Research on the Application of Narrative Montage in Interior Design Based on Computer Technology

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Abstract. With the rapid development of the film and television industry, the techniques in the film industry have been applied to interior design. Among them, montage editing technique is the most important method in the field of film art, which can represent a creative and unique art. Therefore, narrative montage has become an important theory for people to show interior design, which is a way to narrate the story to the audience through the lens and lens conversion. Through the narrative montage technique, we can express a strong artistic appeal, which can convey the central idea of interior designers. Through this method, we can arouse the resonance of the audience, which has become an important way of art development. Firstly, this paper analyzes the main categories of narrative montage. Then, this paper lists two examples, which can better show the new design methods of interior environment design.

Keywords: Computer Technology, Narrative Montage, Interior Design

1. Introduction
With the improvement of human living standards, people have higher and higher requirements for interior design, which also requires interior designers to continuously improve their design ability [1]. Through art commercialization, we can give interior design a subjective emotional demand, which will improve the commercial value, creative process and skills of interior design [2]. Therefore, narrative montage has become a unique language, which can better meet the needs of the development of human society [3]. Montage thinking can realize the unity of time and space through the continuous capture of things by the eyes, which is a method of combining and unifying fragments through the capture of reality fragments. Through the unity of time and space, we can divide, disperse and jump, which can make a deeper appreciation of the surrounding things [4-7]. Montage is one of the most appropriate ways to show and reflect, which has been gradually applied in the field of architecture, garden and other arts. Through the correlation analysis of interior space, we can explore the existing interior design flash, which will create a new space form. Through the narrative montage technique. This will add more vitality to the interior design and plot [8].

2. Classification of narrative montage
Narrative montage is an important method in film, which has been applied in interior design. There are many categories of narrative montage, as shown in Figure 1.
Figure 1. Classification of narrative montage.

2.1. Parallel montage
Parallel montage is a kind of parallel narration which puts two or more story clues in different time or space under a unified theme context. Story clues are interrelated and cause and effect each other. Parallel montage will cut the story paragraphs in a way of interleaving and contrast, which will summarize the content of the film without affecting the fixed length of the film. Therefore, parallel montage can expand the amount of information in the film, which can make the story fully dense [9]. By condensing the artistic appeal of the works, we can bring the audience a full sense of rhythm. In interior design, two or more spaces with different functions will be limited by time and space. Therefore, it is difficult for us to arrange space by juxtaposition. Apple's flagship store of sales experience in New York has a distinctive personality, which is a typical parallel montage approach. When designing, the interior space is transparent and attractive, which needs to make a space-time juxtaposition of the two. Among them, the glass revolving staircase is the focus of the audience, which is the focus of montage design. Customers can get a sense of crisscross time and space from the top to the bottom of the stairs. There is no intersection between the two routes, which allows you to choose one of them. Parallel montage brings us a different visual feast by transforming the boring and annoying stair climbing behavior into a pleasant space experience for customers [10].

2.2. Cross montage
Cross montage and parallel montage are similar in narration, but different in effect. Cross montage tends to speed up the narration of causal events, which can create a tense atmosphere. Cross montage emphasizes the transmission of emotional information, which will lead the audience to have ups and downs in the rapid transformation of the plot. By making the audience feel the thrilling story development, cross montage can play the role of rendering the atmosphere. With the development of the plot, the audience will have emotional ups and downs, which will increase the viewing of the film. Through the analysis of cross montage video clips, we can find that when multiple events in the same theme are crossed and postpositioned, the whole story still maintains tight coherence. In the interior space design, cross montage is mostly used in the space with complex structure. By combining different spaces into an organic whole, we can give people a unique experience [11].

2.3. Continuous montage
Continuous montage is to spread the events rhythmically in the order of time according to the logical order, which emphasizes the coherence of events. Almost straightforward continuous montage, though plain and simple, will convey a very stable emotion. Therefore, it is difficult for the audience to follow the film and have great emotional fluctuations, which will make the film too straightforward and boring. Therefore, we should assist the appearance of parallel montage and cross montage. In the
interior space, continuous montage is often arranged and organized according to a clear theme, which has a relatively simple idea. Therefore, the shadow of continuous montage can be seen in the layout of many space scenes, such as the layout of conventional library furnishings [12].

2.4. Repeat montage
Repetitive montage is to achieve the purpose of highlighting the theme and theme through the repeated appearance of specific things, which can deepen the audience's impression again and again. At the same time, repeating montage can convey the profound thoughts behind the film to the audience, which will expand the connotation of the film. Therefore, repetitive montage has very obvious rhythm and rhythm, which can make the audience have a sense of substitution. In the field of interior design, the expression of repetitive montage is the analogy or reuse of space elements, which can highlight the theme and idea of design. For example, through the concept of "green, healthy and ecological", we can make the Square commercial space design repeatedly appear the elements representing "green, healthy and ecological". By repeating the montage technique, we can create a space atmosphere suitable for the theme, which will allow the viewer to fully integrate into it.

