

The Application of Tang Dynasty Furniture Cultural Elements in Modern Design Under the Era of Metaverse

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Abstract: Metaverse is a virtual world in which reality and digital realms interact and co-evolve. It seamlessly integrates the real world with the digital world through technological means, providing humanity with a new social platform and a creative space. The emergence of the metaverse not only offers new opportunities for the preservation and development of traditional culture but also presents limitless possibilities for modern design. First, this paper outlines the development history of the metaverse and modern design. Second, in the realm of modern design, designers are tasked with selecting appropriate elements from the Tang Dynasty furniture culture, combining them with modern technology, highlighting the Tang Dynasty furniture culture, and simultaneously considering user needs with a people-centric approach. Finally, it analyzes the practical application of Tang Dynasty furniture cultural elements in modern landscape architecture, interior design, public spaces, and electronic product design, incorporating elements from Tang Dynasty furniture culture into modern design. The metaverse not only contributes to the preservation and promotion of Chinese cultural traditions but also provides a unique source of creativity for modern design. Furthermore, it can drive the development of virtual reality technology and contribute to sustainability in the metaverse era.

Keywords: Metaverse Era, Tang Dynasty Furniture Culture, Modern Design, Application

1. INTRODUCTION

Technological progress is a key prerequisite for the emergence of the metaverse, and advancements in various technologies such as networking, graphics, and artificial intelligence have played a crucial role in its development. For instance, the widespread adoption of technologies such as 5G communication, Wi-Fi 6, cloud computing, blockchain, smartphones, and wearable devices has provided essential technological support for the metaverse. As technology continues to evolve, people are becoming increasingly reliant on the digital world, and the integration of

the digital world with the physical world will be a significant characteristic of the future society. A generation that has grown up with technological products such as the internet and smartphones places a higher emphasis on spiritual needs, is inclined to share and create, and has greater expectations and demands for the metaverse (Guodong et al., 2021). Although the metaverse is currently at an exploratory stage, it will gradually become an integral part of digital life with the development of technology and the advent of the digital age. Through this process, the interaction and application of traditional culture in the metaverse will become a research hotspot. The furniture culture of the Tang Dynasty, an important component of China's outstanding traditional culture, has received widespread attention and appreciation. The Tang Dynasty furniture is known for its robust, ample, spacious, and dignified characteristics, possessing high artistic and historical value. Today, elements of the Tang Dynasty furniture culture are widely used in modern design, providing new design concepts and inspiration for modern design while offering a new path for the preservation and development of traditional culture (Wei, 2023). The emergence of the metaverse not only provides new opportunities for the preservation and development of traditional culture but also presents limitless possibilities for modern design. Through the interaction and application of elements from the Tang Dynasty furniture culture in the metaverse, designers can create unique and personalized works that cater to consumers' desire for a high-quality life.

2. THE DEVELOPMENT HISTORY OF META-UNIVERSE ERA AND MODERN DESIGN

The era of the metaverse and the development of modern design can be traced back to 1984 when American science fiction writer William Gibson first coined the term "Cyberspace." This term was later adopted by Jaron Lanier, who introduced the concept of "Virtual Reality" (VR). In 1992, Neal Stephenson creatively introduced the concept of the "Metaverse" in his science fiction masterpiece "Snow Crash." In his depiction, the metaverse is a vast virtual world where people can engage in various activities such as socializing, entertainment, and commerce (George et al., 2021). This concept was first considered at the beginning of the metaverse period. With the development and widespread adoption of the internet, people have begun to realize that metaverse is not merely a concept related to virtual reality technology but rather a form of virtual reality that can be

