

## Analysis of Guzheng Playing Skills and Teaching Exploration

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**Abstract:** Guzheng is one of the longest and most distinctive national musical instruments in China. It can not only express lofty ideals, but also play beautiful tunes. Therefore, Guzheng performance has been an important part of Chinese music culture, and its teaching is also an important part of Chinese music teaching. However, the music aesthetic needs of citizens are gradually increasing, and the traditional Guzheng playing skills obviously cannot keep up with the development of the times. Therefore, the Guzheng must absorb the new era elements and constantly innovate and develop. With the joint efforts of Guzheng players and researchers, on the basis of traditional techniques, modern Guzheng performance has been innovated and reformed, showing a trend of diversification. At the same time, the development of Guzheng playing skills has been fully applied to music teaching. Make students have different experience in the teaching process, make students always interested in learning Guzheng, improve the teaching effect. This paper discusses and thinks about this, hoping to promote the further development of Guzheng performance teaching.

### 1. Introduction

Guzheng is one of the most representative traditional Chinese musical instruments. Its timbre, rhyme and other aspects have relatively unique characteristics, so it is also very popular in today's society [1]. Although there are many advantages in the performance and teaching of Guzheng Concerto, there are still some shortcomings and problems [2]. Therefore, in the performance and teaching of Guzheng Concerto, teachers should pay attention to the effective integration of music content, standardize and guide students' body movement language, guide students' interest in good, so as to achieve better performance and teaching effect [3].

The timbre of Guzheng has the characteristics of tactful, bright and high pitched, and the music played a decisive role is the music played by the performer, and the appropriate playing method can present the beautiful music [4]. Appropriate performance methods directly affect the improvement of music effect and performance technology, which is the standard to test the quality of teaching, which is a basic key issue in the dissemination and development of Guzheng art [5]. Nowadays, many beginners and even professional actors ignore the correct performance methods and scientific training methods, and pursue speed, strength and some fashionable unilateral skills, and pay no attention to the performance state of music's deep understanding and grasp, and ignore the overall layout of music and sound pursuing aesthetic feeling, which destroys the beauty and multi-layer nature of music itself [6]. Therefore, it is very important to master a set of scientific methods [7].

In the process of playing guzheng, the playing skills and skills of Guzheng change with the development of the times [8]. The change and development of Guzheng playing skills, not only from the ancient to the present aesthetic changes, but also with the national and international integration changes [9]. On this basis, the author will analyze the development and change of Guzheng playing skills, plus the performance and teaching experience of guzheng, as well as how to solve the problems in the teaching process of derivative guzheng, and put forward some opinions and suggestions to strengthen the quality of Guzheng teaching, hoping to improve the quality and performance teaching of Guzheng [10].

## **2. The Development and Reform of Contemporary Guzheng Playing Techniques**

### **2.1 Development of Contemporary Guzheng Playing Techniques**

The performance skills of Guzheng can be learned from historical books and other historical records. In ancient China, Guzheng was mainly used as accompaniment instrument among many musical instruments. In different dynasties, the playing skills of Guzheng are also different. In modern Guzheng performance, few works can use such superb performance skills. Because most of these playing skills are fine-tuning techniques of touching the string with the right hand, which has a very direct relationship with the instrument technology at that time. The shape of Guzheng is small, and the main vocal parts such as horn strings are relatively small. Therefore, it can be inferred that the sound changes caused by high timbre sensitivity, low volume and touch string change are clearer. In modern times, with the development of the times, the shape of musical instruments has gradually developed towards the direction of resonance, reverberation and three-dimensional. Influenced by western music, the scale range of the people is relatively wide and stable. In particular, with the expansion of life and production scope, the regional barriers of traditional Zheng performance are gradually melting, and "harmony but difference" is a prominent feature of contemporary Guzheng techniques. Different regions and schools have their own unique skills and styles on the premise of basic skills.

