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Inheritance and Innovation of Intangible Cultural Heritage: Research on the Design of Catering Space with the Theme of Xiuyan Shadow Puppetry Culture

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Abstract: As an important part of China's intangible cultural heritage, Xiuyan shadow puppetry culture is a traditional art form with strong regional characteristics. It has not only exerted a profound influence on domestic and foreign art in terms of aesthetics and decoration but also demonstrated unique academic value in historical changes and current difficulties. With the development of technology and the progress of the times, traditional shadow puppetry art faces the impact of modern film and television as well as popular entertainment activities, and its inheritance and development have encountered unprecedented challenges. Therefore, the innovation and development of shadow puppetry culture and art have become particularly important, necessitating the dissemination of this traditional culture through new expression techniques. Starting from the origin and development of shadow puppetry culture, we deeply explore the artistic characteristics of shadow puppetry cultural elements and fully tap into the modeling features of shadow puppetry art. The research focuses on the formal beauty of shadow puppetry art, the aesthetic beauty of engraved lines, and the content beauty of plots, aiming to explore the potential applications of shadow puppetry cultural elements in catering space design. By incorporating these elements into catering space design, the space can not only possess cultural heritage but also highlight spiritual connotations, realizing a catering space design with ethnic characteristics and a timeless theme, and providing new forms and inspiration for the expression of catering space design.

Keywords: Xiuyan Shadow Puppetry Culture; Catering Space Design; Incorporation; Innovation.

1. Introduction

1.1. Research Background

With the economic development and the popularization of traditional culture education, people's cultural confidence has been continuously strengthened, their understanding has gradually deepened, and their consumption levels have gradually increased. For instance, the current "Chinese cultural trend" is continuously gaining popularity, providing a favorable environment for the application of Xiuyan shadow puppetry culture themes in catering spaces. The government emphasizes the importance of strengthening the protection and inheritance of intangible cultural heritage in the "14th Five-Year Plan" for cultural development and has issued relevant policies to provide policy support.

The catering industry plays an important and crucial role in the overall development of society, exerting a profound impact on the economy, culture, and individuals. With economic growth and the continuous improvement of people's quality of life, traditional catering spaces have been unable to satisfy people's fantasies about modern catering spaces. The development of catering spaces cannot ignore the role of China's excellent traditional culture, which is extensive and profound. Precisely these characteristics can make catering spaces more culturally enriched, enhance brand images, strengthen consumer experiences, and promote the development of the catering industry. In the context of modern society, Xiuyan shadow puppetry is currently facing difficulties in protection and inheritance as well as the impact of modern entertainment. To protect and develop these art forms, we now need to use innovative methods to make intangible cultural heritage adapt to the needs of contemporary society once again.

1.2. Research Objectives

The objectives of studying the inheritance and innovation of intangible cultural heritage - the design of catering spaces with the theme of Xiuyan shadow puppetry culture are: Firstly, to promote the inheritance and innovation of intangible cultural heritage and protect intangible cultural heritage. Secondly, to promote the development of catering space design and innovate the integration of intangible cultural heritage with catering spaces.

1.3. Research Content

The first research focuses on the protection, inheritance methods, and innovation of intangible cultural heritage. The second research examines the origin and development of shadow puppetry culture, exploring its artistic characteristics, analyzing its imagery, storylines, narrative methods of character performances, and the transformation of these elements into interior spatial interfaces. The dynamic and narrative nature of shadow puppet elements are integrated throughout the entire design process. The third research delves into the integration of Xiuyan shadow puppet elements into catering space design to achieve the goals of cultural inheritance and protection. It explores specific application methods of shadow puppet cultural elements in catering spaces, such as wall decorations, furniture design, lighting arrangements, etc. The design concept and implementation of a catering space themed with Xiuyan shadow puppetry, including spatial layout, color matching, material selection, and other aspects, are also discussed.

These research contents encompass the protection, inheritance, innovation of intangible cultural heritage, and its application in modern catering space design. The aim is to

explore the paths of inheriting and innovating intangible cultural heritage in modern society through the study of Xiuyan shadow puppetry culture.

