

Application of Computer Music Technology in Gannuo Music Culture

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ABSTRACT. *Computer music technology is a general term for a series of computer technology related to music. In modern development, such technology is also linked with intelligent technology, and there are many computer music technology systems with autonomous learning ability. At present, such technical systems are deeply loved by the public, and are closely related to the network. Therefore, the promotion of music culture can be realized with the help of network. Under this condition, gannuo music culture should be protected as China's traditional music culture, while the protection methods used in the past are effective, but very limited. Therefore, if the computer music technology is used in the transmission of gannuo music culture, it should be better to protect the music culture. In this paper, the basic concept of computer music technology and gannuo music are elaborated. The present situation of cultural communication, the application mode and effect of computer music technology in gannuo music culture.*

KEYWORDS: *Computer music technology, Gannuo music culture, Communication*

1. Introduction

Jiangxi Nuo music culture is one of the forms of Nuo culture spread in Jiangxi since ancient times. In the early stage, it was mainly used in sacrificial rites, exorcising ghosts, avoiding plague and other activities. It can be said that it was the belief of ancient people and represented people's living customs at that time. However, gannuo music culture has not been well preserved in the long history, and has been in a state of loss, so that in modern times, even the masses in Jiangxi area have very little understanding of the culture, and even a considerable part of them do not know the existence of gannuo music culture at all. This phenomenon shows that gannuo culture is in danger, and if it is not protected, the cultural system is likely to be Disappear. In this regard, our country has taken protection measures for all kinds of traditional culture for a long time, Jiangxi Nuo culture is also listed, but the measures taken in the past only played a role in slowing down the loss, not the root cause. Therefore, how to reverse the current situation of the loss of Jiangxi Nuo music culture and make it better spread has become the focus of thinking and attention in related fields.

2. Concept of Computer Music Technology

Computer music technology refers to all kinds of computer technology that can be used in the field of music, such as computer music production software, music audio recognition and judgment software, anthropomorphic music audio playing software, etc. these software systems belong to the product of computer music technology. Therefore, computer music technology is a comprehensive concept of computer technology. If the system is regarded as a function of the technology, it can be regarded as a multi-functional music computer technology system. In practical application, the software system contained in computer music technology can provide help for music practitioners and other related personnel, making music creation more simple, which shows that the technology has high application value. At the same time, the computer itself belongs to the network equipment, so it must be connected with the network. For example, many modern music practitioners will use some software under the computer music technology to make music, and release the music to the network. This can not only make themselves obtain the interests of money, but also make more people pay attention to themselves, which shows that in the computer music technology and network. Under the support of network, music will have a certain degree of communication, and this kind of communication has obvious and huge advantages compared with traditional paper media. Among them, music information can contact with a large number of network users in a short time, which is incomparable in the previous music communication [1].

3. The Current Situation of the Spread of Gannuo Music Culture

3.1 Current Situation of Cultural Popularization

Any existing form of culture has a certain popularity, otherwise this kind of culture is unknown. At present, gannuo culture still has a certain degree of recognition in relevant research fields, art fields and other professional fields, which shows that it has universality. However, from a macro perspective, the current situation of the popularization of Nuo culture in Jiangxi is not good. As a country with a large population, the proportion of people engaged in cultural research and art work in the total population is not high. In addition, there is a high “threshold” between cultural research and art work. Therefore, this proportion is difficult to change in a short period of time at least, while the remaining people's cognitive level of gannuo music culture is low. It is very low. It can be said that most people know the name of the culture, but they don't know its form of expression, cultural background and main uses. This phenomenon is very common in our country, which shows that the popularity of gannuo music culture is not high, even very low. This phenomenon represents the serious loss of gannuo music culture in the long history, so it must be improved. Table 1 shows the survey results of the popularization of Nuo music culture in Jiangxi Province.

Table 1 the Survey Results of Jiangxi Nuo Music Culture Popularization in a Certain Region of Jiangxi Province

| Investigation items | Survey options | Survey results |
|--|----------------|--------------------|
| Do you know gannuo music culture? | Yes, No | Yes (7%), no (93%) |
| Do you know the cultural background of gannuo music? | Yes, No | Yes (5%), no (95%) |
| Do you know the cultural function of gannuo music? | Yes, No | Yes (6%), no (94%) |

The survey results in Table 1 confirm that the current situation of Jiangxi Nuo music culture is very poor, and the survey area is Jiangxi region, which is the birthplace of gannuo music culture, and once flourished in the local gannuo music culture. Therefore, the survey results in Jiangxi are so poor, which can be imagined in other regions.

3.2 Cultural Acceptance

The phenomenon of the loss of gannuo music culture has appeared for a long time, and it has also received the attention and attention of the national government. Therefore, a lot of cultural propaganda work has been carried out around the dissemination purpose of gannuo music culture, such as regular local performance of gannuo music culture, information dissemination, etc. The main reason for this phenomenon is that modern people's acceptance of gannuo music culture is low. Whether people will accept something that they have never understood or understood deeply depends on people's own aesthetic outlook and related consciousness. Therefore, in the past work of gannuo music culture communication, because people's aesthetic outlook and consciousness have obvious modern characteristics, and gannuo music culture as traditional culture does not match modern people's aesthetic, so most people will not accept gannuo music Culture, this is the main reason for the difficulty of communication in the past, and when the public does not accept the music culture of gannuo, it will aggravate the loss of gannuo music culture, and make the already endangered gannuo music culture further disappear. This is what people are not happy to see, which shows that the status quo of gannuo music culture is not good and needs to be more favorable protection. Table 2 shows the survey results of the acceptance of gannuo music culture in a certain region.