### **2.2 Application of Contemporary Guzheng Playing Techniques in Teaching**

Modern Guzheng performance techniques are gradually innovative; slowly conform to the trend of the times, such as adding some popular elements to the creation of Guzheng repertoire. Teachers can add these innovative Guzheng experiences in music teaching, and add new skills and methods when teaching classical Guzheng repertoire. In this way, students can have innovative training, such as finger shaking, in order to move fingers and dance strings of the piano, and then strengthen training, fast finger practice, and master skills and methods in the process of practice. In addition, in the teaching of Guzheng playing skills, teachers can also imitate foreign popular technology, introduce the form of electronic equipment, diversified teaching forms, so that students' interest in learning can be released, setting off the school atmosphere of Guzheng learning. On the other hand, the innovative concept of Guzheng playing skills is widely used in teaching. It can also improve students' independent innovation ability and cultivate their team cooperation ability.

## **3. Experimental Ideas and Design**

### **3.1 Experimental Ideas**

Although the performance skills of Chinese zither have been greatly improved, the traditional playing skills still occupy an important position. In the process of playing Guzheng, people still choose the original point method, kneading method, chanting method, tremolo method to play the Guzheng. These traditional techniques are indispensable in the performance of Guzheng. However, the former technology has prominent regional characteristics, which is inconsistent with the development direction of diversified music. Therefore, it is necessary to obtain more new techniques on the basis of traditional techniques to ensure the flexibility and diversity of Guzheng performance. In the context of the new era, in order to promote the continuous development of Guzheng performance, it is necessary to constantly improve and innovate the performance skills of Guzheng to adapt to various elements of the new era. In the process of applying Guzheng playing skills to music teaching, teachers must master the characteristics of Guzheng instruments and guide students to learn Guzheng instruments.

### **3.2 Experimental Design**

In the design, this paper adopts two forms: questionnaire survey and field interview. 932 college students and 68 professional teachers were selected as the survey samples. Among the interviewees were college students and professional teachers. This study aims to explore the main situation of

Guzheng performance teaching in China. Through the analysis of questionnaire and field survey results, 108 students were divided into two groups. One is the experimental group, the combination of ancient and modern Guzheng playing techniques; the other is the control group, using traditional teaching methods. After a semester of teaching, we made statistics and Analysis on the satisfaction of the two groups of students and teachers. The results are shown in Table 1. According to the survey results of the two groups of students, the combination of ancient and modern teaching is more effective than the traditional teaching method.

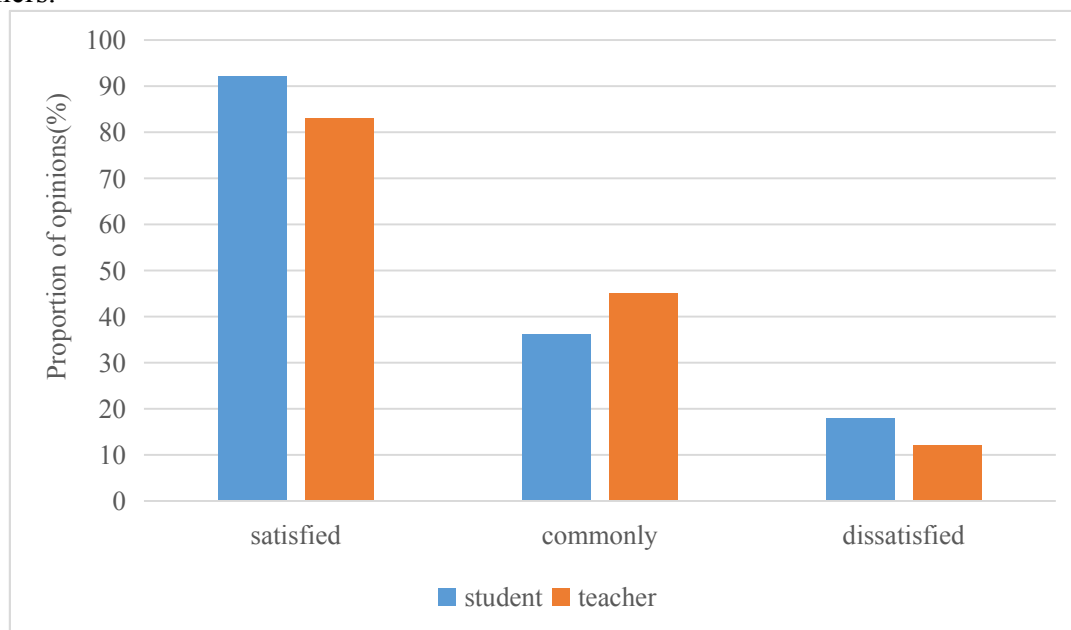
**Table 1.** Analysis of students' satisfaction with Guzheng playing techniques combining ancient and modern

