Retraction

Retraction: Experimental Research on Dance Teaching Based on Computer Multimedia Technology (*J. Phys.: Conf. Ser.* 1744 032101)

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The authors of the article have been given opportunity to present evidence that they were the original and genuine creators of the work, however at the time of publication of this notice, IOP Publishing has not received any response. IOP Publishing has analysed the article and agrees there are enough indicators to cause serious doubts over the legitimacy of the work and agree this article should be retracted. The authors are encouraged to contact IOP Publishing Limited if they have any comments on this retraction.

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Experimental Research on Dance Teaching Based on Computer Multimedia Technology

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Abstract. Along with the progress of the society and the development of science and technology, computer multimedia technology has been widely used to the life of people, in the development of the connotation of modern teaching practice work, the new multimedia technology guide is very important, quality education is becoming more and more urgent, sports dance teaching also gradually be taken seriously, sports education gradually toward diversification direction. With the main role of Xing Xing multimedia, the further development of the dance project in Figure 1 is promoted. The application practice of new multimedia technology in sports dance is comprehensively discussed, and the technology-oriented mode and the factors of teachers' role are pointed out, so as to realize the utilization of technical advantages in education and teaching.

Keywords: Multimedia Technology, New Multimedia Technology, Teaching, Dance

1. Introduction

Human civilization has entered the information age, and the new multimedia technology represented by The Internet technology has given great impetus to human society and also brought strong impetus to the rapid development of modern education technology. In terms of the current sports dance teaching, the new multimedia technology in the teaching process highlights the leading technology, the traditional sports dance teaching practice work puts forward a new challenge, make originally relatively drab and interactive teaching between teachers and students in the collaborative technology of multidimensional dynamic two-way teaching development road, carrying and passing the more abundant teaching resources and information. It has the characteristics of The Times and practical value to actively respond to the application practice of technology and carry out research and exploration. Pre-analysis of new multimedia technology related concepts¹.

2. About the concept connotation of media and multimedia

Media-derived from its English lexicon, media-contains two specific meanings: one is a definite medium reflecting its theme, the other is a physical entity (various storage media) that stores information, and the other is a symbolic carrier (such as text, sound, image, number, symbol, etc.) that represents information. It is now common to call the medium by which information is delivered.
Multimedia, as the name implies, is a variety of media, referring to the information of media diversity in form, can be broadly understood as to direct stimulation in the human sense organs of text, images, sound, animation, video and other media collection, or a variety of information carrier performance mode and delivery[2].

About the concept connotation of multimedia technology. Multimedia technology generally refers to the technology of integrated processing of text, graphics, images, video and other media information through Internet technology. As the main body of its content, various media information forms an information system through internal logical association and has multidirectional interaction.

Compared with the traditional planar digital media technology, the new multimedia technology mainly takes advantage of the realistic technology and other technologies, which are presented by literature and music.

At the same time, it also has the spatial and visual characteristics brought by painting and architecture[3].

Figure 1. Advantage of multimedia dance teaching.

3. Technology-oriented mode of physical education dance teaching based on new multimedia technology

In the middle and late 1980s, dancesport officially landed in China and entered some universities. A few years later, dancesports became a compulsory course listed by the Ministry of Education in the Physical Education department of normal colleges and universities. From this point of view, in the following years, domestic universities quickly introduced dancesports into the classroom and made remarkable achievements. As the content of sports dance teaching is compatible with the characteristics of dance art and the advantages of sports competition, and has the ornamental characteristics of both, with the large-scale development of sports dance teaching in China, its teaching techniques and methods are constantly enriched, and the multimedia technology of sports dance teaching achieves diversified development.

The technology-oriented model of sports dance teaching with new multimedia technology has its significant advantages, which are mainly manifested in the following three aspects.

First of all, the teaching means have been innovated. The teaching means of sports dance teaching with new multimedia technology are significantly improved, and the diversified teaching means obviously enhance the interest of sports dance classroom teaching practice, improve the enthusiasm and initiative of college students to actively participate in sports dance course learning, and their
participation in independent learning is significantly increased. Secondly, it innovates the teaching dimension. The teaching dimension of sports dance by using new multimedia technology is obviously improved, and the visual expression form of sports dance teaching practice is obviously strengthened. For example, in some targeted strong teaching demonstration of sports dance teaching process, teachers are not able to use language comprehensively and accurately will be clear, a dance features and use new multimedia technology of 3 d virtual reality situation after the show, students can intuitively perceive and comprehend the characteristics of sports dance and charm, thus deepening the students understanding of sports dance art and education. Thirdly, it innovates the classroom teaching atmosphere. Sports dance teaching with new multimedia technology creates and activates multi-dimensional classroom teaching practice. In teaching practice, classroom teaching combines multi-level and multi-dimensional real-time teaching methods, such as teacher's words and deeds, background sound effect, motion micro-presentation, virtual reality situation display, and teacher-student interaction, in one classroom. Above to give three-dimensional presentation. It can be imagined that the learning passion of college students under this situation is how to be inspired by the comprehensive technology.