1.4. Research Methods

Case Study Method: Analyze cases that combine culture with catering space design based on literature review, summarizing and synthesizing the findings.

Literature Review Method: Collect, identify, and organize literature to obtain information on shadow puppetry and catering space design through literature research.

Empirical Research Method: Investigate the "what" question regarding Xiuyan shadow puppetry and catering space design, revealing the internal constituent factors and their interconnections.

Thinking Methods: Important methods for thinking and accurately expressing ideas in combining Xiuyan shadow puppetry with catering space design include inductive reasoning, deductive reasoning, analogical reasoning, abstract generalization, analytical synthesis, etc.

1.5. Domestic Research Status

Liang Chen, in "The Inheritance and Innovation of Shadow Puppetry Art Elements in Interior Space Design," analyzes the shapes of shadow puppetry art and integrates them with indoor spatial environments or extracts some elements of shadow puppetry for redesign using related artistic techniques, which are then combined with indoor spatial environments. This provides design experience and ideas for better applying national folk-art forms in modern interior design.

Dong Huixian, in "Research on the Application of Tangshan Shadow Puppetry Art in Catering Space Design," points out that shadow puppetry art elements have a strong correlation with catering spaces in terms of the transformation of light and shadow carving elements and modeling elements.

The Shichahai Shadow Puppetry Theme Hotel in Beijing prominently uses shadow puppetry shapes directly on the reception desk in the lobby, with brass material to highlight a sense of the times and the vicissitudes of historical culture.

2. Overview of Design for Dining Space with the Theme of Xiuyan Shadow Puppet Culture

2.1. Dining Space

2.1.1. Development History of Dining Space

The development history of dining space can be summarized into the following stages:

In primitive society: The earliest dining spaces can be traced back to our primitive society. Due to different levels of civilization and lifestyles, people in primitive society did not have stable settlement spaces, and dining locations were variable. During the Han Dynasty, banquets were often held inside and outside the palace or on lawns. During the Tang Dynasty, restaurants and teahouses began to flourish, becoming the main venues for people to socialize and dine together. In the Song Dynasty, the design of dining spaces began to emphasize the incorporation of decorative elements, leading to the emergence of high-end dining venues.

In modern times, with economic development, the design and use of dining spaces have continuously evolved, possessing both practical and aesthetic functions, and becoming essential venues for leisure, entertainment, and socializing. In contemporary times, dining spaces have gradually transformed into functional spaces with diversified and enriched characteristics, with spatial forms increasingly diversifying.

2.1.2. Development Characteristics of Dining Space

First, functional diversification: Modern dining spaces no longer merely satisfy people's basic dining needs but have gradually transformed into social spaces with diversified and enriched functionalities.

Second, spatial diversification: Along with functional diversification, the design of dining spaces also exhibits a trend of diversification. Common design elements include open spaces, ambiguous spaces, and fluid spaces. Through design techniques such as establishment, enclosure, covering, and texture for spatial definition, diverse forms of areas are created, making the space layered and full of variety.

Third, thematic design: The thematic design of dining spaces has gradually gained attention. Thematic design not only compensates for deficiencies in design but also provides dining spaces with distinctive characteristics and personalities.

Fourth, local atmosphere creation strategy: Dining spaces can create highly representative dining spaces based on regional characteristics, satisfying people's demand for specific consumption spaces. Dining spaces have gradually become cultural complexes, spaces that conform to the laws of social development.

2.1.3. Types and Characteristics of Dining Spaces

The types of dining spaces can be divided into fast-food restaurants, formal restaurants, buffets, family restaurants, and gourmet restaurants.

First, fast-food restaurants: They provide quick service with an overall fast pace, targeting working adults and students.

Second, formal restaurants: They provide a quiet and comfortable environment and high-quality service, targeting customers who pursue a high-quality dining experience.

Third, buffets: The environment is more casual, where customers can choose their own food, offering a variety of dishes with strong spatial mobility, targeting customers who pursue diverse options and free access to food.

Fourth, family restaurants: They provide a warm and comfortable environment, often with children's play areas, targeting families as the primary customer group.