Investigation factors	The experimental group (%)	The control group (%)
The teaching of Guzheng integrates the aesthetic feeling of art	86.5	56.2
Diversified playing techniques of Guzheng	71.9	61.9
It can stimulate the learning interest of Guzheng	92.7	34.1
Integration with Concerto content	80.4	59.5

## 4. Discussion

### 4.1 Research and Analysis of Guzheng Playing Techniques in Teaching

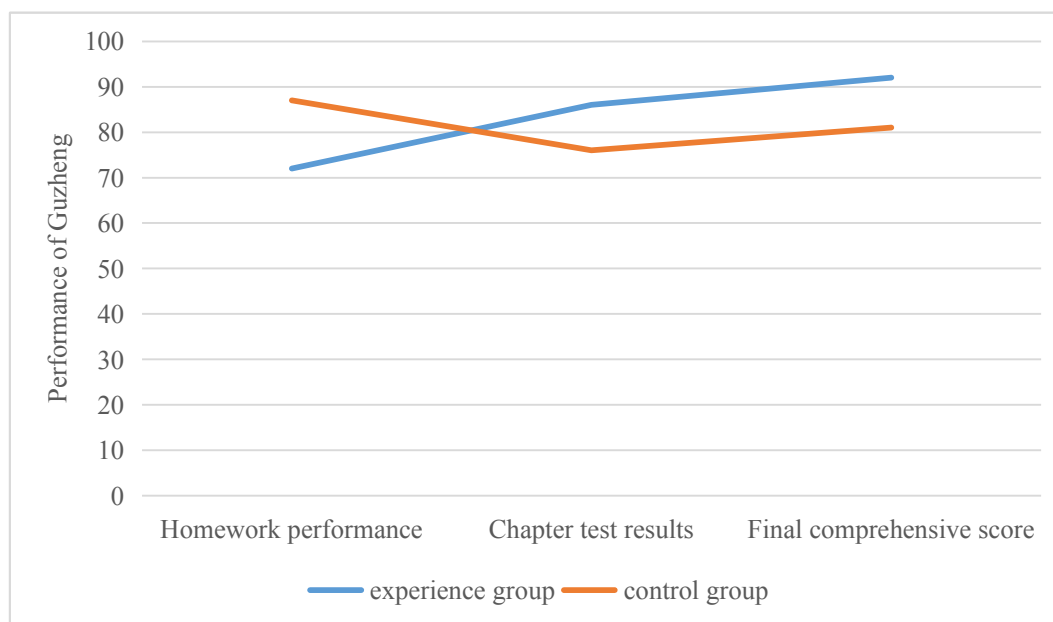
The method is the comprehensive embodiment of performance skills, skills and performers' thinking. Game methods are very important for players. It is practical and specific. It is a technical rule guided by scientific theory. Therefore, as a teacher, we should have foresight and summary ability, so that it can be transformed into a scientific and reasonable language in teaching. Such teaching is artistic and scientific. Based on scientific and standard performing methods, it is the requirement of the times and the only way for Guzheng teaching and quality cultivation of performers.



**Figure 1.** Students' and teachers' satisfaction with Guzheng playing techniques

It can be seen from Figure 1 that both teachers and students are satisfied with the use of ancient

and modern Guzheng playing techniques in teaching. In the view of students, innovative Guzheng teaching can let them get more teachers' training, and can choose teachers suitable for their own style for in-depth study and targeted guidance. In addition, they have more freedom in class. As long as they have free time, they can have learning opportunities and get better training. For teachers, innovative Guzheng teaching gives them a greater stage to play, can educate more students, accumulate more teaching experience, and in their spare time can also learn from others' teaching experience, enrich themselves. Generally speaking, the combination of ancient and modern Guzheng playing techniques make students and teachers feel satisfied, and can better meet their needs.



