

The Innovation and Inspiration of Science Fiction Movies to Interior Design Based on Future Perspective

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Abstract: *The interrelation between science fiction film and future interior design is inevitable. Both are the art of space, one is embodied in virtual space, the other is embodied in real space. Science fiction movies express space through image language, while interior design embodies three-dimensional space through the basic elements of entity. This paper explains the concepts of sci-fi film and interior design, defines the similarities and differences of the two concepts, summarizes the development of interior design, combs the commonness of the two cross-connections through their characteristics, and discusses the application and influence of sci-fi film in interior space by the method of practical case study.*

Keywords: Science Fiction Film; Future Interior Design; Modernism; Cross-Cutting Studies.

1. OVERVIEW OF SCIENCE FICTION FILM AND INTERIOR DESIGN

Science fiction movies use images to show three-dimensional space, present the future imagination of space appearance in advance through the creation of science fiction movies in the public view, so that people gradually have hope for the future life space, this subconscious influence, Stimulate people's desire for future space design, thus creating a new living environment and space. It can be concluded that science fiction movies can affect the future direction of space design to some extent. Only by excavating the essential characteristics of sci-fi movies and indoor space can we be more able to adapt to the changes of future space environment and create more suitable indoor space for human beings.

Interior design and film belong to the main professional direction of art design, and are also the two mainstream professional directions of art design. The research object of interior design is space environment, and the research content of film specialty is virtual image space design and production. Their design is basically consistent. The future society is no longer limited to the specific subjects and knowledge we have, but through intersection and compatibility, it is possible to make students' art teaching design keep pace with the times and change their future life. For example, the combination of interior space design and film architecture production is a good example. The interior design space is presented to the public through the flow of visual film art to help the public understand the spatial existence that may occur in the future. No longer reinforced concrete interior space, but a living dynamic space. There are both links and differences, which will help more designers and interdisciplinary scholars in academic research and practical application.

1.1 Traceability of Interior Design Development

The history of human interior design can be traced back to the residence of primitive man's cave thousands of years ago, when primitive man graffitied his cave with the earliest stone tools to beautify and decorate his cave. It can be said that these graffitied caves are the earliest human interior design. Then humans began to build stone houses on land, or to build the earliest wooden houses with various wooden frames. With the change of years and history, interior design came into being with the design of the earliest stone houses and wooden houses. The exclusion of the earliest interior design and the natural environment of the primitive human beings at that time really affected the social economy and politics of people's life, and these indescribable factors really became an important part of the interior space design. These indescribable factors can not be fully reflected in spatial design, but after the emergence of future films, all consciousness and unspeakable concepts can be presented to people through the artistic language of films.

In the ancient Greek and Roman period of the West, the unique structural elements such as pillars, arches, domes and so on gradually evolved into new artistic forms in a certain historical evolution, such as Gothic, Byzantine and

Roman styles; while the interior design style continued the various elements until the late Middle Ages. In the late Middle Ages in Europe, the Renaissance, initiated by a group of artists in Italy, gradually evolved the style of interior space design of the Renaissance into a romantic hedonic baroque style and light, exquisite, exquisite and complex Rococo style.

The industrial technology revolution in Britain has brought about the development of new industries all over the world, and has swept the world. The progress of industrial science and technology, including China, has also brought a new chapter to the whole interior space design. The renewal of new technology and materials has changed modern interior design and past interior design. In the past, interior design advocated technology first, of course, which was closely related to the influence of the early industrial revolution. With the progress of modern technology, the innovative concept of advanced stream of consciousness was implanted. In the past, some traditional elements in interior design gradually used less and less. For the first time in the 19th century, the seemingly unremarkable bathroom began to enter interior design as an indispensable space in indoor space, and in the West, the kitchen used to be a place for servants to work. Later, functional use gradually evolved into the most important space in addition to the living room, but also a buffer space connecting the living room and dining room.

At the end of the 19th century, the rise of a repeated movement of ancient thought made the traditional arts and crafts education movement affected, and then in the field of interior design appeared a new decorative art style and other design trends. At that time, all kinds of art and culture Mainland in Europe were in a heyday, and then a hundred schools of art contended, among which the Vienna school was the most representative, because of the combination of oriental design ideas, and became different. Whether it is the traditional arts and crafts movement, the new decorative art movement and the Vienna style, their art forms have evolved, but still maintain some connection with the past art forms from the bone, which is also a common scene in various contemporary interior design cases.