applied to various scenarios and interconnected with the real world. As we enter the 21st century, especially with advancements in technology, including graphics processors, cloud computing, and mobile internet, virtual reality has started to experience rapid growth. During this phase, individuals can experience more realistic and immersive virtual worlds using VR technology on various devices. Modern designs have evolved continuously. Modern design emphasizes innovation, practicality, and aesthetics, and considers changes in user needs and lifestyles. The application of virtual reality technology in modern design has become increasingly widespread (Ma, 2022). For example, in product design, designers can use virtual reality technology to design and test models, thereby gaining a more accurate understanding of a product's appearance, functionality, and user experience. The popularity of the metaverse has surged since 2021. Major tech companies worldwide have entered a metaverse space, introducing various hardware devices and application scenarios. For example, Facebook launched a virtual reality social platform called "Horizon Worlds," ByteDance acquired the virtual reality startup Pico, and Roblox released a metaverse game and went public on the NYSE. In this phase, the metaverse evolved from being merely a concept into an inseparable and closely interconnected new ecosystem of human society (Yang & Hu, 2022). Within this ecosystem, people can engage in various activities in the virtual world, including socialization, entertainment, and commerce. Simultaneously, the metaverse can also be closely linked to the real world, for example, through virtual reality technology which enables remote work and online education. The evolution of the metaverse era and modern designs is ongoing. With continuous technological advancements and an increasing understanding of virtual reality, the metaverse will find applications and further developments in various fields.

3. THE APPLICATION OF TANG DYNASTY FURNITURE CULTURAL ELEMENTS IN MODERN DESIGN IDEAS

The Tang Dynasty was a prosperous period in Chinese history, and its furniture culture exhibited unique characteristics and styles. The Tang Dynasty furniture cultural elements encompassed graceful lines, intricate carvings, vibrant colors, and opulent decorations. These elements not only held significant aesthetic value but also reflected the attitudes towards life and aesthetic tastes of the people during the Tang Dynasty. Incorporating elements of Tang Dynasty furniture culture into modern design requires a

fusion of modern technology and contemporary aesthetic concepts to achieve innovation and breakthroughs in design. Simultaneously, it necessitates the careful selection of suitable elements and a people-centric design philosophy to meet the dual pursuit of historical culture and modern living.

3.1 Selection of Suitable Elements

The Tang Dynasty furniture cultural elements encompassed various patterns, carvings, colors, and decorations. When incorporating these elements into modern design, it's essential to carefully select the appropriate elements based on the intended theme and contemporary aesthetic concepts. Regarding materials and colors, Tang Dynasty furniture featured a rich variety of materials such as huangyang wood, rosewood, and zitan, as well as a diverse range of colors including red, yellow, blue, and green. These materials and colors can provide modern design with fresh inspiration and expressive potential. In terms of pattern and carving design, Tang Dynasty furniture exhibited exquisite patterns and carvings, including mythical creatures like dragons, phoenixes, and qilins, as well as natural patterns like peonies, chrysanthemums, and water waves. These patterns and carvings can enhance modern design with decorative effects and cultural depth, and Tang Dynasty furniture has distinctive and ergonomic designs for chairs, tables, beds, and other pieces. Attention to detail is a hallmark of these designs. These characteristics can serve as valuable references for modern design (Ryan & Morgan, 2007). In modern design, the selection of suitable Tang Dynasty furniture cultural elements should consider various aspects, including materials, colors, patterns, and carvings. Moreover, the integration of these elements with contemporary aesthetic concepts and cultural connotations should be emphasized to create designs that possess both historical charm and modern aesthetic appeal (Pan & Ye, 2020).

3.2 Focus on Human-Oriented

When applying elements of the Tang Dynasty furniture culture, it's essential to consider users' needs, habits, and comfort to achieve a human-centered and practical design. The Tang Dynasty furniture cultural elements can be integrated into modern home designs to satisfy people's dual pursuit of historical culture and modern living. In terms of ergonomics, the Tang Dynasty furniture design prioritized human comfort. When applying Tang Dynasty furniture cultural elements to modern

