

Thoughts on the Division Standard of Digital Basketball Technology in the Times

Huang Bin

Jiangxi Vocational Technical College of Industry & Trade, Nanchang, Jiangxi, 330038, China

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Abstract: Basketball technology classification system classifies complex and diverse technologies according to their nature, region, number characteristics and similar functions, defines their respective affiliation and makes them networked. In the PE class of colleges and universities, the teaching of basketball skills and tactics has always occupied an important position. However, there are many external factors that affect the teaching effect, including college students' sports ability, tactical content, practice methods, teaching modes, teaching hours and so on. Scientific classification can make people have an intuitive understanding of the technical system of basketball, and help people to distinguish the main contents of basketball technology and correctly grasp and understand these contents, so as to have a deeper understanding of all kinds of tactical actions and the relationship between them. This paper analyzes the problems existing in the current basketball technical classification system, tries to build a new basketball technical classification system, and discusses the basketball technical classification standards.

1. Introduction

Basketball technique is the general name of the special actions used by players in basketball games for attacking and defending. It includes moving action, controlling and dominating the ball and competing for the ball, as well as the action system composed of these actions [1]. Basketball is a collective sports competition, and its specific form of confrontation is based on specific tactics. Therefore, in basketball competitions, the cooperation between teams and the tactical arrangement are the notable features of basketball competitions [2]. There are many skills and tactics in basketball. By effectively classifying these tactics and techniques and optimizing the relationship, a set of basketball skills and tactics classification system can be formed [3]. Although the current basketball technical classification system has been widely recognized and applied in China, there are still some shortcomings in the scientific standard and meticulous classification, which bring some confusion to the theoretical research and practical application of basketball and need to be revised and adjusted [4]. Basketball involves a lot of content, and it is extremely complex and diverse. In addition, different students' sports abilities are also different, which directly has a negative impact on teaching quality and efficiency [5]. Therefore, improving the quality and efficiency of basketball skills and tactics teaching should be put in the first place in physical education (PE) class.

With the growth of basketball, basketball tactics have become more complex and changeable, and the integrity of offensive and defensive tactics has become stronger and stronger. The offensive tactics have entered the stage of mobile offensive tactics, and the defensive tactics have shown their due initiative and aggressiveness [6]. After the reasonable classification of basketball skills and tactics, we can fully realize the content of the classification system of basketball skills and tactics. In the process of the continuous evolution of the classification system of basketball skills and tactics, basketball has also been greatly developed. At present, the technical classification of basketball is mainly based on the law of the unity of opposites between offense and defense, the principle of human sports science and the task of technical action [7]. First of all, all kinds of technical movements are divided into two categories: offensive technique and defensive technique. The two categories of offensive technique and defensive technique each include several types of movements with similar structure and the same function, and all kinds of movements also have many different

methods. Basically, basketball techniques are classified and systematized according to this system. In the practice of basketball teaching, teachers must pay attention to comprehensively optimizing the training of students' skills and tactics, not only guiding students to master solid basketball skills, but also guiding students to master good tactical ability in basketball, so as to comprehensively improve the overall basketball level of college students. This paper analyzes the evolution and reconstruction of the classification system of basketball skills and tactics in the digital age, and discusses the classification standard of basketball skills.

2. Tactical analysis of basketball

2.1. Composition of basketball tactics

With the corresponding changes in the rules of the basketball game and the player system, the basketball skills and tactics have also changed greatly. The basketball skills and tactics have been developed from the original simplicity to the complexity, and gradually developed from the initial low-level stage to the advanced stage. Basketball tactics are composed of three parts, namely form, method and technique [8]. In the process of competition, technology is the basic means that players should master, and it is also the basis for basketball tactics to be realized. Is the core content of methods and tactics; The form is mainly reflected in the external performance of tactics. During the training period, the athletes all adopt actual combat training, which effectively trains the athletes' adaptability and specific actual combat ability. In actual combat training, the relevant personnel constantly sum up experiences and lessons, combine the different physical qualities of different players and the rules of the game, formulate more reasonable basketball skills and tactics, and summarize the team cooperation actions and individual actions played by athletes in basketball games, so as to construct a relatively complete classification system of basketball skills and tactics.

