The Function of Material Language in Modern Architectural Decoration or Indoor and Outdoor Design

Ming SUN
Jinan Engineering Vocational Technical College

Abstract: In recent years, with the continuous development of economy, social progress, the rise of the construction industry, the architectural decoration design industry has also developed. Material language has also been widely used in modern architectural decoration or indoor and outdoor design. Based on this, this paper first introduces the overview of material language research, then analyzes the function embodiment of material language in indoor and outdoor decoration from four aspects, and finally introduces the function embodiment of material language. In order to provide a reference for the exchange of views to the relevant researchers.

Keywords: Material Language; Decorate; Indoor and Outdoor Design

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1. Introduction

In modern architectural decoration and indoor and outdoor design, identification materials play an important role. For various styles of design, is based on the choice of decoration materials. The style of the different decoration materials will be different. Therefore, before modern architectural decoration and indoor and outdoor design, it is necessary to conduct in-depth research on material language in advance in combination with the wishes of house owners.

About the author: Ming SUN (1980-10), Han nationality, Jinan, Shandong, Lecturer, master’s degree, Teaching of architectural decoration engineering technology.

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2. Overview of Material Language Research

Some simple things, such as texture, color, light comfort and appearance, are what we call material language. When decorating buildings, we will have an intuitive understanding of material language. With the development of science and technology, the market of interior and exterior decoration is full of all kinds of decoration materials. At present, there are two kinds of widely used in architectural decoration, including artificial materials and natural materials [1].

Because various decorative materials have their own characteristics, they will intuitively present people with different environmental atmosphere and indoor feelings. Therefore, the selection of language materials must be combined with the actual situation. Good material language plays an important role in displaying good indoor and outdoor environmental atmosphere.

3. Many Aspects Included in Material Language

(1) Body Language of Material Language

Material body language refers to the relationship between physical structures or the function of representation formed by vision. It is composed of method and form, as well as the state embodied in the system [2]. The main purpose of modern architectural decoration and indoor and outdoor design is to meet people’s dynamic needs. Through some specific processes of processing materials, different styles and characteristics can finally be formed, to meet different people’s intuitive and psychological feelings, to form physical objects, so that the decoration has strong practicability and use value.

The value of building materials is reflected by its own specific form, and what form can be formed should be realized through the process of design. The common manifestations of material body language are: different materials and different properties, and the body language of material language are unique. The design can cooperate with the materials to achieve ideal results in all aspects.

(2) Texture Language of Material Language

As the name implies, a specific texture is formed under the influence of natural environment for a long time, just like human skin, which is the texture language of material language. Just as there are no two identical leaves in the world, due to different natural environments, the texture and language of materials are also different. For example, in the long natural growth process of things, trees have rough skin and rough texture. However, the surface roughness of the small stones in the
river has long been polished to be extremely delicate and smooth due to years of running water scouring. When an object texture exists alone, its beauty and good effect cannot be fully reflected. Only when the texture of the material cooperates with other materials can it achieve better results. Therefore, we should combine design with environment, light, time and place to make full use of the texture and maximize its effect.

Texture language in material language can be divided into two types. Visual texture and tactile texture are divided according to different visual and tactile sensations of people. With the civilized development of society, people’s awareness of environmental protection has also been continuously strengthened, paying more attention to the protection of ecology and exploring the most primitive and simple beauty in nature. In modern architectural decoration and indoor and outdoor design, it is essential to naturalize the mechanism of material language. Therefore, respecting the original texture of the material and preserving the primitiveness and naturalness of the texture of the material are the new requirements for designers put forward by the development of society and the improvement of people’s aesthetics.

(3) Color Language of Material Language

When observing things, the first thing people see is the color of things. Similarly, in the design of material language, the most intuitive impression is the color effect. The basic style of decoration is also influenced by color. The color of the material itself, as well as the color change produced by the designer’s processing and design, that means, artificial color, can better meet the needs of design. Artificial color, for example, after the glass is processed, there will be sunlight. If it is formed under the sunlight, other colors different from the glass itself are equivalent to artificial colors. The production of these colors can bring people a better experience.