In the 20th century, the most influential art concept in interior design was the modernist design style. This new design style is closely related to modern new technology and new life. As a result, three design masters Walter Gropius, Le Corbusier and Frank Lloyd Wright joined other designers to set off the "Modernist Design Movement" [1]. This modernism is a one-night sweep of European Mainland and American Mainland, it preaches the design idea to the future designer influence deeply, so that the essence of contemporary interior space design is still accompanied by the brand of modernism design.

1.2 The Qualities of Science Fiction Movies

As we all know, science fiction film is one of the many film types, and it is the latest one of all types of movies. Because its content is full of futuristic and technical, the characters, narrative techniques and scene space in the film all seem to take a kind of foresight. Like other types of movies, it appears with the film industry gradually replacing the traditional newspaper media industry, and it is actually the product of commercialization to satisfy the entertainment mass service. But this kind of business is commercialized under the cloak of cultural spirit. Science fiction movies are different from ordinary movie entertainment, because the layout of the plot and the design of the scene space, most of them will be divorced from reality, and even have a dreamy feeling. Psychologically, people should love science fiction movies much more than other types of movies, because its uncertainty creates a strong curiosity, from the big data overall score of Douban movies. As shown in Figure 1, you can see the popularity and popularity of science fiction films. On the inside of the space, it refers to the renovation and decoration of the existing space in the house after the completion of the space design, such as placing sofa, lamps, potted plants, wardrobe, etc., or changing the layout of the room in the house, rearranging and rearranging to meet the needs of the residents. At present, the definition of space design is more extensive, and its unique artistic expression is more obvious in film and television works.

Science fiction film is a prophet in the film, it has the art of prediction, not only can be reflected in the continuity and interruption of social space and time, but also a synthesis of all these colors, music, modeling and other arts. In shooting multi-scene space movies, creators can display the main ideas of the film according to the conversion of scene space, such as indoor to outdoor, spring to winter. In the choice of artistic creation, there is also a richer creative choice space, more choice of creative space is the premise of the perfect interpretation of the director's artistic expression. In the process of single scene film creation, we can not switch scenes freely like multi-scene space films. For a film with only one scene, its spatial design is more difficult and restricted in artistic expression, but its artistic value is obvious. In different types of movies, especially sci-fi movies, many scenes of earlier sci-fi movies have become real scene space.

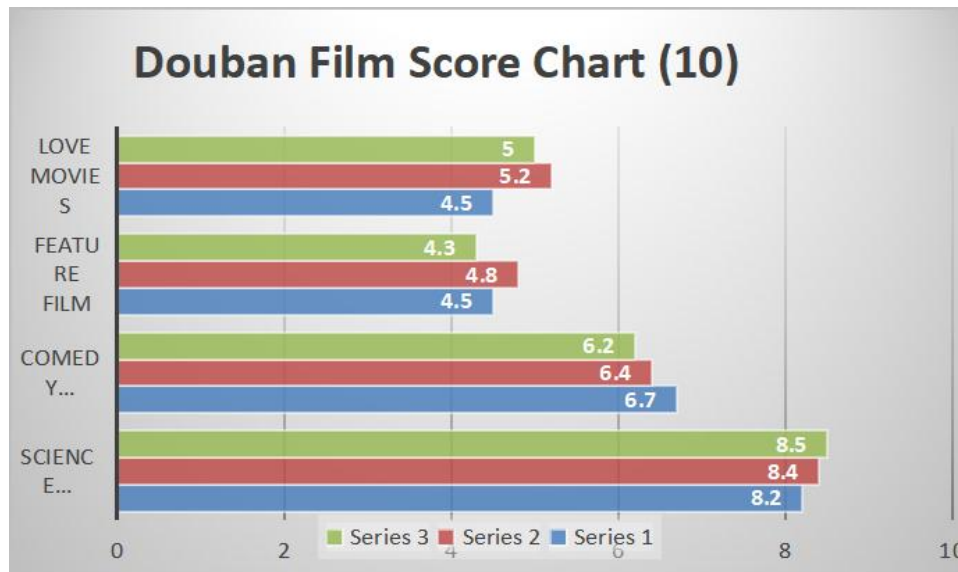


Figure 1: Science Fiction Film Scores in Douban Film (Source:Draw it by yourself)