2.2. Basketball consciousness and tactical consciousness

With the growth of basketball technology, the evolution of competition rules, the reform of competition system and the improvement of athletes' physical fitness, basketball tactics are constantly changing from simple to complex, from low level to high level. Through the fierce practice of offensive and defensive confrontation by athletes, people are constantly summing up and innovating, classifying a series of purposeful and effective individual and collective actions in basketball competitions. It constitutes a basketball system with rich contents, various formations and complete structure. Basketball consciousness refers to the cognition and reaction of basketball players to basketball matches, mainly including self-control ability, adaptability, tactical thinking ability, reaction ability, etc. According to the smooth arrangement from low to high, basketball consciousness can be divided into primitive consciousness, technical consciousness, tactical consciousness and competition consciousness. Technology is expressed through tactics, and tactics are formed on the basis of technology. In order to realize basketball tactics, on the one hand, we need the support of certain tactical awareness, on the other hand, we also need players to master the necessary skills in technology. Without technology, tactics can't be discussed. On the contrary, the improvement of tactics can promote the further growth of technology to a certain extent. The improvement of basketball technical level is bound to stimulate the corresponding changes of tactics. Generally speaking, the technical level is certain, and the growth of its tactical level is equal to it.

3. Problems existing in current basketball technology teaching and classification

There is a certain period of time in the basketball game. Both sides of the game have not got the control ball, and the state of the ball right is in a state of competition for the control ball. In this process, both sides of the game will take a lot of technical and tactical actions around the competition for the control ball. Because the ownership of the control ball is undetermined, the offensive and defensive purpose determined by the state of the control ball is also in a state of undetermined. Due to the short-lived state of the ball-fighting, coupled with the unclear

understanding of the state of the ball-fighting, the state of the ball-fighting is often ignored by basketball workers. The state of the ball-fighting is mistakenly divided into the two-dimensional state of the ball-controlling party and the ball-controlling party, while the state that neither party controls the ball is omitted [9]. Most PE teachers are athletes themselves, or graduated from professional PE institutions. In the actual teaching process, some teachers will unconsciously apply the practice means and teaching methods in the classroom of PE institutions to the students of non-PE institutions. It is objectively unrealistic to apply classroom teaching methods in PE colleges to the teaching of students in non-PE colleges, which will not only exert great pressure on students physically and psychologically, but also effectively improve the teaching quality and effect.

The two-dimensional classification system of basketball offense and defense is based on the two-dimensional division of control ball state. Because the two-dimensional division method of control ball state misses the situation that both sides don't control the ball, the technical actions during this period are aimed at gaining possession of the ball, so it is unreasonable to divide these tactics into attack system or defense system. Through the observation of basketball tactics teaching, it is found that a considerable number of PE teachers use demonstration and explanation in the tactics teaching process, and only use demonstration and explanation as a teaching method. In addition, there are many tactical contents, and the knowledge involved is changeable and complex. Only relying on this teaching method, students enjoy the process of understanding and accepting relevant knowledge. When teaching tactics, some PE teachers ignore the research and design of teaching forms, and just copy the relevant tactical contents so that learning and practicing can excessively stimulate athletes' muscle strength, resulting in athletes' injuries during training. Combining the dynamic training method with the static training method to formulate the athletes' core strength training program can strengthen the athletes' core strength and bearing capacity, enable them to give full play to their strength and improve their professional skills during the competition.

4. Reconstruction of basketball technique classification system

In the classification system of basketball technology, the technology of battling is introduced, and basketball technology is divided into three categories: offensive technology, battling technology and defensive technology. Then subdivide according to the similarities and differences of action structure and action function. In the basketball game, players are in a dynamic state almost all the time, using all kinds of technical actions to complete the offensive and defensive tasks. Mobile technology runs through the whole process of the basketball game. According to the offensive and defensive purposes of technology, mobile technology can be divided into three categories: offensive movement, defensive movement and ball-fighting movement. The classification of basketball technical movements is shown in Figure 1.

Any technology of competing for the ball must meet the necessary condition that the technology is used in the state of competing for the ball. According to this definition, the techniques of fighting for the ball mainly include moving, rebounding, jumping and so on. In the game, there are not only two sides of attack and defense, but also a variety of situations, such as non-attack, non-defense, and also attack and defense. However, in the three-dimensional classification system of basketball techniques and tactics, the conversion of attack and defense only emphasizes the two sides of attack and defense, ignoring other existing aspects. As far as the nature and regularity of the conversion between offense and defense are concerned, there must be two sides in the basketball game, and the relationship between them is opposite, but they are interrelated and inseparable. After clearly grasping the connotation of the conversion between offense and defense, we can effectively understand the concept of basketball ball control in basketball and strengthen the ideology of the conversion between offense and defense. However, the conversion between attack and defense only pays attention to unilateral ball control conversion. The analysis and correction process of basketball training error technical action is shown in Figure 2.