design, the principles of ergonomics should also be considered to achieve human-centered and practical design. For instance, when incorporating Tang Dynasty chair designs into modern home design, the comfort of the seat and backrest needs to be considered to align with modern usage habits and health requirements. Considering users' needs, Tang Dynasty furniture design not only pursued aesthetics but also considered functional needs and scenarios. Modern design, when integrating the Tang Dynasty furniture cultural elements, should also consider users' needs and scenarios to meet people's dual pursuit of historical culture and modern living. For example, when incorporating Tang Dynasty table designs into modern dining or tea rooms, it is necessary to consider how to meet the requirements for food placement, dining, and tea enjoyment. Regarding user experience, a people-centric approach should also account for user feedback and feelings when applying elements of the Tang Dynasty furniture culture. This helps meet users' aesthetic demands and experience in modern design. For example, when applying carvings and patterns from the Tang Dynasty furniture to modern home design, considerations should be made on how to let users experience the unique charm and beauty of historical culture (Dong, 2021). Sustainability is a crucial aspect of modern designs. When applying elements of the Tang Dynasty furniture culture, considerations should be given to achieving sustainability and environmental friendliness in the design. For example, the creative use of intricate carvings and patterns from Tang Dynasty furniture, in combination with modern sustainable materials and technologies, can create home products that possess both historical charms and modern aesthetic appeals. When applying elements of the Tang Dynasty furniture culture, a people-centered approach should encompass ergonomics, user needs, user experience, and sustainability, among other aspects, to achieve innovation and breakthroughs in design while satisfying people's dual pursuit of historical culture and modern living.

3.3 Combining Modern Technology

When applying elements of the Tang Dynasty furniture culture, modern technologies such as digital technology and new materials technology can be integrated to achieve innovation and breakthroughs in design (Xiong et al., 2022). For example, digital technology can be used to digitize the patterns and carvings of Tang Dynasty furniture, combined with modern home design concepts, to create home products that possess both historical charms and modern aesthetic appeals. Digital Technology: Digital technology can assist in digitizing Tang Dynasty furniture cultural

elements to achieve innovation and design breakthroughs. For example, patterns and carvings from the Tang Dynasty furniture can be scanned and digitized using digital technology, and then combined with modern home design concepts to create home products that possess historical charm while aligning with modern aesthetics (Hu, 2022).

New Materials Technology. New materials technology can be employed to create materials for Tang Dynasty furniture cultural elements, such as high-strength lightweight materials and environmentally friendly materials. These new materials can enhance the durability, eco-friendliness, and comfort of the furniture. For example, new material technology can be used to produce decorative items or home products resembling Tang Dynasty wood carvings, enhancing the quality and aesthetics of homes.

Smart Technology. Smart technology can be incorporated into the application of Tang Dynasty furniture cultural elements, including smart control systems and sensors. These smart technologies can make the furniture more intelligent, convenient, and efficient. For example, smart control systems can automate the control and adjustment of Tang Dynasty furniture, thereby improving comfort and convenience.

Modern Engineering Technology. Modern engineering technology can be used in the manufacturing and construction of Tang Dynasty furniture cultural elements, including modern machining and 3D printing technologies. Modern engineering technologies can enhance efficiency and quality in manufacturing and construction. For example, 3D printing technology can be utilized to create decorative items or home products resembling Tang Dynasty wood carvings, enhancing home quality and aesthetics.

Incorporating the Tang Dynasty furniture cultural elements into modern design requires the integration of various modern technologies, including digital technology, new materials technology, smart technology, and modern engineering technology, to achieve innovation and breakthroughs in design while enhancing the quality and aesthetics of homes.

3.4 Highlighting Cultural Characteristics

The Tang Dynasty furniture cultural elements possess a high level of recognizability and uniqueness. When applied to modern design, they can emphasize cultural characteristics of the design. Symbols and imagery from the Tang Dynasty can be incorporated into the design to convey themes and emotions. In the use of symbols and imagery, the Tang Dynasty furniture cultural elements feature strong symbolism and imagery, such as dragon, phoenix, peony patterns, and carvings, which can be integrated into modern design (Hu & Hu, 2019). By utilizing these symbols and