Colors in nature can form various other different colors in people’s eyes through the reflection of light [3]. In the current architectural decoration and indoor and outdoor design, the use of good color language can not only show the characteristics of the material itself, but also bring different psychological feelings and strong visual impact to people. People’s mood will be different with different colors. For example, lighter colors, such as light blue, light pink and light gray, can stabilize people and bring peace to their hearts. However, if it turns into dark colors, such as crimson, dark purple and dark black, these colors will bring more mental pressure and relatively more oppressive feeling to people.
People’s feelings will also change differently due to different colors. For example, when the indoor wall color is red, it will give people a lively and warm feeling when matched with a red bedspread and if the wall and bedspread are replaced with white, it will give people a solemn, simple and peaceful feeling. The color and language of material language play a very important role, requiring designers to use the influence of color on people’s psychology to design better decorative styles that meet people’s requirements.

(4) Texture Language of Material Language

People’s different organs react to the material, and then different parts of the brain interact with each other to coordinate other senses. The final impression of the material texture formed by vision and touch is the texture language of the material language. Technical level, environment, time and human factors will affect the materials selected in modern architectural decoration and indoor and outdoor design. Different materials have different texture, and under the influence of other human sensory organs, they will form different psychological feelings.

For example, the surface of materials can’t be judged by vision, and its roughness needs to be judged by touch. However, due to the rich social experience of human beings, through the previous life experience, when we see an object with uniform color and luster change, we can roughly judge the object with fine texture. However, when the color gloss changes unevenly, the surface of the material can be judged to be rough. We can get the texture of the material through the above texture language. For example, when judging the stainless steel material, it can be based on the different surface density. If the density is smaller, the light reflection ability is weaker; if the density is larger, the light reflection ability is stronger. Including concrete buildings that we can see in our daily life are not as bright and detailed as glass buildings.


(1) Aesthetic Functions

Aesthetic function is extremely important in modern architectural decoration and indoor and outdoor design. Designers need to have strong aesthetic function, be able to give full play to the best effect of material language, and choose the correct material language according to some specific situations. This can not only convey the charm of decoration, but also quickly improve people’s emotional beauty experience. It is a state of people’s psychological activities to produce visual beauty
under the influence of hearing and vision. The aesthetic function of material language is the feelings generated by people’s various senses.

Due to the different materials selected, people’s feelings will be different, and the difference of material language will be directly felt through people’s vision and touch. Including the size of material language, arrangement patterns and so on give people different psychological feelings, and have an impact on the overall spatial style. The common materials used in indoor and outdoor design are stone, metal and various fiber products. Stone and metal have their own characteristics, which bring people more cold feeling. They are suitable for decoration in a serious and rational space. Some textiles, fiber quality soft, and then people will have a comfortable and warm feeling. Stone will bring people a serious feeling, while bamboo products and fiber products will give people a more cordial and warm feeling. These materials are often used for furniture or crafts.

(2) Practical Functions

In modern architectural decoration and indoor and outdoor design, the reasonable choice of material language can make the service life of architectural space continue to increase, divide the function of space, and make the problem of insufficient space itself continue to improve. Architectural language has a better use function. First of all, if reasonable decorative materials are selected, it can not only reduce the cost of materials and protect the main body of the building, but also bring people a good aesthetic experience and pleasure of body and mind. At the same time, sufficient decoration design can meet people’s various needs indoor and outdoor, so it can be met in time to bring people a good experience.

In modern architectural decoration and indoor and outdoor design, reasonable analysis of material language can meet the requirements of different people for architectural space. For example, in terms of spatial scale, different customers have different requirements, in terms of color selection, customers are also different from each other; in narrow interior, and designers generally choose stripe materials [4]. In some spaces, glass and mirrors are decorated, and their refraction and reflection can meet people’s demand for space vastness. In cinemas and shopping malls, these places use more porous concave loose boards. One of his aims is that dense population can effectively reduce noise. The different application requirements of material language in different times and places can meet the psychology of most people, so designers should be able to meet the needs of most people when choosing material language.
5. Conclusions

To sum up, the correct use of material language plays an important role in modern architectural decoration and indoor and outdoor design, and can achieve good results. Designers should first correctly select the material language according to different environments when designing, and then pay attention to the combination of color language and texture language of the material language to pursue natural and primitive beauty. Designers should make use of technology and diversified technology to form a good complementary combination of material language and create a perfect decorative material.

Works Cited


