

Application of Computer Multimedia means in Film and video player Post Production

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Abstract: Film and video player works are relatively common forms of entertainment, and their prominent role and position in leisure and entertainment leads to the continuous improvement of the audience's requirements for the production level of film and video player works. Among them, the multimedia means of computer is the core of the whole information means, which has a great influence on the post-production of film and video player works. Multimedia uses the Internet as a medium to transmit all kinds of information through the network in the form of data, which has the advantages of high efficiency, high speed, large amount of information and diversified functions. The good application of computer multimedia means in the post production of film and video player works can greatly enhance the performance of film and video player works and greatly improve the audience's audio-visual experience. Therefore, in this paper, we mainly conduct a comprehensive analysis and Research on the application of computer multimedia means in film and video player post production, and put forward the following contents on this basis, hoping to provide corresponding reference value for staff in the same industry.

1. Introduction

With the continuous acceleration of social informatization, many people have higher requirements for leisure and entertainment. Thus, a large number of computer technologies have penetrated into people's daily life, and computer multimedia means plays an important role in film and video player producers, and directly changes the working mode of staff [1]. The application of computer multimedia means has a great impact on all aspects of actual social life and production, provides a new way of life and production, effectively improves the level of productivity, and plays a positive role in economic prosperity and development and cultural innovation. Film and video player works are relatively common forms of entertainment, and their role and position in leisure and entertainment are prominent, resulting in the continuous improvement of the audience's requirements for the production level of film and video player works [2]. Among them, the multimedia means of computer is the core of the whole information means, which has a great influence on the post-production of film and video player works. Multimedia uses the Internet as a medium to transmit all kinds of information through the network in the form of data, which has the advantages of high efficiency, high speed, large amount of information and diversified functions [3].

Computer means and multimedia means belong to the core content of information means and play a very significant role in promoting the post production of film and video player works. With the help of relevant technical measures, film and video player works can maintain more prominent interest, entertainment and appreciation, so as to improve and optimize the audience's audio-visual experience and improve the communication value of film and video player works. The good application of computer multimedia means in the post production of film and video player works can greatly enhance the performance of film and video player works and greatly improve the audience's audio-visual experience. In the face of people's growing cultural needs, only excellent shadow hair production works can meet the people's cultural needs. Excellent film and video player works require not only cultural connotation, but also excellent production. Due to the development of computer multimedia means, it can better play an important role in promoting the birth of a large number of excellent film and video player works, and at the same time, it also allows the film and

video player production staff to have a wider development space, thus creating a large number of film and video player works [4]. Give full play to artistic creativity, enrich the expression forms of film and video player works, strengthen the visual effects of film and video player works, and then create more infectious film and video player works to further promote the steady and sustainable development of Chinese film and video player production. Therefore, it is of great practical value to explore the application of computer multimedia means in film and video player post-production.

2. Computer multimedia means and film and video player post production

Computer means is audio-video and interactive streaming media means based on computer and Internet, and also includes multimedia means based on big data and cloud computing. Using computer multimedia means to store and save all movie data, the signal quality can meet the requirements, and the captured data can be completely transmitted [5]. For the later stage of film and video player production, it is mainly through the use of already photographed materials, which can then be synthesized by three-dimensional animation, and on this basis, a complete special effect lens can be produced. Due to the time limitation of traditional film works, the editing process of various films is more random and flexible, and the staff can select and edit different contents according to the editing needs, which makes the post-production of films and TV more convenient and faster [6]. Film and video player works not only include the picture part, but also need the sound part. Select the appropriate background music in the film and video player works and advertising clips to make the organic integration of music and works, which can achieve the effect of 1 + 1 greater than 2 and add color to the whole film and video player works. In this regard, the application of computer-based multimedia means will have a far-reaching impact on film and video player post production. The application of multimedia means in the whole computer field belongs to the most popular discussion topic. In the process of creating film and video player works, film and video player post production plays an important role. If there is no post film and video player production in film and video player, no matter how good the film is, it can not be taken out and played directly. The overall structure of the system is shown in Figure 1. The whole system takes the knowledge base as the center and establishes the knowledge model according to its understanding of domain knowledge.