Table 2 Investigation Results of Acceptance of Gannuo Music Culture in a Certain Region

| Investigation items | Survey options | Survey results |
|---|-----------------------------------|---------------------|
| Would you like to know about gannuo music culture? | Yes, no (including “indifferent”) | Yes (14%), no (86%) |
| Are you willing to take part in gannuo music and culture publicity activities? | Yes, no (including “indifferent”) | Yes (9%), no (91%) |
| Are you willing to participate in the entertainment activities of gannuo music culture? | Yes, no (including “indifferent”) | Yes (22%), no (78%) |

According to the survey results in Table 2, most people's acceptance of gannuo music culture is not high,

especially in the understanding of gannuo music culture and participating in gannuo music and culture publicity activities, people's acceptance performance is cultivated land, while in participating in gannuo music culture and entertainment activities, because of its entertainment attribute, people who are willing to participate in the activities have improved, but they are not willing or not The so-called attitude of people is still in the majority, indicating that the acceptance of gannuo music culture is not high.

4. The Application of Computer Music Technology in the Transmission of Gannuo Music Culture

4.1 Overall Scheme

In the transmission of gannuo music culture, all relevant software systems in computer music technology can be used. Therefore, in order to give full play to the functions of computer music technology and promote the spread of gannuo music culture, a large number of relevant software systems must be included. At this time, considering the orderly application of computer music technology, it is necessary to construct the overall scheme. The scheme topology is given in Fig. 1.

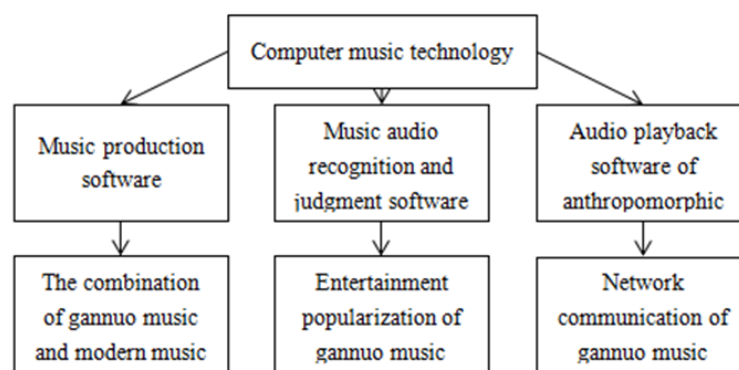


Fig.1 The Overall Application Scheme of Computer Music Technology in Gannuo Music Culture Communication

4.2 Application Mode

Combined with the three kinds of computer music technology software systems listed in Figure 1 and the corresponding application direction, the following will analyze the application mode of computer music technology in gannuo music culture communication.

(1) The combination of gannuo music and modern music

Considering that whether modern people are willing to accept gannuo music culture is a key factor affecting the quality of its dissemination, people should be willing to accept gannuo music culture in communication work, but this goal has not been achieved in the past work. However, on the basis of music production software of computer music technology, people can combine gannuo music elements with modern music elements conveniently and intuitively, and create a music achievement with modern music characteristics based on gannuo music culture as the carrier, so as to attract more people with the help of modern music elements, and then convey gannuo music culture through music This can make people more willing to accept gannuo music culture, is an effective means of communication. In addition, the combination of gannuo music culture and modern music can also be realized through music professional knowledge in the past work. However, due to the manual work in the past, the efficiency is slow. This method is not applicable, and the use of computer music technology solves this problem.

(2) Entertainment popularization of gannuo music

On the basis of modern people's willingness to accept gannuo music culture, how to make more people contact with gannuo music culture in a shorter time and maintain people's high acceptance is the key point in the subsequent work of gannuo music and culture communication. Under this condition, because there are many music and audio recognition and judgment software in modern computer music technology, such software is usually used for entertainment activities. For example, software users can sing songs in the software with the help of mobile phone recording device, and the software system will score the user's singing results through the

audio recognition and judgment function, so as to meet the entertainment needs of users who like singing. If gannuo music culture or gannuo music culture combined with modern music is integrated into this kind of software, entertainment can be popularized. Entertainment can keep people's high acceptance of gannuo music culture, and the popularization method is more simple, so it is conducive to cultural popularization.

(3) Network communication of gannuo music culture

With the help of the audio playing software of quasi human voice music in computer music technology, the computer can create and sing gannuo music independently. This kind of creation and singing form is very novel, so it can be favored by the network users who love to pursue new things. At this time, gannuo music culture can spread in a large area and with high efficiency in the network environment to protect the gannuo music culture. The role of reversing the loss status quo.

5. Conclusion

In conclusion, this paper analyzes the "Application of computer music technology in the spread of gannuo music culture", expounds the concept of computer music technology, the status quo of Jiangxi Nuo music culture communication and the application mode of computer music technology in gannuo music culture communication. Through the analysis, it can be seen that computer music technology is conducive to music communication, which shows that it has high application value in the transmission of gannuo music culture, and can control the current situation of the loss of the cultural system. Through the application mode proposed in the paper, it can give full play to the function of computer music technology and achieve the purpose of communication.

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