



УДК 7.016(510):711.4'06

## THE USE OF TRADITIONAL CHINESE PATTERN ELEMENTS IN MODERN URBAN ENVIRONMENT DESIGN

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*This paper presents the results of an analysis of the experience of integrating traditional elements of Chinese patterns into the modern urban design of China, identifying ways and methods of such integration. By incorporating traditional Chinese pattern elements such as dragons, phoenixes, silk, lotuses, etc., unique cultural color and historical heritage can be added to the modern urban environment. In the design of building facades, public squares, road pavements, and other environmental elements, the use of traditional Chinese pattern elements can create an urban style with characteristics and originality, as well as contribute to cultural heritage and exchange.*

**Keywords:** *traditional Chinese culture, environmental design, Chinese patterns, historical heritage*

### INTRODUCTION

The application of traditional Chinese pattern elements in modern urban design is a way to connect ancient culture with contemporary art. Traditional pattern elements such as dragons, phoenixes, flying clouds, lotuses, peonies, etc., carry rich cultural connotations and symbolic meanings. In modern urban design, designers use these traditional elements to give the city a unique charm and characteristics. These expressive elements can not only reflect the depth of traditional Chinese culture but also bring new vitality and fashion sense to the urban landscape.

### PURPOSE

To identify ways and methods of applying traditional patterns in modern urban design based on the analysis of their use in China.

### RESULTS AND DISCUSSION

Discussing the application of traditional Chinese pattern elements in modern urban design, it can be concluded that the reasonable use of traditional pattern elements can give the city cultural characteristics and uniqueness, improve the city's image and quality. At the same time, it also brings more inspiration and creative sources for modern design, as well as contributes to cultural heritage and exchange. In general, the combination of tradition and modernity to create a unique urban design is a direction worth studying and practicing, which can bring new vitality and charm to the city.



**Fig.1.** The image of Internet

In the discussion, we concluded that the application of traditional Chinese pattern elements in modern urban design is a topic with both challenges and opportunities. On the one hand, integrating traditional elements can add unique cultural heritage and historical origins to the city, but on the other hand, how to integrate traditional elements with modern design concepts remains a problem that needs to be addressed. In the application process, designers need to find a balance between preserving the original taste of traditional elements without appearing outdated, to ensure that the overall design has a modern sense and fashion.

Below is a detailed content of traditional Chinese pattern elements in modern urban design:

1. **Architectural Design:** Traditional pattern elements such as carving, frescoes, tiles, etc., are often used in the decoration of building facades. Dragon and phoenix patterns can often be seen in palaces, temples, and other buildings, demonstrating the traditional Chinese royal style and auspicious meaning.

2. **Landscape Planning:** Traditional pattern elements can be used as decorations for sculptures and garden structures on public squares, garden landscapes, and other places to add a cultural and artistic atmosphere to the city.

3. **Road Paving:** Traditional pattern elements can be integrated into urban roads, pedestrian streets, and other areas through floor tiles, street lamps, and other methods to create a street landscape in traditional Chinese style.

4. **Interior Design:** In commercial spaces, office buildings, and other interior objects, traditional pattern elements can be used in wall decoration, furniture design, etc., to add a unique cultural atmosphere to the space.

5. **Overpass design:** In urban transportation facilities, designers can use traditional pattern elements to decorate overpasses and create urban landscapes with regional characteristics and cultural heritage.



By using traditional Chinese pattern elements, modern urban design can reflect the depth and uniqueness of traditional Chinese culture, contribute to the inheritance and development of culture, and add historical value and the flavor of the era to the city.

### CONCLUSIONS

The application of traditional Chinese pattern elements in modern urban design is of great significance. It can not only contribute to the inheritance and promotion of traditional culture, the formation of a unique urban image, and the improvement of the urban landscape quality but also contribute to the public's attention to cultural heritage and the exchange and integration of Eastern and Western cultures. Therefore, integrating traditional pattern elements into modern urban design is an effective way to enrich the cultural connotations of the city and enhance its overall aesthetics and attractiveness.

### REFERENCES

1. Li Guorui, Talent Training Model of Integrating Chinese excellent Traditional Culture into Environmental design Professional Education. (eds.) *Proceedings of the 3rd International Conference on Innovative Talent Training and Sustainable Development*, Shaanxi Institute of Fashion Engineering, 2023. P. 766-767. DOI:10.26914/c.cnkihy.2023.014586
2. Liu, K. Research on the law of aesthetics and formal beauty in landscape design. *Urban housing* (10), 2021. P. 171-172.
3. Niu Shujiao. Discussion on the application of Traditional Chinese Cultural Elements in Modern Environmental Art Design. (eds.) *Proceedings of the 2019 South China Expo Symposium* (1), Henan Forestry Vocational College, 2019. P. 64-67. DOI:10.26914/c.cnkihy.2019.057015
4. Qi Wei. (2021). Exploring the application of traditional elements in modern landscape design. *Modern horticulture* (21), P. 99-101. DOI:10.14051/j.cnki.xdyj.2021.21.044.

**БУЛГАКОВА Т., ВАН Ж.**

### ВИКОРИСТАННЯ ЕЛЕМЕНТІВ ТРАДИЦІЙНОГО КИТАЙСЬКОГО ВІЗЕРУНКА В СУЧАСНОМУ ДИЗАЙНІ МІСЬКОГО СЕРЕДОВИЩА

У даній роботі представлені результати аналізу досвіду інтеграції традиційних елементів китайських візерунків у сучасний міський дизайн Китаю, визначення шляхів і методів такої інтеграції. Завдяки використанню традиційних елементів китайського візерунка, таких як дракони, фенікси, шовк, лотоси тощо, сучасному міському середовищу можна додати унікальний культурний колорит та історичну спадщину. У дизайні фасадів будівель, громадських площ, дорожніх тротуарів та інших елементів навколишнього середовища використання традиційних китайських елементів візерунка може створити міський стиль з особливостями та оригінальністю, а також сприяти культурній спадщині та обміну.

**Ключові слова:** традиційна китайська культура, екологічний дизайн, китайські візерунки, історична спадщина