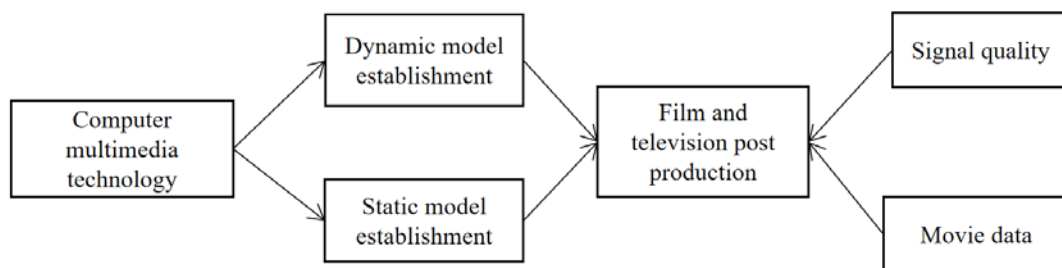


Figure 1 System structure

The application of computer multimedia means can further enrich film and video player post production, add more new elements to film and video player production, convert information from scene to computer-readable information flow, and integrate other elements and information to make a complete shooting. From a simple point of view, the post production of film and video player is mainly integrated with the integrated creative method of text and sound. At the same time, it can also be the final production procedure of film and video player Festival. Due to the rapid development of digital means, most film and video player works in the market have adopted high-tech elements, which can also better promote great changes in film and video player production. The more obvious embodiment is the use of computer multimedia means. The multimedia means is different from the traditional editing means. Even if it is displayed in the editing process, the new means makes the post-production of movies and TV easier, and mistakes can be corrected at any time, which greatly improves the efficiency of post-production of movies and TV and saves editing time.

3. Application of multimedia means in film and video player post production

3.1. Application analysis in film and video player production

In terms of film and video player production, the development of science and means allows film and video player to use a variety of technical methods and means in production, making the processing of optical fiber, light and shade and facial expression more natural. The application of multimedia means can promote the post production of film and video player works. With the help of corresponding measures, effective shading or texture processing can be adopted to obtain more vivid, vivid and primary and secondary pictures. With the help of the application of multimedia means, the characterization of the facial expressions of the characters in the works can be realized, especially the optimization of expression effect is quite prominent. In terms of the current production level of film and video player works, some lenses in the shooting process can not be shot in the actual process, which needs to be completed by adding special effects, so as to achieve the expected effect, improve the visual effect of film and video player works and enhance the artistic appeal. Using 2D and 3D computer multimedia means to draw images and make video effects can better handle digitized and virtualized images, provide more vivid and vivid viewing experience for the audience, and significantly improve the post-production effect of movies and video player. It is quite difficult to build models automatically. Here, each model is designed and built by combining automatic and manual methods, and corresponding software is used, including sound processing software, animation making software and picture processing software. As shown in Figure 2.