imagery, design themes and emotions can be expressed, highlighting the distinctive cultural features of Tang Dynasty furniture culture. In the fusion of tradition and modernity, the combination of Tang Dynasty furniture cultural elements with modern design requires a careful balance between tradition and modernity. When applying the Tang Dynasty furniture cultural elements, consideration must be given to modern aesthetic concepts and cultural connotations to achieve innovation and breakthroughs in design. Simultaneously, the unique charm and value of the Tang Dynasty furniture cultural elements should be emphasized to underscore their cultural distinctiveness. In exploring cultural connotations, the Tang Dynasty furniture cultural elements represent rich cultural meanings, such as a love for life and a pursuit of beauty. When incorporating the Tang Dynasty furniture cultural elements, a deep exploration of these cultural connotations is essential, integrating them into modern design. This approach adds cultural depth and uniqueness to the design. Regarding regional characteristics, the Tang Dynasty furniture cultural elements exhibit distinctive regional features, such as Tang Sancai ceramics and blue-and-white porcelain. When applying these elements, they can be combined with the regional characteristics of modern design to achieve innovation and breakthroughs in design. For instance, using Tang Dynasty furniture patterns and carvings to create home products with regional characteristics can highlight the design's cultural uniqueness. Incorporating the Tang Dynasty furniture cultural elements into modern design necessitates attention to the use of symbols and imagery, the fusion of tradition and modernity, the exploration of cultural connotations, and the expression of regional characteristics. Additionally, modern technology and contemporary aesthetic concepts should be integrated to achieve design innovation, breakthroughs, and enhance the quality and aesthetics of homes (Zhang, 2019).

4. TANG DYNASTY FURNITURE CULTURAL ELEMENTS IN MODERN DESIGN APPLICATION PRACTICE

4.1 Landscape Garden Design

In landscape garden design, elements of Tang Dynasty furniture culture are widely utilized. By incorporating elements from Tang Dynasty architecture, sculptures, plants, and more, the grand and colorful aspects of Tang Dynasty culture are vividly displayed. In addition, water features, rock formations, and plants in landscape gardens draw inspiration from

Tang Dynasty culture, incorporating elements such as lotus flowers and stone sculptures. Regarding spatial layout, Tang Dynasty gardens emphasize hierarchical and dynamic spatial arrangements. By ingeniously employing elements such as rocks, water bodies, plants, and architecture, they create spaces that are intricate, varied, and reveal grandeur (Li, 2022). In landscape garden design, one can draw from the spatial layout characteristics of Tang Dynasty gardens and employ techniques like obstruction, guidance, and interjection to create multi-layered, dynamically changing landscape spaces. In terms of architectural style, Tang Dynasty architecture is characterized by its grandeur, attention to the curves and upturned corners of roofs, and a focus on harmonizing architecture with nature. In landscape gardens, one can leverage the characteristics of Tang Dynasty architectural style, combining them with modern materials and techniques to create architectural works that exude traditional charm and modern sensibilities. Carved decorations on Tang Dynasty furniture exhibit rich and diverse patterns, including animals, plants, and figures, all possessing high artistic value. In landscape gardens, the art of carving can be applied to decorate elements like walls, railings, and seats, creating an atmosphere that is elegant and rustic. In water feature design, Tang Dynasty gardens excel in their treatment of water features, skillfully utilizing natural and artificial water sources to enhance the liveliness and appeal of the landscape. In plant arrangement, Tang Dynasty gardens pay attention to plant placement and landscaping, skillfully using the form, color, and fragrance of plants to create various moods. In landscape garden design, one can make rational plant arrangements and landscaping based on the growth habits and ornamental characteristics of plants, crafting distinct seasonal and colorful plant landscapes (as seen in Shanghai Baoshan's Qiyuan, illustrated in Figure 1). Qiyuan's architecture employs traditional Chinese timber construction techniques, entirely relying on mortise and tenon joints, reviving the architectural style of the Tang Dynasty and conveying the appearance of traditional Chinese architecture (Figure 2). The layout of the garden revolves around the Jin Pagoda, with structures such as the Water Heart Pavilion, Song Tao Pavilion, and Buddha Incense Pavilion arranged sequentially from south to north, interspersed with mountainous and waterscape compositions. Throughout the garden, unique scenes feature trees and flowers intertwined with stream stones and flowing water. Visitors can move along the north-south central axis, changing perspectives, or take a leisurely walk along the return path to appreciate the charm of Tang Dynasty-style gardens.



Figure 1: Shanghai Baoshan Gion



Figure 2: Detail of the mortise and tenon structure of the Gion Golden Pagoda in Shanghai

The application of Tang Dynasty furniture cultural elements in landscape garden design primarily manifests in aspects such as spatial layout, architectural style, carved decorations, water feature design, and plant arrangement. By ingeniously employing these elements, one can create landscape garden works that blend traditional charm with a modern sensibility.