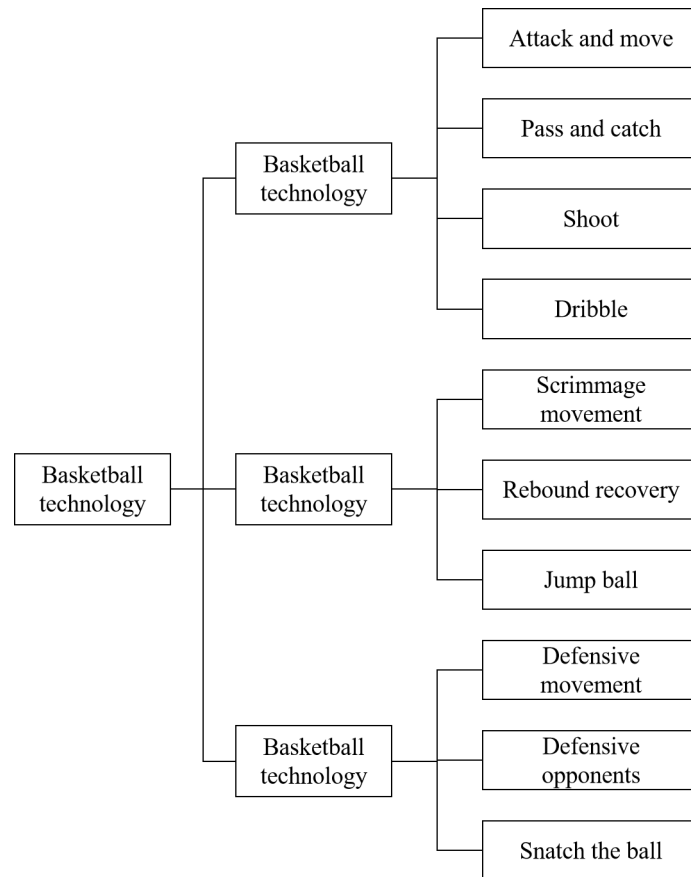


Figure 1 Classification of basketball technical movements

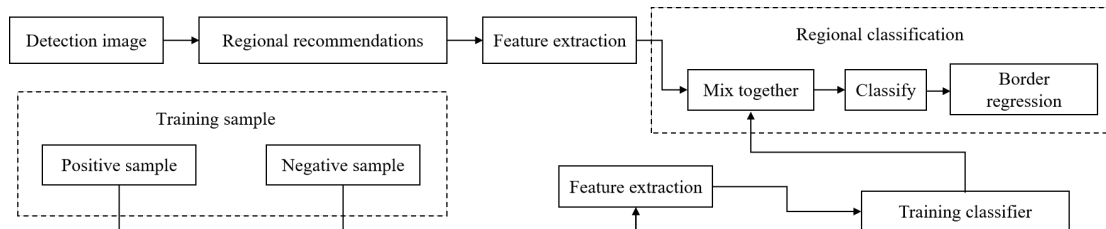


Figure 2 Analysis and correction process of wrong technical actions in basketball training

Tactics are formed and developed on the basis of technology, which is an indispensable element of tactics. Most of the students are ordinary high school students. Because they have to take the college entrance examination, they have not mastered the basketball tactics that should have been studied in high school. Due to long-term lack of exercise, their physical fitness is relatively poor. Therefore, in the process of teaching basketball skills, teachers should pay full attention to this practical problem, actively take practical and effective measures to continuously strengthen physical exercise, and lay the foundation for the improvement of basketball skills. In basketball teaching, teachers play a very important guiding role, which not only guides students to learn the correct way, but also needs their own super basketball skills and theoretical foundation, so that students can improve their ability in technical imitation.

5. Conclusions

The state of the ball plays a key role in the classification of basketball technology, which is directly related to the offensive and defensive purposes of basketball technology. Therefore, the scientific understanding and rational division of the state of the ball is the foundation of constructing the basketball technology system. The new classification system provides a new perspective for the classification of basketball skills and tactics, and has certain enlightenment significance for the growth of basketball theory and practice. In the process of college basketball

teaching, improving students' awareness of basketball skills and tactics is an indispensable part of basketball. Teachers need to put the awareness of skills and tactics through regular education in the teaching process, so as to strengthen students' ability to master basketball skills and effectively improve students' performance and performance in the field. Due to the differences in psychological quality, basketball technical level and physical quality among college students, considerable attention should also be paid to the actual implementation of teaching materials. Teachers should choose teaching methods according to local conditions on the basis of fully respecting students' differences, and try their best to choose those targeted and demonstrative basketball tactics as teaching contents. PE teachers should take the actual situation of students as the basis, consider from various angles, proceed from various ways, and design some exercise contents and forms that are suitable for students' promotion on the premise of comprehensively combining teaching materials and fully understanding students' sports ability, so that students can master basketball tactical skills through relevant exercises.

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