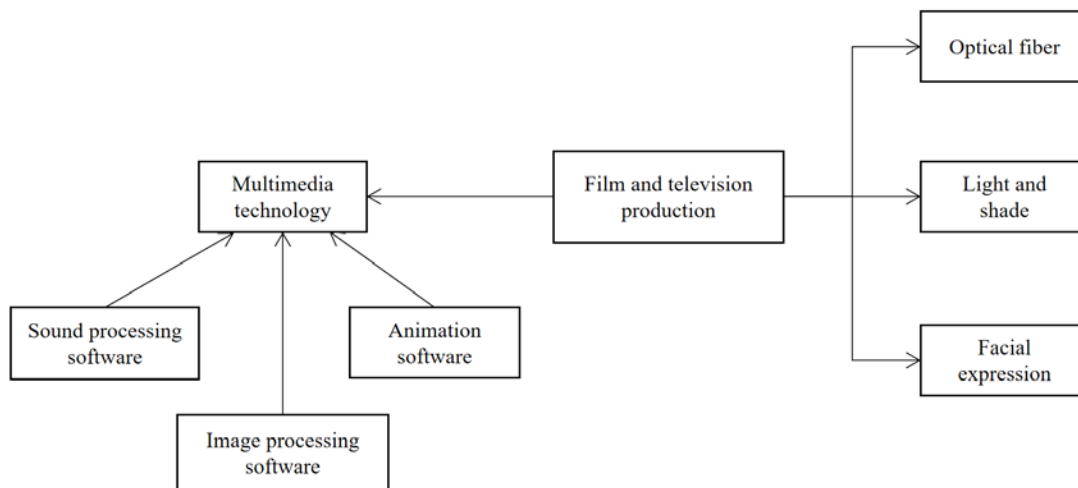


Figure 2 Post production model of multimedia means film and video player

However, it should be noted that the use of multimedia means can better realize the production of virtual scenes, and the production staff can create the background that conforms to the plot through imagination, and then on this basis, the complete creation of works can be better realized. It can also ensure the overall quality of film and video player works creation, promote the all-round development of China's film and video player industry, present more high-quality film and video player works for people and improve people's spiritual life level. Multimedia means is an indispensable technical means of film and video player production at present, which greatly improves the efficiency and quality of film and video player production, changes the traditional editing methods, significantly promotes the formation of film and video player works and enhances the artistic display effect. In the film and video player works, the sound effect is very important to the works. The good application of multimedia software can meet the requirements of the works. In the post production link, the sound effects and various vocal elements are added to the works, so as to present the film and video player works perfectly. In addition, computer multimedia means liberates the labor force, further simplifies the post production of film and video player, makes the film editing work more smooth and efficient, and injects new blood and vitality into the healthy and sustainable development of the film industry.

3.2. Application in editing and editing

For multimedia means, the picture editing means is relatively simple, mainly because the producers can better change the length and corresponding position of the picture through the control of the mouse, and can also achieve better film and video player presentation effect through the corresponding technical software. Film and video player post production refers to the post-processing of the film content by the crew after shooting, including adding some special effects, words or sound processing to the film, so as to make the presentation effect of film and video player works reach the expected level. After the preliminary editing of film and video player works is completed, the dissatisfied parts of the preliminary editing shall be accurately modified, and some special effects shall be added. At the same time, some advertisements and other contents can also be included at this stage. In the formal editing stage, the post-production picture processing of film and video player works is completed. It can be processed by non-linear editing means, which is obviously different from the traditional editing means. The most prominent advantage is that it can be made separately. That is, editing is the most common way of film and video player post-production, that is, splicing some shot fragments to make them a whole to enhance the coherence of film and video player works. Editing is to import the film and video player shooting materials into the computer after the filming of the film and video player works is completed, and then the director and editor start the preliminary editing after magnetic transfer, and arrange the materials according to the order of the script arrangement to form a preliminary version, which often has no visual effects, narration and background music, and is equivalent to a film and video player work manuscript. In the process of audio production, the conventional audio processing and sound special effects processing can be better realized by multimedia means, and then the edited sound can be mixed with each other, so that the sound editing effect can be better achieved. In the key steps, the sound of screen editing can be properly integrated, so as to build a whole, and provide guarantee for the comprehensive quality of post-production.

4. Conclusions

To sum up, the film and video player industry will have a more prominent development space in the future. In the future, we should further improve the application of computer multimedia means in film and video player production. This means uses digital means to collect, store and process information. Later stage staff need to improve their skills, improve their comprehensive level of film and video player production means, and actively carry out film and video player work innovation, which has promoted the continuous development of China's film and video player industry. In film and video player post production, we not only need to maintain the standardization and standardization of production means, but also improve film and video player post production skills and strengthen the comprehensive quality of film and video player products based on their own characteristics. With the rapid development of computer multimedia means, it has been greatly improved in the later stage of film and video player production in China. Moreover, computer multimedia means can also solve the problems existing in traditional means and play a very important role in the later stage of film and video player production. Although the new means is still in the exploratory stage at present, the related technicians are in short supply, and the production cost of film and video player works is high, from the long-term development trend, multimedia means will certainly make the film industry develop in the direction of advanced, scientific and diversified.

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