2. CROSSLINKS BETWEEN CONTEMPORARY SPACE DESIGN AND SCIENCE FICTION FILMS

The forms of expression and education with contemporary design affect the living space we perceive. The buildings described by planes, facades, sections, and models are actually a mapping of real buildings in order to make space design learnable and easy to communicate and operate. It simplifies and ignores the feelings of exposure that many real architectural spaces bring to people, and ignores the understanding of architectural space caused by the behavior of people in it. Designer Bernard Tremy thinks that space has the essence of events. He believes that contemporary interior design is a space composed of various elements as a physical entity, the movement of the participating body in space and the subsequent spatial events. Similarly, in the space of the film, characters and plots and narrative language change with the change of space. "When other designers are still looking for inspiration from history or expressing architecture from two dimensions, I turn to film theory for inspiration," Tumie once said. Montage's film technique gave me too much inspiration. "Whether it is architectural space or interior space, it is essentially different from the concept of "form following function" in modern design, and inspiration is the source of all creation. The creation of contemporary interior space design depends not only on the function it carries, but also on the film[2].

The most imaginative contemporary designer, Los Lagulov, whose inspiration comes from nature and futurism, has his own design philosophy and is difficult to classify as a particular style and direction. But it is worth our attention that there is no specific style, which is very close to the trend of contemporary and future interior design development, because it is because of this uncertainty that there will be more possibilities for future space design. The futuristic architect Zaha Hadid's design philosophy follows deconstructionism, stacking it into a high degree of recognition and spatial compartmentalization through streamlined modeling, such as the Gaidar Aliyev Central Space Design in Baku, Azerbaijan (see Figure 2), which is built with reinforced concrete and polyester designs, streamlined lines that are somewhat similar to the shape of alien spacecraft often seen in sci-fi movies (see Figure 3), and when this exaggerated design style appears in sci-fi movies, one does not feel surprised by the psychological implication that this is a virtual interpretation of future space, To some extent, it also shows that people have long accepted this absurd and false modeling design, when the aesthetic suppression of design beyond people's cognition, will immediately accept new things. Thus, the current controversial design works are in line with the concept of future space design. And inspiration comes from the scene space design in the film. Of course, whether it is the different styles of contemporary design, or the science fiction film itself, it is generally affected by the long-term influence of modernism, including the later surrealism, white technology and high-tech schools and many other factions. Among them surrealist representative designer Richard Baxminster Fuller, some people call him surrealist "earth traveler", many of his design ideas, is considered strange. But later, these designs were gradually implemented in every corner of the city. This proves that technology-based design methods can produce beautiful spaces, even if they are used in a place where life is unprecedented. And the space design that appears in the film, some may not appear in the contemporary, but does not mean that one day these designs will not appear in

the real life. And postmodernism, the wave of its development over modernism, and still in the contemporary direction should continue to develop in the future.



Figure 2: Gaidar Aliyev Centre in Zaha Hadid
(Source:<https://www.douban.com/note/513619038/>)



Figure 3: Stills of the sci-fi film "Coming "
(Source: Douban Film's official website)

In science fiction movies, the common theme is that seemingly lifeless machines or robots take human thinking to save the world and protect the ecological environment. Machines and environmental elements are reflected in the 2008 Disney film "the Total Robot Mobilization "(Figure 4), about robots Eva and Wali, in order to return to earth, to protect plants back to earth story outline, people are moved by the film, many scenes are full of futurism, including people living in spaceships in the automatic circulation system can satisfy people to eat, drink and play, Through the solar energy of the planet in the universe, it can be seen that the future science and technology and environmental protection will be the theme of contemporary design. In contemporary space design, both urban space design and interior design follow the principle of sustainable development and regard green ecology as the key goal of design. To protect the ecological environment without violating the mass production of machines, such as the sunflower rotating room by architect Rolfe Lloyd Desch (Figure 5), is to adopt the two elements of science

and technology and environmental protection in the film. The interior design is his own house, which uses mechanical devices to slow the building to rotate with the sun. Solar panels on the roof aim at the sun at maximum sunshine angle to obtain energy and automatically heat to produce electricity. The design earned him the Sustainability Award, the European Solar Award, the Global Energy Award and other awards. Although these advanced designs are also controversial, for now, the real design is to follow the concept of technology and environmental protection. Contemporary space design contains various schools of design. In order to cater to the development of future design, new technology and new materials should be adopted vigorously, which is also the premise of cross-linking contemporary space design and science fiction film.