**Figure 2.** Analysis of students' performance of Guzheng under the teaching mode of combination of ancient and modern

In addition, this paper further investigates the students' performance of Guzheng under the combination of ancient and modern teaching mode, and the results are shown in Figure 2. It can be seen from Figure 2 that the overall score of the students after the combination of ancient and modern teaching mode is significantly higher than that of the traditional mode.

## 4.2 Teaching Analysis and Prospect of Guzheng Playing Techniques

### 1. Inheritance and innovation of traditional performing techniques

Although the performance skills of Chinese zither have been greatly improved, the traditional playing skills still occupy an important position. In the process of playing Guzheng, people still use the original point method, kneading method, chanting method, tremolo method to play the zither. These traditional techniques are indispensable in the performance of Guzheng. However, the former technology has prominent regional characteristics, which is inconsistent with the development direction of diversified music. Therefore, it is necessary to obtain more new technology based on traditional technology to ensure the flexibility and diversity of Guzheng performance.

### 2. Learn from other musical instruments

The emergence and development of Guzheng performance techniques also have the characteristics of musical instruments and the law of music development. On this basis, it inherits and innovates other music elements to make the performance of Guzheng more inclusive and rich. On the one hand, the integration of Guzheng performance with other musical instruments is reflected in the inheritance of national musical instrument skills. For example, draw lessons from and use Pipa's string sweeping method and wooden fish's percussion skills. On the other hand, we can learn the playing skills of Western musical instruments, such as playing with fingers other than Chinese, food and thumb, as well as the role of left hand in playing.

### 3. Diversified development trend of performance techniques

Nowadays, the development direction of music will be more and more diversified, and Guzheng playing skills are no exception. On the basis of the original techniques, the playing techniques of Guzheng have formed new techniques, such as turning fingers, pointing fingers, changing the order of notes, shaking fingers and so on. At present, the Guzheng skill has been improved and innovated obviously after integrating various elements of the new era. The performance skills of Guzheng are more and more in line with the development of the times.

#### 4. Teachers want students to understand the characteristics and evolution of Guzheng

In the art of Guzheng, as a basic skill of learning basic conditions, students should first understand the long history of traditional Chinese zither, so that students can be influenced by the culture of Guzheng. The second is the performance, mastery and familiarity of phonemes, which is the most important basic technical theory and long-term accumulated improvement skills. In the current big dye vat education, teachers should not only provide students with basic theoretical knowledge of traditional Guzheng, but also lead students to develop good learning habits, solid basic skills, and provide reasonable suggestions for students. In the process of students' Guzheng practice, teachers should make a good plan for students' teaching contact in advance. In the process of teaching new knowledge and repertoire, we should arrange teaching in advance according to the time, consolidate and review the tracks learned through a network. In the practice of new curriculum reform, teaching should be carried out according to different types and levels of students' personality. For some very challenging repertoire, we need to learn according to the understanding period, so as to better grasp and understand. After getting familiar with the understanding, we should contact each other and consolidate the study of each chapter. Because it's very difficult to learn Guzheng, it needs a very hard spirit. The education of Guzheng teaching, in addition to the basic skills of Guzheng teaching, must also cultivate students' interest and cultural literacy, improve their cultural heritage, carry out extracurricular activities and school activities, enrich students' exhibition stage, and improve students' interest in playing the piano.

### 5. Conclusions

This paper first describes the development and reform of modern Guzheng playing skills. The Guzheng playing techniques have experienced many innovative development stages. Secondly, it points out three suggestions on the application of modern Guzheng performance techniques to teaching, that is, music teaching methods should be combined with Guzheng performance skills to achieve diversification; secondly, the teaching methods of Guzheng should be integrated with artistic beauty to conform to the trend of the times; finally, it is necessary to integrate the artistic beauty into the teaching technology of guzheng, which is in line with the innovative concept of the times and applied to music teaching. In this way, students can constantly think and innovate Guzheng playing skills, and gradually form their own understanding of music through practical activities. It can be seen from the above research that as a stringed instrument, Guzheng's performance skills have gone through different stages since ancient times, and have been innovated and developed in the continuous reform. Technological innovation is in line with the requirements of the times and inheriting ancient culture and art, so we should cooperate with an effective teaching system, combined with the Guzheng performance technology in music teaching, hoping to be effectively used in music Guzheng performance art teaching.

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