4.2 Home Design

In modern home design, elements of Tang Dynasty furniture culture are

increasingly being widely utilized.

For example, in the design of furniture shapes and patterns, characteristics of Tang Dynasty furniture, such as the carving and curved designs of chairs, tables, and beds, are incorporated. Furthermore, in home decor, elements of Tang Dynasty culture are also extensively employed, including ceramic products like Tang Sancai and blue-and-white porcelain, as well as folk crafts such as embroidery and paper-cutting. In terms of furniture design, Tang Dynasty furniture is known for its tall, delicate, and graceful features. Its design often incorporates curves and arcs, giving a soft and rounded feeling. In modern home design, one can adopt the design features of Tang Dynasty furniture and combine them with contemporary aesthetic principles for innovative designs. For example, the Early Rain Terrace Screen Daybed replicated by the Xishanqingyuan team (Figure 3). In the process of designing and creating Tang-style furniture, the Xishanqingyuan team conducted research on Tang Dynasty furniture artifacts and paintings, striving to experience the charm of the Tang Dynasty and immerse themselves in that era. They aimed to minimize the infusion of their own personalities and interpretations into the works but rather aimed to reproduce and restore the atmosphere of that era.

In the selection of furniture materials, Tang Dynasty furniture predominantly used wood, such as huangyang wood and zitan wood. You can draw inspiration from the material choices of Tang Dynasty furniture by using wooden furniture as the main element and combining it with modern materials like glass and metal to create a home environment that possesses depth and modernity.

In terms of pattern and carved decorations, the patterns and carvings on Tang Dynasty furniture are essential components of its cultural elements. For instance, the Early Rain Terrace Screen Daybed features a sword pattern on the side rail (Figure 4), which adds enduring details and a hint of antiquity to the overall elegant design. In modern design, you can use wallpapers, floor tiles, carpets, and other decorative elements featuring Tang Dynasty patterns on walls, floors, and furniture. The Tang Dynasty furniture cultural elements have also influenced the interior space layout in modern interior design. In interior space planning, you can borrow from the characteristics of Tang Dynasty furniture and employ flexible and versatile space layout techniques to meet various functional needs. For instance, you can create a flexible and open feeling by using multi-level and multi-angle interior space layouts.



Figure 3: The clear mountain and the early rain around the screen couch



Figure 4: The Clear Distance in the Stream and the Mountain The Morning Rain Around the Screen Couch-Detail

The application of Tang Dynasty furniture cultural elements in home design primarily manifests in furniture shape design, furniture material selection, pattern and carving decoration, as well as interior space layout (Zhang & Xu, 2020). In the design process, it is essential to adhere to the user-centric design principles, taking into full consideration people's usage needs and habits, in order to create a comfortable, aesthetically pleasing, and practical home environment.

4.3 Public Space Design

In public space design, elements of Tang Dynasty furniture culture are widely employed. For instance, in the design of places like museums, cultural centers, and hotels, elements of Tang Dynasty furniture culture are used to create a space ambiance imbued with cultural richness. Moreover, the distinctive features of Tang Dynasty architecture find their way into the designs of certain public buildings, such as the utilization of Tang-style

roofing in some public structures. In the exterior design of public buildings, the characteristics of Tang Dynasty architecture are extensively incorporated into their architectural exteriors. For example, in the design of places like museums, cultural centers, and hotels, elements like Tang Dynasty-style roofs, bracket sets, and carvings can be employed to create architectural images with historical and cultural significance. This design approach also reflects the inheritance and development of traditional culture. In the layout design of public spaces, elements of Tang Dynasty furniture culture are applied in the layout design of public spaces. For instance, in public transport locations like train stations and airports, Tang Dynasty furniture can be used as seating and reception desks to enhance the quality and comfort of the space. In the decoration design of public spaces, elements of Tang Dynasty furniture culture are also integrated into the decoration design of public spaces. For example, Chengdu Jianfa's Tang Yin Yue (Figure 5). Different from traditional design concepts, Tang Yin Yue, under the established constraints of Tang-style architecture, unfolds a narrative that is destined to be a grand architectural epic. Along the spatial circulation before reaching the entrance, designers have created a grand imperial path sequence for visitors. Starting from the first ceremonial gate, which is about 57 meters wide and 10 meters high, the Tang Dynasty style is evident, inspired by the main hall of the Daming Palace in Chang'an City, exuding the splendid elegance of the Tang Dynasty. The entire building is symmetrically laid out along the street, with walls divided in the Tang Dynasty style, featuring layered terraces, eaves, round columns, straight lattice windows, and ornamental ridge beasts, all based on Tang Dynasty elements, and interpreted using modern materials, embodying the grandeur and intricacy of Tang-style architecture.