Fifth, Food Courts: Focusing on quick dining and diverse options, the environment is relatively simple, targeting customers who seek to quickly resolve their dining needs. Based on the types, characteristics, and target audiences of the above-mentioned dining spaces, the integrated design of Xiuyan shadow puppet culture can be applied to various dining spaces.

2.1.4. Artistic Design Expressions in Dining Spaces

The artistic expression forms of dining spaces can be divided into interior display design, lighting design, materials, and spatial form and function.

First, interior display design: Dining spaces employ interior displays for thematic design, enhancing the thematic atmosphere of the dining space, creating a beautiful environmental ambiance, and enriching spatial layers.

Second, lighting design: Lighting design is one of the important means in dining space design. By focusing on lighting color, brightness, shape, and hierarchy, it highlights the main body of the space and the elements intended for expression, thereby emphasizing the main focus.

Third, materials: In designing dining spaces, the use of materials influences the overall spatial effect. For example, wood panels of different colors and textures paired with the same material can create different final effects.

Fourth, spatial form and function: Through basic spatial types such as open spaces, semi-open spaces, and ambiguous spaces, functionally interconnected spaces of different forms can be divided.

2.2. Intangible Cultural Heritage - Xiuyan Shadow Puppet Culture

2.2.1. Formation of Xiuyan Shadow Puppet Culture

Xiuyan shadow puppetry is a traditional theatrical art form from Anshan City, Liaoning Province, and is listed as a national intangible cultural heritage. It originated in the late Ming and early Qing dynasties, formed in the early Qing dynasty, matured in the late Qing and early Republic of China periods, and flourished after the founding of the People's Republic of China. It has retained its original characteristics and is mainly distributed across various townships in Xiuyan and surrounding areas. Long integrated within Manchu communities, it has formed a unique artistic form and thus holds significant academic value.

2.2.2. Characteristics of Xiuyan Shadow Puppet Culture

As a traditional culture of Anshan City, Liaoning Province, Xiuyan shadow puppetry boasts distinct cultural characteristics. Firstly, with a history spanning over 300 years, it has absorbed Manchu culture and other excellent cultures, evolving into a unique folk art. Secondly, it boasts numerous repertories with rich content, including nearly a hundred traditional repertories and over twenty modern ones. Thirdly, its singing style is bold and unconstrained, expressing people's inner feelings through shadow puppetry. These characteristics collectively constitute the unique cultural identity and artistic charm of Xiuyan shadow puppetry.

2.2.3. Current Development Status of Xiuyan Shadow Puppet Culture

Xiuyan shadow puppet culture is currently facing the dilemma of diminishing inheritance. The main issue is the decline in the number of artists, leading to a gradual reduction and consolidation of shadow puppet troupes. Xiuyan shadow puppetry is struggling to survive and is in a critically endangered state, urgently needing innovation in new forms.

2.3. Importance of Xiuyan Shadow Puppet Culture in Dining Spaces

A relatively successful dining space design is a comprehensive design encompassing various elements, including design positioning, themes, styles, circulation, and design elements. Shadow puppetry is a comprehensive folk art with a long history and rich artistic characteristics. The attributes of Xiuyan shadow puppetry are: first, distinctive artistic characteristics with vivid character designs, exquisite facial carvings, and colorful costumes, each character possessing a unique personality and storyline; second, strong comprehensive artistic quality, integrating painting, carving, literature, music, dance, and performance, showcasing comprehensive artistic charm.

The two attributes of Xiuyan shadow puppet elements determine that they are, in a sense, dependent on dining spaces, while dining spaces become richer and more colorful with the addition of shadow puppet elements. On the one hand, Xiuyan shadow puppet elements use dining spaces as a carrier, becoming an integral part of dining spaces and playing the role of design themes and styles. On the other hand, dining spaces extend the expression and scope of Xiuyan shadow puppet elements, breaking traditional forms of expression and promoting multifaceted and multi-layered development. This is of great significance to the development of both dining spaces and shadow puppet culture.