Of course, multimedia technology is not omnipotent, and the technology-oriented model of sports dance teaching with multimedia technology also has some shortcomings, which are mainly manifested in the following three aspects. First of all, interactive performance can go awry. Sports dance teaching itself emphasizes the communication between teachers and students interactivity (use body, language, eye contact, etc) of communication, and the use of sports dance teaching of multimedia technology, probably because teachers use the common teaching video or virtual video, because of the technology itself show defects, can lead to a lack of understanding and expression, make the dance teaching evolution into a simple copy and imitation of action, thus weakened the ideas[4].

Communication and artistic expression of tension. Secondly, it may weaken the dominant position of teachers in teaching. Many links in the teaching process emphasize the dominant position of teachers and the main role of students in learning. However, sports dance teaching with multimedia technology is prone to neglect the dominant position of teachers and attach importance to the presentation form of teaching media. In this mode, the teacher may be constrained by teaching, meet the exchange of ideas and body movements to give student demonstrations, but due to emphasize the unity of technology, multimedia teaching technology of rigid will hinder the personal cultivation of university students', may make the sports dance teaching become sports or dance interpretation of the situation, make the creativity of sports dance teaching produces. Therefore, the practice of sports dance teaching with multimedia technology is restricted by technical factors, and the resulting technical constraints should be weakened to emphasize the rational use of multimedia courseware[5].

4. The role of sports dance teachers based on multimedia technology

A practical technique is invented by application, and man is always the master of the technique.Slaughter. Therefore, the application of new multimedia technology to the field of education, the key is to obey the basic principles of education.

First of all, it is necessary to clarify the dominant position of teachers in teaching and the auxiliary teaching position of multimedia technology, and give full play to the practical value of multimedia technology, on this basis. On, consolidate and play the leading role of teachers. Although multimedia technology to promote the sports dance teaching practice, it is a kind of auxiliary support technology, its purpose is to become the teaching effect, based on teaching practice for dot technology implementation, therefore, teachers and students must pay attention to their own value and role of teaching, thus improve the understanding of the function of multimedia assisted teaching, based on the teaching practice, has it been possible to implement proper technology application, to a greater degree. On strengthening the leading role of teachers[6].

Secondly, it is necessary to define the regulating function of teachers' teaching and establish the consciousness of multimedia technology serving teaching. In the teaching practice of using
multimedia technology, it is the precondition for teachers to regulate the teaching rhythm and improve students' learning enthusiasm and initiative, so as to enhance students' participation in classroom teaching. For example, from the perspective of practice, teachers' teaching regulation means with appropriate artistic skills can effectively complete the emotional communication between teachers and students, and achieve task oriented communication and reinforcement. Therefore, teachers must have a clear classroom teaching content and teaching objectives, so as to implement effective classroom practice regulation. The stronger the purpose of teachers' teaching practice is, the more powerful the service supported by technical means will be. Therefore, the use of teaching means must have definite purpose and pertinence.

Third, in the use of multimedia technology in sports dance teaching, but also to choose and combine the appropriate multimedia technology, through the play of technical advantages, into. A good helper for teachers. In the teaching of dancesport, five basic media types (sensory media, expressive media, expressive media, storage media, and transmission media) can be appropriately selected and optimized.

![Figure 2. Application of multimedia dance teaching.](image)

The realization media synthesis application. At the same time, while maintaining the necessary (neither excessive nor lack of) information, the appropriate display speed and quantity control should be matched, and the effective teaching practice courses should not be interpreted as the publicity video of multimedia courseware. In the practice of dancesport teaching, teachers also need to make use of multimedia courseware to drive the autonomous learning of college students in real time. It is in this process that multimedia technology can cooperate with teachers' teaching behavior and achieve seamless interaction between teachers and students.

5. Conclusion
To sum up, the new multimedia technology gives great support to the sports dance teaching, but also has its technical obstacles. Therefore, taking into account the technical characteristics of the implementation of teaching practice, It is necessary to give full play to the advantages of the new multimedia technology and reduce obstacles, thus highlighting the value of new multimedia technology for the dance sport teaching.

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