3. The practice of Taiqi technique in interior design

3.1. Study of Sancun Jinlian folk custom museum
The three inch Jinlian folk custom museum is located in Anren Town, Chengdu City, Sichuan Province. It has been more than 10 years since the establishment of this museum. This museum mainly displays and collects the bow shoes of ancient women with small feet. Therefore, the three inch Jinlian Folk Museum is one of the folk museums. Through the interweaving of gauze curtain and red rope, we can connect and divide the area, which can be used to divide the space. The museum is in the form of storytelling, which can be based on the continuous montage technique. We can design in chronological order by means of cross montage. The museum can follow two main lines. The first is the way that ancient women entangled themselves from their youth to get married and have children. They can go to the end of their lives by themselves. Second, we can analyze the historical background from the "three inch Golden Lotus" of foot binding in childhood to the "liberation foot" of foot releasing movement in the period of the Republic of China, which will reflect the development of modern and modern women's life. Through two main lines at the same time, cross montage technique can run through the life of Chinese women. From the functional layout, the first thing that comes into view is the "Golden Lotus God" facing the gate, which is the object of worship of ancient women with small feet. Using pictures and words, we can let you have a detailed understanding of the development of the whole "three inch Golden Lotus", which belongs to the montage technique of flashback montage. Through pictures and words, we can give you an overview of the tragic life of ancient women with small feet, which is a parallel montage technique. We can show the concept of repetition through the restoration and display of several consecutive scenes, such as "twining little feet" scene, making needlework scene, matchmaker talking and getting married. The case of Sancun Jinlian folk custom museum is shown in Figure 2.
Figure 2. Three inch Jinlian folk custom museum case.

3.2. Kindergarten cases
Chuong Kim 2 kindergarten in Vietnam is a typical montage technique, as shown in Figure 2. When multiple functions are parallel in the same space, we can form a rich space, which makes it easy for children to perceive the outside world. Therefore, the kindergarten is arranged in the form of parallel alternate floors, which will replace the conventional single design method. In this way, we can achieve the effect of multi space parallel. Outside the kindergarten, stairs, slides, elevators and other means often appear, which makes the traffic space between adjacent floors not monotonous. When we take the revolving stairs, we can see the outside scenery. At the same time, alternate floors and access modes are not sealed, which are exposed to each other. By experiencing space from multiple angles, we can bring the pleasure of vision change. Therefore, children can get different sensory experience at the same time. Through the use of multiple parallel spaces, we can express the same use of functional space, which will stimulate the curiosity of users. Under the influence of psychology, we can drive the behavior of the body, which will achieve the dual role of psychological and physical experience. Therefore, parallel montage technique can use multiple parallel spaces, which will enhance children's sense of interesting experience.

Figure 3. Chuon Kim 2 kindergarten
4. Conclusion

Good interior design works must have good function and innovation, which is the ability that designers must have. In the case of functional satisfaction, we must innovate the traditional interior design techniques. Through computer technology, we can design narrative montage technique, which will bring us different artistry and interest. Therefore, the interior space will become more attractive, which will form the key content of interior design.

References

[1] Chen Hongyu. Interior design application of narrative montage [J]. Invention and innovation · vocational education, 2018, (5): 56.
[2] Chen Jie. Research on color matching based on kindergarten interior space [J]. Design, 2016, 29 (19): 146-145.
[3] Li Ya'nan. How to correctly use montage in interior design [J]. Scientific Chinese, 2015, (4): 144-147.
[4] Liu Lianquan, Xiao Yina. Research on the application of montage technique in interior design [J]. Research on Urban Construction Theory (electronic version), 2015, (2): 2444-2444.
[5] Ma Chunmei. Requirements of modern preschool education on kindergarten architectural design [J]. Low temperature building technology, 2008 (06): 16-17.
[6] Song Yu. Application and practice of montage artistic expression in film and television editing and directing [J]. Science and technology communication, 2016,8 (14): 18-18,32.
[7] Tang Jian, Wang Fei. Research on interior design techniques of narrative montage kindergarten [J]. Design, 2019,32 (9): 56-57.
[8] Wu Jing. Space montage design of Italy Pavilion of Shanghai World Expo [J]. Grand stage, 2013, (10): 152-153.
[9] Xu Tao. Color psychology and interior space color design [J]. Modern decoration (Theory), 2011, 08 (28): 112-114.
[10] Yin Jing. Research on environmental art design of kindergarten activity room from the perspective of human care [J]. Design, 2016, 29 (2): 106-107.
[11] Zhi Lin, Xu Xia. Research on the application of narrative montage in interior design [J]. Art education, 2018 (3): 155-156.
[12] Zu Yunyu. Montage DuGe courtyard boutique hotel in Siheyuan [J]. Interior design and decoration, 2009, (8): 48-53.