Figure 5 : Chengdu C&D Guantang Yingyue

The application of elements from Tang Dynasty furniture culture in the design of public spaces primarily manifests in the aspects of architectural exterior design, decoration design, and layout design. These practices not only promote the essence of Tang Dynasty culture but also enrich the visual language and emotional expression of public spaces. Furthermore, these practices demonstrate that the combination of traditional cultural elements with modern public space design can yield a unique aesthetic appeal and cultural charm.

4.4 Electronic Product Design

In modern electronic product design, elements from the Tang Dynasty furniture culture have also been drawn upon. For instance, some mobile phones and computers incorporate design elements inspired by Tang Dynasty furniture, such as intricate carvings and curved shapes. Additionally, Tang Dynasty culture's colors and patterns are widely used in interface design.

In mobile phone design, certain brands have attempted to blend Tang Dynasty style with modern design to create phones with distinctive Tang Dynasty characteristics. For example, one brand introduced a smartphone called "Tang Feng," which incorporates elements from Tang Dynasty architecture, such as arches and carvings, while also embracing a modern minimalist design style. Furthermore, the smartphone's interface design draws inspiration from Tang Dynasty painting and sculpture styles, allowing users to experience the ambiance of Tang Dynasty culture while using the phone. In computer design, some brands have also begun to explore the fusion of Tang Dynasty style with modern design.

For example, in November 2020, ASUS collaborated with Xi'an's Daming Palace to release the "Lingyao 13s Daming Palace Limited Collector's Edition" laptop (Figure 6). This laptop incorporates classic elements from Daming Palace architectural artistry using exquisite craftsmanship, evoking the elegance of the Tang Dynasty. Traditional aesthetic visual elements like auspicious clouds, mythical creatures, peonies, and palaces were reinterpreted in a fashionable manner, using laser engraving techniques (Figure 7). The ASUS Lingyao 13s Daming Palace Limited Collector's Edition refreshes ASUS' philosophy of Eastern aesthetic design, adding collectible value to high-tech products while allowing the rich and profound traditional cultural heritage to radiate timeless fashion charm in the modern society.

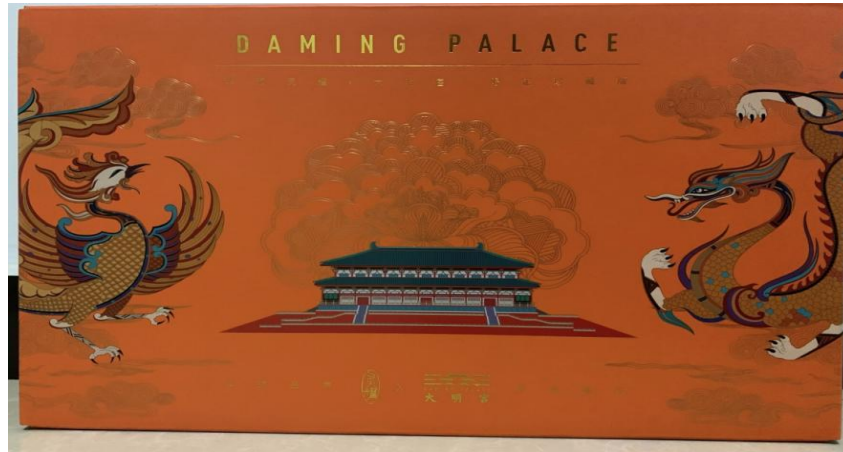


Figure 6: ASUS Lingyao 13s Daming Palace Limited Collector's Edition Laptop Packaging Gift Box

