

Research on the Inheritance and Innovation of Folk Shadow Art in the Context of Digital Animation

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Abstract: Our Chinese nation has a history of more than five thousand years of civilization. In this long history, many folk performing arts have been handed down. Shadow Play is an ancient performing art that has been handed down for a long time among people. It is also the artistic treasure of the perfect combination of Chinese opera and arts and crafts. But at this stage, many people are not very concerned about this traditional folk art, so in order to better carry forward and inherit this art form, this paper aims at digital animation to conduct an in-depth research on the development and innovation of shadow art. This paper also analyses the current situation of the integration of animation and shadow play, and then puts forward some viewpoints such as the innovation of processing technology, scene design and audio-visual language. The mutual promotion relationship between digital animation and shadow art by using the complementarity and similarity between animation and shadow play is also introduced.

1. Introduction

When our country started the protection of material and cultural heritage, the protection work of shadow play was also beginning. So far, many experts and scholars in our country have carried out research and protection on the development status of shadow play, including the artistic characteristics and processing technology. At the same time, the Chinese government also supports the works of art according to its actual economic development. In this process, the decline of shadow play can be effectively alleviated, but the actual problems have not been solved, which directly makes our country's shadow play problems have not been effectively solved in the current stage.

2. Current Situation of Shadow Art

After hundreds of years of inheritance and development, our country's shadow art has gradually become the cultural heritage of our country. With good artistic and expressive power, it can not only integrate with local traditional culture, but also complement with our folk customs. All of these are the perfect products of the combination of our folk arts and crafts.

However, with the impact of information technology, the new media has also broken people's original way of life. Compared with before, it has become more convenient to obtain information. Today, with the development of information, people's art appreciation habits have undergone tremendous changes in a variety of cultural forms. Therefore, this situation has led to a continuous decline in the number of people who enjoy shadow play.

Moreover, people's ideas have changed a lot and shadow performers are also aging. Our country has also launched a survey on shadow art. The survey shows that because of the inadequate protection of shadow art at the beginning of the new century, the aging of many performers is very serious and even there is no successor. Many of performances skills and arias have not been inherited, which directly reflects the decline of shadow art in China under the impact of new media.

3. Inheritance of Shadow Art in the Context of Digital Animation

There is a very important relationship between the continuous progress of science and

technology and the great prosperity and development of culture. Especially, the cultural industry of our country has played a more vigorous and vital role under the impetus of technology because of the change and innovation of broadcasting media. Under the background of digital information, shadow play, like most dramas, has suffered a great impact, but it also brings new vitality to its development. Under such circumstances, we can replace the new media of shadow art with digital way, so that people can get rid of complex prop performance in the way of contacting shadow art. This way not only helps shadow art better get rid of the restrictions of traditional forms of performance, but also puts shadow art in digital space for storage forever, and people's understanding of shadow can be deepened in this way.

3.1 Perception of Art

The perception of shadow play art belongs to audio-visual art, and this art form is also a comprehensive art which integrates literature, music, painting and art. It pays special attention to the form of movement when performing, so its art form is mainly manifested through the form of movement. This way is similar to the expression of animation art, so if combined with the artistic expression of animation, not only can we achieve better innovation, but also can let these two complement each other.

At this stage, if we want to provide inspiration for our animation, then we need to effectively use rich character modeling and exquisite sculpture technology in shadow art as well as diversified color expression methods. In addition, we can also insert local culture into animation art to gradually lead a new direction for our animation creation.

With the continuous development of new media technology, digital animation can also better make up for the difficulties encountered in the performance of traditional shadow play. For new shadow art, there is no longer need for stage and box, and the movement of shadow characters no longer need people to operate by playing poles. At this stage, only the use of digital animation can provide more new directions and ideas for the inheritance and development of shadow art, so that our shadow art can open up a broader dissemination path and development space, and keep the traditional artistic characteristics of our shadow art.

3.2 Moral and Artistic Form

If we want to improve shadow play's artistic form and ideological morality, the part of justice and punishment of evil and promotion of good should be retained, and the idea of feudal superstition must be abandoned. Combining with the background of the big era, it is possible to create a new play which is more in line with the values and themes of the times. Only in this way can it be more in line with people's ideology and stimulate people's interest in shadow art, so that shadow art can radiate new vitality and vitality in this era.

3.3 Innovation of Play Content

In order to innovate the script of shadow play art, it is required to combine the present life. Beside, it is better to reflect the current situation of people's life in the society at this stage. The content should be closer to life and preferred by the masses. Moreover, it is important to make the modern life and ancient art form of shadow play combine with each other, which will not only make people better accept shadow play, but also promote the development and inheritance of shadow play in China to a certain extent.