(1) Cultural Inheritance and Display

As a treasure of Chinese traditional culture, Xiuyan shadow puppetry possesses profound historical and cultural connotations. Integrating Xiuyan shadow puppet elements into dining space design is not only a way to inherit and promote this intangible cultural heritage but also an important means to showcase the charm of Chinese traditional culture to customers. Through the use of Xiuyan shadow puppet elements, customers can feel the atmosphere and charm of traditional culture while dining, enhancing cultural identity and pride.

(2) Enhancing Spatial Artistic Sense

The dynamism and narrativity of Xiuyan shadow puppet art are its charms. With its unique shapes, colors, and lighting effects, it adds a strong artistic atmosphere to dining spaces. Decorations featuring Xiuyan shadow puppet elements, such as shadow puppet doll displays and shadow puppet silhouette lamps, create unique lighting effects, making the space more lively and interesting. This artistic design provides a new idea for the transformation of intangible cultural heritage elements in spatial design and enhances the overall aesthetic appeal of dining spaces.

(3) Strengthening Thematic Characteristics

In today's competitive dining environment, dining spaces with distinctive thematic characteristics often attract more attention. As an important representative of Chinese traditional culture, Xiuyan shadow puppet elements can be used to create a space with a strong cultural atmosphere through a series of designs, making dining spaces stand out among many competitors.

3. Applied Research on Xiuyan Shadow Puppet Culture in Restaurant Space Design

3.1. Current Issues in the Research of Shadow Puppet Culture and Restaurant Space Design

In practice, the integration of Xiuyan shadow puppet culture with restaurant space design faces a series of challenges and difficulties, primarily encompassing the following five aspects:

(1) Insufficient Fusion of Artistic Characteristics and Spatial Decorative Functions

Our research needs to proceed from the origin and development of shadow puppet culture, pursuing the artistic features of shadow puppet artistic elements, exploring their modeling characteristics, and how to integrate these elements into spatial design.

(2) Superficial and Distorted Expression of Xiuyan Shadow Puppet Culture

Many designs merely stay at the level of superficial decoration, such as simply hanging a few shadow puppet works, lacking in-depth exploration of cultural connotations and innovative interpretation. This results in shadow puppet elements being "labeled," failing to truly touch people's hearts

and potentially leading to the vulgarization of culture.

(3) Difficulty in Balancing Functionality and Aesthetics

While pursuing the expressive power of Xiuyan shadow puppet art, maintaining the basic functionality of restaurant spaces, such as dining comfort and streamline convenience, is a complex design challenge. Overemphasis on artistic effects may lead to unreasonable spatial layout and decreased practicality.

(4) Obstacles in the Fusion of Xiuyan Shadow Puppet Culture Tradition and Modern Design

How to seamlessly connect the time-honored shadow puppet art with modern design concepts to create spaces that possess both traditional charm and modern fashion sense, while avoiding abruptness, is a significant technical and creative challenge.

(5) Insufficient Continuity in Spatial Narration

The shadow puppet elements in the space should form an organic overall storyline, guiding customers to feel the flow of art and culture as they move, rather than being a collection of scattered fragments. Otherwise, it may cause visual confusion and reduce the immersive experience of the space.

3.2. Application of Shadow Puppet Elements in Different Restaurant Spaces

The application of shadow puppet elements in restaurant space design creates a unique cultural atmosphere and immersion. By breaking down and reassembling the original shadow puppet elements and applying them to restaurant spaces, such as decorative walls, ceilings, and furniture, these elements collectively contribute to creating an artistically charged dining environment.

3.2.1. Manifestation of Xiuyan Shadow Puppet Culture on Walls

We can extract Xiuyan shadow puppet designs and apply locally extracted traditional shadow puppet art forms to wall design. For example, utilize and innovate the characters, floral patterns, birds, and animals in Xiuyan shadow puppets through design techniques such as decomposition and reassembly, exaggeration and deformation, or maintaining the original or appropriately altered proportions, combined with the style and design concept of restaurant space design. Of course, the hollow carving of Xiuyan shadow puppet art is also an important means of wall decoration design, with Xiuyan shadow puppet patterns carved directly or indirectly onto the wall to enhance the decorative sense of the space. In terms of materials, we can pair different stones and woods to create a decorative and modern restaurant space design. In terms of customer flow, we can design storylines from shadow puppets according to customer routes, with each space telling a piece of history. Through text descriptions, guide diagrams, and other forms, customers can understand the legends behind the shadow puppets, their production techniques, and historical changes while enjoying their meals, enhancing the cultural value of the space. These design methods can create wall designs that are challenging and culturally inherent.