Figure 4: The Robot General Mobilization

(Source: https://movie.douban.com/subject/2131459/all_photos)

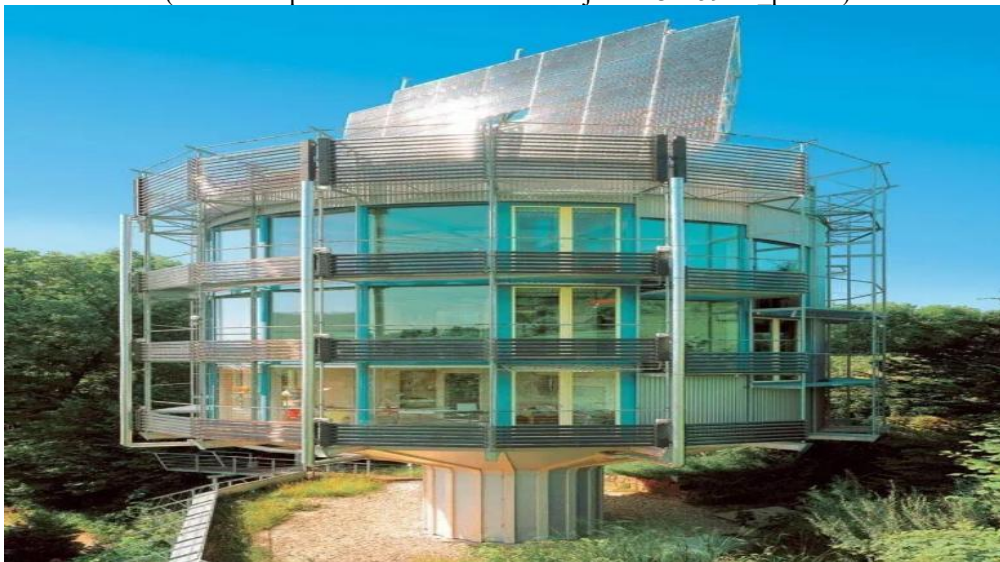


Figure 5: Rolfe Lloyd Desch's work Sunflower Rotary Room

(Source: <https://www.uibim.com/14589.html>)

3. LINKS AND DEVELOPMENT OF FUTURE INTERIOR DESIGN AND SCIENCE FICTION FILMS

The material of science fiction film comes from the real life, the real scene space of the characters' life in the play

can not be separated from the background of interior design, and the interior space design needs us to test through the accumulation of learning time and experience. Therefore, first of all, science fiction films on the one hand with its unique visual expression and communication means to explain the existence of urban and interior design, on the other hand, Future interior design as the most important scene elements are used to explore film narration and performance. With the support of new technology, sci-fi films mainly show future interior design from two aspects: first, interior design and scientific and technological means based on the real world, showing the relationship between sci-fi films and future interior design from the perspective of space and vision. Through the film show new urban design concept, play a role in promoting and promoting. Secondly, through the science fiction film performance real life can not carry on the realization interior design. With the development of high technology, more and more sci-fi movies combine computer stunts and virtual scenes to bring viewers from the real world to another incredible world. Science fiction movies express the idea of future design by prophecy in advance. To some extent, the future internal space design in the film is based on the rationality and reality of perceptual thinking. From the social reality that we all have to face or are about to face.

Some scholars have predicted that in the future social development, there are several kinds of living environment consciousness that people pay most attention to: the first is whether the way of life is healthy and environmental protection. For example, people can breathe the freshest air at home, drink pure spring water, and technology products replace fitness coaches and personal meanings. For example, Tony Stark, the hero of the movie Iron Man, lives in a high-tech zero-carbon house full of brain-burning (see Figure 6), using the latest global automation system. The house is equipped with radiation heat and forced cold wind, advanced technology, intelligent identification security system. In fact, the virtual house in which the hero lives in this sci-fi film exists in real life. The house, like the movie's interpretation, is close to the steep cliff. The 11545 square feet of space contains three layers of white concrete, stainless steel and glass, and every detail reflects the surreal modern style of the future. The house is the inspiration for the Marvel movie Iron Man. It can be seen that the future interior design is not only the creation of works, sometimes the inspiration of the film also comes from the design in real life, can be transformed from each other.