4. Innovation of Shadow Picture Art in the Context of Digital Animation

4.1 Modeling Style

The processing techniques and artistic forms in shadow modelling have their own style. They not only have the rough lines of ancient stone portraits, but also absorb a lot of folk craftsmanship. The decorative form of folk paper-cut, the exquisite drawing of various figures in New Year's paintings and scattered perspective of paintings effectively merge into the form of shadow figures with unique aesthetic feeling. In order to better adapt to the performance of shadow play on the screen,

realistic and Abstract methods are taken in combination. The plane image produced by the half-side and side is taken as the leading role in dramatic shape design.

The material used in contemporary animation modelling design and the vast display space are all provided by the production and design of traditional shadow image. Whether the form of expression or the method of creation, modern animation art forms are drawn from folk shadow art modelling, and even some works will penetrate the traditional elements of China, which will not only promote the innovation of animation in China, but also enhance the development of animation in China.

4.2 Innovative Audio-visual Language

The main artistic form of animation is audio-visual language, which can not only show the emotions and thoughts of the film theme through sound effect and lens, but also interpret the connotation of the film. Digital shadow animation needs to pay attention to the use of lens language. When making a film, it is suggested to add some panoramic or near-range features appropriately. Through moving the lens by pulling, dragging, shaking, pushing and so on, the audience will feel immersed in a multi-perspective way ^[1].

The space environment atmosphere described in the film can express the emotional implication and picture content through the lens when rendering animation works. In addition, digital shadow animation will tailor-make the theme sound effects that are in line with the works when designing sound effects. In traditional shadow play, the dubbing of opera singing also needs to be processed and edited by digital technology. On the basis of entertainment and daily life, various types of duplicate sound effects, such as music and voice, which conform to modern popular style, are created. In this way, the produced sound effect can strengthen the content of the plot, and at the same time express the emotions of the product, set off the atmosphere, play an important role in creating the artistic conception of the scene, and bring the audience into the audiovisual world of digital shadow animation.

4.3 Innovative Shadow Screenplay

As for the script, it is the source and soul of the work whether in film and television works or in the art of opera. The taste and quality of the whole work are seriously affected by the script of the work. Traditional shadow play usually performs more scenes of martial arts, and most themes are also historical, such as the four famous works and historical romances of our country and folk tales. The content of the performance is quite different from modern life.

Therefore, in order to shorten the distance between modern life and traditional shadow play better, and let more and more audiences have a strong interest in shadow play, it is necessary to innovate the script of shadow play animation according to the aesthetics of most people. In the content of the script, more topics such as reflecting the actual situation of contemporary society and protecting the environment and green life should be adopted. The modern life is performed through the traditional folk shadow art. It is also essential to apply simple plots to elaborate profound truth, positively and effectively reflect ethics and morality as well as positive disseminate positive energy of social values. Through this form, the content of the script can be closely linked to people's hearts. Skillful plot design will not only effectively integrate national culture, but also make the theme of the story closer to real life and more in line with the aesthetic characteristics of modern people.

4.4 Innovative Processing Technology

In the traditional form, shadow play is usually made with hollow lines and carvings, which cooperate with gorgeous colors and smooth carving. It can not only show the penetration of scenery and characters, but also help the formation of beautiful shapes.

For digital shadow animation, if we want to better restore the lighting effect of projecting shadow props onto the curtain when performing live, it is required to make digital shadow animation to effectively continue the characteristics of traditional shadow carving technology. The most important is to redesign and summarize the innovations of hollow patterns, such as scenes and props or the patterns involved in clothing. If we want to use modern Abstract patterns to design, we can also use traditional folk decorative elements to refine the relevant. The character's identity and

character need to be strengthened according to the application and collocation of patterns. Applying three-dimensional digital technology to achieve the shadow effect, and adding special effects at the later stage to show the penetration of shadow carving process strengthen the unique form of expression.

5. Conclusion

Shadow play is a very important part of intangible cultural heritage in our country. In view of this situation, our country needs to pay high attention to the inheritance and development of shadow play. The combination of digital animation and shadow play not only opens up a new road for our shadow art, but also a new direction for the performance and shape design of shadow art. Modern digital animation art effectively absorbs the traditional shadow processing technology and modeling style when it innovates itself, which to a certain extent greatly enriches the modern digital animation art forms and artistic language.

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