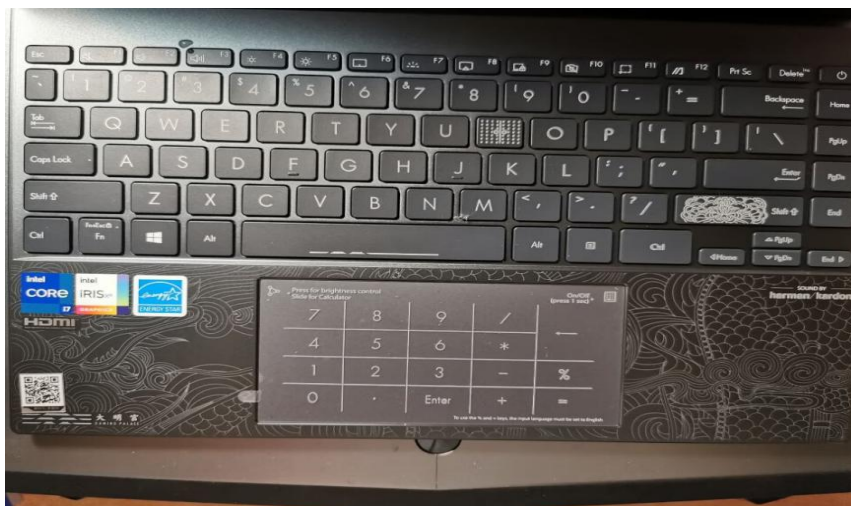


Figure 7: ASUS LingYao 13s Daming Palace Limited Collector's Edition laptop

The application of the Tang Dynasty furniture cultural elements in electronic products primarily manifests in the design of their appearance and interfaces. These practices not only promote the essence of Tang Dynasty culture but also enrich the visual language and emotional expression of electronic products. Moreover, these practices demonstrate that combining traditional cultural elements with modern electronic product design can generate a unique sense of beauty and cultural charm.

5. CONCLUSION

As technology continues to advance and the digital age unfolds, the application of the Metaverse and Tang Dynasty furniture cultural elements in modern design is expected to become increasingly widespread. This article explores their application background and specific cases in modern design, starting from the Metaverse and Tang Dynasty furniture cultural

elements. On one hand, Metaverse technology can provide modern design with entirely new virtual spaces and communication platforms, making interactions between designers and users more closely-knit and efficient. On the other hand, Tang Dynasty furniture cultural elements offer valuable historical and cultural resources to modern design, endowing design works with distinct characteristics and cultural significance rooted in Chinese culture. In the era of Metaverse, the application of Tang Dynasty furniture cultural elements in modern design can be recommended from the following aspects: Explore the Cultural Value of Tang Dynasty Furniture: Tang Dynasty furniture's forms, colors, patterns, and more can serve as inspiration for modern design. Designers can draw from the uniqueness of Tang Dynasty furniture and incorporate it into modern design. Innovation Through Modern Technology and Needs: Utilize technologies like virtual reality, 3D printing, and more to digitize Tang Dynasty furniture, making it more widely applicable in modern design. Additionally, combine modern human-computer interaction and artificial intelligence technologies with Tang Dynasty furniture cultural elements to create innovative modern designs. Prioritize Green and Sustainable Practices: During the digitization process, use eco-friendly materials to reduce the negative environmental impact. Furthermore, draw from the craftsmanship and materials used in Tang Dynasty furniture to adopt sustainable practices, ensuring that modern design aligns better with the environment. Enhance International Exchange and Promotion: Showcase the charm of Tang Dynasty furniture cultural elements and modern design through international exhibitions, academic exchanges, and other means to promote the international dissemination and development of Chinese culture. In the Metaverse era, the application of Tang Dynasty furniture cultural elements in modern design should focus on exploring cultural value, innovating through modern technology, embracing green and sustainable practices, and enhancing international exchange and promotion. Only through continuous exploration and innovation can Tang Dynasty furniture cultural elements find broader applications and development in modern design.

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