential construction, this is a complete industrial chain, and ultimately to achieve residential sales. The residential industrialization system is complex and requires comprehensive planning, whether it is policy making, residential design and construction or property management. Enterprises need to cooperate with government departments to make the housing industry a pillar industry to promote economic development. The ultimate goal of residential industrialization is to integrate production and operation and to serve society harmoniously (Zhang et al, 2017).

### **2.2 Integrated home improvement**

Standing in the consumer's point of view to understand the integration of home furnishings, in fact, is the home decoration process required material scale, systematization. The traditional home improvement model is a combination of main material and auxiliary materials, simple joint furniture home appliances enterprises, the early stage also did not have a concrete design, all materials are also in the later decoration period superimposed. Now the home improvement company will be in the decoration before, middle and late systematic operation, will package all the decoration materials, the formation of the decoration industry chain. In this industrial chain, each program has a dedicated person in charge. Integrated home furnishings are entirely considered from the perspective of the customer's life, around the customer's lifestyle for interior design and furniture selection. The greatest advantage of integrated home furnishings is that consumers meet the quality, service and price requirements of interior design as much as possible by continuously optimizing systems and design patterns. This personalized service provides contemporary consumers with a convenient and fast interior design model that makes them more comfortable (Tan and Dai, 2009).

## **3. The problem of interior design integrated home furnishing sitting in the background of residential industrialization**

### **3.1 Impact of Foreign Architectural Culture Impact**

Since the reform and opening up, foreign architectural culture has had a certain impact on our traditional architectural culture, which has led to the vague concept of Chinese architectural culture. The impact of foreign architectural culture is mainly reflected in the large use of Western science

and technology and Western culture in interior design. Under the influence of this cultural impact, the designer's design concept has been updated and the vision is gradually broadened. However, the change of architectural culture has a great influence on people's pursuit of fashion psychology. In interior design, many designers tend to over-pursue novelty and diversification, ignoring the real needs of customers. Moreover, the designer's new and old design concepts are difficult to quickly integrate, easy in the interior design of the design style of the phenomenon of patchwork. Therefore, Chinese designers in the process of learning foreign architectural culture, to do a good job of foreign architectural culture screening. Designers want to effectively integrate Chinese architectural culture with foreign architectural culture. In the interior design process, take into account consumer acceptance of the new design style (Liu, 2003).

### **3.2 Blind use of decorative materials**

One of the common problems in interior design is the blind use of interior decoration materials. This problem arises mainly because the designer's idea of the use of materials is still vague. In the interior design process, the emergence of this problem is mainly due to the blind use of high-grade materials in the design project, many designers think that "high-end is the truth." Designers for the use of high-end materials increased the cost of interior design, but also not conducive to the interior design design style, and high-end materials decorated after the living environment is not necessarily comfortable. Some of the specific materials used in interior design, whether it is the composition of the process or the type of material, will have a great impact on the design effect. In fact, designers can through the performance of materials and mechanical laws of interior design, so that the design of the finished product to meet the aesthetic requirements of the occupants. In addition, the rational use of different materials, in the space should also express the design value of lines and faces.

### **3.3 The concept of environmental awareness is not clear**

Interior designers in the understanding of the environment is vague, making the interior design innovation more difficult. Interior design has always been to better meet the living requirements of consumers. Residents are now demanding more and more environmental quality, and the comfort requirements for interior design are also increasing. For designers, to meet the requirements of residents, it is necessary to have a clear and reasonable understanding of the indoor environment. The designer's poor understanding of the environment can lead to inconsistencies in interior design and architectural style. Some designers in the design process will be simply arranged rooms to improve visual enjoyment, architectural style and indoor environment style unity is poor. In fact, interior design is also a way of inheritance of architectural design, should be unified into the category of architectural design. Therefore, in the designer interior design process, to coordinate the relationship between the two, in order to make a unique style of interior design.

## **4. Innovative strategy of interior design integration home furnishings in the context of residential industrialization**

### **4.1 Innovative indoor space features**

In order to meet the high requirements of the living environment, designers should further improve the spatial function of the indoor environment on the basis of meeting the aesthetic requirements. From the comprehensive analysis, integrated home furnishings in this respect than the traditional model is a greater advantage, for the space function of innovation has achieved great results. But there is still much to improve. Designers should master the characteristics and cultural level of the occupants themselves, combine the requirements of interior design, and make innovations in the spatial function, so as to maximize the efficiency of space function utilization. Designers in the process of space style design, it is necessary to highlight the space master, can not over-pursue the use of high-grade materials, and the simple pursuit of luxury design sense is not conducive to the embodiment of space flexibility and space master. Designers in space design, should try to break through the interior design existing, space environment, a single problem

limitation, in the space combination of innovation, the use of flexible design style and space combination form.

#### **4.2 Innovative indoor color matching**

The overall effect of interior design will be reflected directly through the color matching and application of the design materials. Interior design of integrated home furnishings will be very good to solve this problem, integrated home furnishings generally have a very perfect system and design ideas, the overall style will not have too sudden place. However, if the visual innovation of interior design is to be realized, designers should fully understand the effect of color matching. Color gives people a visual impact is very strong, but also directly affect the mood of residents. Designers should use interior decoration with a reasonable color relationship, strengthen the effect of interior decoration. In the process of color matching, designers can do design innovation according to the color matching results of some scientific research, and then adjust the proportion between different colors through the visual health requirements of the occupants. The visual space of indoor living environment is also reflected by color, which can adjust the degree of openness of the field of view to some extent. In modern interior design, color is mostly bright, designers can use primary color or bold composition style to reflect.

#### **4.3 Innovative interior design concepts**

Interior design is an indispensable part of the home, designers in the design process to highlight the design concept, so the design concept of innovation is indispensable. The innovation of design concept is beneficial to the unity of living environment and interior design style, and also to the formation of the concept of modern architecture, thus promoting the improvement of interior design level. Therefore, designers should pay attention to improve their own design concept innovation attention. In order to provide residents with more comfortable living space, designers need to make innovation of design concepts the core of interior design. The innovation of interior design concept is also reflected in the integrated home, but it is necessary to continue to innovate and actively absorb the innovative ideas of interior design. Promote the innovation of interior design integrated home furnishings in the context of residential industrialization.

### **5. Conclusion**

To sum up, interior design also needs continuous innovation, with the requirements of residents continue to improve, more and more prominent design “people-oriented” design concept. Under the background of residential industrialization, the innovation of interior design integrated home furnishings needs to be carried out through the three aspects of interior space function, interior color matching and interior design concept. Integrated home in the interior design is in a dominant position, but still need designers in the process of innovation to continue to break through. All interior design innovations need to take into account the needs of consumers, according to the characteristics of consumers to make a reasonable combination.

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