Through the appearance of the house in this film, it is more clear that the entertainment scene in the film is also the main theme of the future interior design. People begin to pay more attention to leisure and entertainment. The entertainment is operated by high technology, such as water and food. At present, intelligent housing has not been completely popularized, but in the future interior design, this kind of science fiction film space idea will certainly spread throughout the ordinary people's homes. At that time, the design will continue to adopt more new technologies and materials to meet more people's needs. For example, with the development of new media, interior design has added "experiential" and "immersive interaction", and the house itself has a CPU central automation system. Each space interior can be completely operated by the core system. Including all indoor furniture, appliances, lighting, heating, air conditioning and indoor stereo are gradually integrated. The automation of computer network will make many interior design products and interior space itself simpler and make the indoor environment more comfortable in the future. The virtual scene in science fiction film will be fully integrated into the interior design in the future. With the progress of new media technology, advanced scientific and technological products and new design ideas will emerge in sci-fi films in endlessly, and these sci-fi films turn around to encourage human cognition and exploration of new things in the future. These subconscious design ideas in science fiction movies affect the future interior design behavior, the essence is the future interior design and science fiction film connection and development of the switch button, as long as the button starts, the future door is about to open.



Figure 6: Tony Stark's Virtual Home in Iron Man

(Source:https://power.baidu.com/question/1383721691997399180.html?qbl=relate_question_5)

New technology represents the hope of new life. Similarly, the new technology in science fiction films represents the surprise of the future and the technical support for the concept and design development of human life in the future. It is because of their foresight and extraordinary divergent thinking that all the virtual things in science fiction movies can appear around us and provide future designers with great creative inspiration and motivation to transform the world. The film's behind-the-scenes creators, who seem to create virtual information and scenes, but are created in some of these films, attracted a small number of people in the crowd who have the ability to transform the world, so that they can constantly design and transform to create a more desirable future. Thus, the film affects the trend of future design. On the contrary, in the process of science fiction film creation, these technicians and artists, through the design concepts and some fragments seen in reality, make secondary processing and creation, abandon the old thinking mode, broaden the original thinking space, Or reorganize the existing space objects in real life, subconsciously integrate all kinds of comprehensive elements into the space design of the film, thus forming the fresh space design that the viewer sees in the film.

In short, the innovative new concepts we see in science fiction movies today will become common themes in design in the future. The innovative consciousness needed by the new concepts is to break the routine. Free from the limitations of time and space at this moment, imagination and innovative ideas are used to design a series of transcendent three-dimensional space and try to create new things. It can be said that the new concepts in these sci-fi films play a guiding role in the creation of future interior design, turning the unknown nature of virtual design itself into the subconscious mind that affects the behavior of designers. So that designers will visualize these virtual concepts, and finally into the future of thousands of families. It can be seen that there is an inevitable connection between sci-fi movies and future interior design. They are the premise and cause of each other. Of course, whether it is sci-fi movies or future interior design, there are still some problems, such as people's acceptance and recognition. Some sci-fi films are too advanced in design concepts and realistic technologies and materials can not be restored in real proportion. In this way, some concepts of future interior design are only a flash in the pan and can not be implemented. Designers must have the ability to be careful and self-aware on the premise of bold assumptions about future interior design, In this way, the future living environment for a down-to-earth vision and planning. In any case, all the scenes, shapes and colors in the interior design of a sci-fi movie will become a reality for one day.

4. CONCLUSION

The future has come, and human needs will change for the problems that may come in the process of interior design development, as well as the achievements of various information technology innovations. The scenes in sci-fi movies are often set by some possibility in the future, while contemporary designers can design feasible spaces based on the future life scenes of sci-fi movies. It can be said that the prediction of the future of human beings all the possible circumstances, the spatial design based on human needs will enter the chapter of human evolution in the future one day. Therefore, the presentation of virtual scenes in sci-fi films is a prediction of the future trend of interior design, and the cross-integration of film and interior design will become the leader of new fields in the future. The future has come. Are you ready?

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