3.2.2. Manifestation of Xiuyan Shadow Puppet Culture on Ceilings

The core of Xiuyan shadow puppet theater lies in using light sources and shadow puppets to project dynamic images onto a screen. In ceiling design, we can simulate the lighting effects of shadow puppet theater and create visual effects similar to those of shadow puppet theater through lighting. The modeling designs in Xiuyan shadow puppet art, such as figures, animals, and plants, can be abstracted or simplified and used as decorative patterns on the ceiling. These patterns can be divided into two forms: flat and three-dimensional relief. The artistic sense and cultural atmosphere of the space are enhanced through design expression. In terms of materials, donkey skin is the main material of Xiuyan shadow puppets, with transparency and texture as its main characteristics. In ceiling design, we can use similar materials or imitate the transparency and colors of shadow puppets to create the texture and atmosphere of shadow puppet theater.

3.2.3. Application of Xiuyan Shadow Puppet Culture in Restaurant Decoration and Furnishings

When applying shadow puppet art to restaurant soft decor, simplified character images can be used. Combining shadow puppets with specific furniture adds fun to the furniture. For example, curtains can adopt Xiuyan shadow puppet patterns, such as distinctive Xiuyan shadow puppet patterns, to enhance the cultural characteristics and visual appeal of the curtains. The colors of the curtains can draw inspiration from the "five-color" theory of shadow puppet color matching to create a restaurant space atmosphere that combines tradition with modernity. Pillows and cushions: Pillows and cushions designed with shadow puppet patterns add comfort and artistic atmosphere to the indoor space. Carpets and mats: Shadow puppet patterns can be applied to carpets and mats, bringing a visual focus and cultural characteristics to the floor. This allows people to understand and feel the charm of intangible cultural heritage while using furniture, achieving the purpose of inheriting intangible cultural heritage.

4. Future Directions in Design Research for Xiuyan Shadow Puppet Culture-Themed Restaurant Spaces

4.1. Future Design Directions for Xiuyan Shadow Puppet Culture-Themed Restaurant Spaces

Looking towards the future, the design directions for Xiuyan shadow puppet culture-themed restaurant spaces can primarily unfold along the following four aspects:

Immersive Experience Design

Integrate Xiuyan shadow puppet art into every corner of the restaurant space, from the entrance, lobby, private rooms, to tableware, menus, and even staff uniforms, creating a comprehensive cultural atmosphere. Utilize sound, lighting, and video technology to simulate the effect of a shadow puppet theater, such as through dynamic projections showcasing shadow puppet performances, enhancing the theatricality and sense of participation during the dining experience.

Interactive and Experiential Zones

Establish dedicated workshop areas, inviting shadow puppet artists to demonstrate carving techniques on-site and organize regular workshop courses, allowing guests to personally experience the joy of shadow puppet creation, thereby deepening their understanding and appreciation of this intangible cultural heritage.

Integration of Community Culture and Local Characteristics

Incorporate the local customs and traditions of Xiuyan, blend in local ingredients and dietary habits, and introduce signature dishes that tell stories through food, reinforcing

regional identity. Additionally, the restaurant space can serve as a venue for community activities, organizing various cultural exchange events, becoming a bond that fosters community cohesion.

Green and Sustainable Concepts

Utilize eco-friendly materials, focus on energy conservation and emission reduction, reflecting a sense of responsibility towards the natural environment. For instance, use recycled paper for tableware, advocate for water and electricity conservation, support local handicraft products, and convey a healthy, sustainable lifestyle.

Through exploration along these four directions, future Xiuyan shadow puppet culture-themed restaurant spaces will not only be places for enjoying gourmet cuisine but also multifaceted spaces that carry cultural memories, facilitate social interaction, and appreciate art, nourishing people on both material and spiritual dimensions.

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