

REVIEW
of the official opponent
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for **Li Zongxi's** dissertation
**“Research on physical education management
in chinese colleges and universities”,**
applied for the degree of Doctor of Philosophy
from the field of knowledge 07 Management and administration
in the specialty 073 Management

1.Relevance of the dissertation topic. Physical education in Chinese colleges and universities is an important link in education and an important method and means for growing and cultivating national talents. From the perspective of the modernization of physical education management in Chinese universities, the traditional physical education management mode is difficult to adapt to the current goal of physical education management and the comprehensive development and training needs of students, so it is urgent to seek change and grasp the core of physical education management. The traditional physical education management mode is no longer applicable to the current physical education management mode, and the conflict between the two is increasingly significant. Based on the theory of pedagogy, management, economics and human resource management, it is urgent to analyze the current situation of physical education activity management in the new era as a logical starting point, and to study and improve the management concept, management mode and management system.

In the process of transforming from planned economy to market economy, the tendency of "managererism" shown by the traditional sports system needs to gradually develop to "sports governance". The research on the theory and methods of physical education management in colleges and universities is representative and practical for the improvement of the theory and methods of physical education management in Chinese colleges and universities, and is of great significance to the goal of sustainable development. In 2020, the COVID-19 epidemic has brought a serious crisis of survival and development to the physical education institutions in Chinese universities, and affected the process of social reform in countries around the world, among which the most prominent one is the reform of physical education. Only by correctly, fully and effectively giving into play the management function of physical education in colleges and universities and scientifically allocating the world sports resources, can we improve the use efficiency of sports resources better. In order to solve the physical education in colleges and universities and the specific management process of the combination of theory and practice, the study of physical education administrative department and physical education system management activities, explore the rational, concept of physical education management management and how to affect physical education management, the subject of object

cognitive and management system formulation, to improve the comprehensive development of physical education management effect, efficiency has practical significance. At present, the management of physical education in Chinese universities is facing great challenges. It can be seen that the study of university physical education management is more urgent and representative in China's education cause.

Therefore, these arguments determine the relevance and timeliness of Li Zongxi's thesis, and the purpose is to sort out the problems and target gaps in college sports management in the new era, and find out the main factors affecting the theory and practical application of sports management in universities. Optimize the management mode, perfect the management system, and put forward scientific countermeasures and reasonable suggestions.

2.Connection of work with scientific programs, plans, topics. The paper was conducted within the framework of the following projects № 0121U108135 "Formation of the management mechanism for the innovative development of a higher education institution" in the framework of which the author investigated the evaluation system of physical culture and sports management in colleges and universities and within the framework of the topic "Development of management in the conditions of international integration processes" 2019-2023 (state registration number 0119U001336), within the framework in which the author investigated the main trends and evaluated the foreign experience of managing physical culture and sports in colleges and universities.

3. The scientific novelty of the obtained results. Based on theoretical research, questionnaire survey and mathematical statistical analysis, this dissertation puts forward scientific practice and systematic suggestions for the development of physical education management in Chinese universities under the background of modern physical education management.

The scientific novelty of the results lies in further improving and perfecting the management mode and management system of physical education in colleges and universities, and improving the management methods and means. The main scientific provisions proposed for defense are as follows:

The scientific results are reliable and can be presented as follows in terms of their scientific essence:

First obtained:

- constructs the new era college physical education management theory analysis frame. This analytical framework defines the research boundary and the main observation points for this study.

- this paper mainly probes into the organizational structure, operation mechanism, sports industry and its relationship in the management theory of college physical education management in the new era.

Improved:

- optimizing the organizational design of physical education management in Chinese colleges and universities;

- the evaluation index system of physical education management in Chinese colleges and universities is simplified.

- by analyzing and comparing the management system models and experiences of developed countries, it promotes the development of physical education management in Chinese colleges and universities.

- this paper analyzes the development status of college physical education industry and solves the economic management problems of college physical education management in China.

- it improves and optimizes the theoretical framework of Chinese college physical education management system.

Further developed:

- a systematic analysis of the evolution of physical education management methods and related systems in Chinese colleges and universities, as well as the application of physical education management methods in practice.

- optimized and improved the theories and methods of physical education management in colleges and universities, and made its organizational design and system run more smoothly.

- find out the key problems of the management system of physical education in colleges and universities and optimize the strategy.

- proposed an optimization plan for the development of physical education management in colleges and universities in the post-epidemic era and the context of global economic integration in China and even the world.

4. Scientific and practical significance. The scientific and practical significance of this dissertation research lies in the improvement of the theory and methodology of physical education management in colleges and universities. The practical significance of the results lies in identifying and confirming a new solution to a scientific problem, putting forward a complex scientific regulation and conclusion, and improving and upgrading the theoretical basis and the existing management mode of physical education management in Chinese colleges and universities. Find out the key problems from the elements of the system, to avoid the detour of the physical education management in Chinese universities in the future. From the development of the global university sports industry to find out a clear development path, colleges and universities can also better develop the characteristics of the school.

Using the management theory to solve the development and improvement of the management system of the physical education management system in Ukraine universities and college, and puts forward the scientific theoretical reference and theoretical research framework.

The practical and theoretical recommendations presented were implemented in the activities of the Ministry of Education and Science of Ukraine regarding the formation of paper research requirements. The main results of the work were reported at the II International Scientific and Practical Conference, 2020 IEEE International Conference on Problems of Infocommunications Science and Technology; International Scientific and Practical Conference (Sumy, November 3–4, 2020), XVIII International Scientific and Practical Conference of Young Scientists "Economic and Social Development of Ukraine in the XXI Century: National Vision

and Challenges of Globalization", The International Conference Proceedings Collection in memory of Professor M.G. (April 21, 2021, Sumy) and others.

5. Completeness of presentation of the dissertation material in scientific publications. The main results of scientific research were published in 18 scientific articles: 3 articles in specialized publications of Ukraine, 2 article in journals included in the scient metric databases Scopus, the rest in other journals, monograph and conference materials.

Scientific publications meet the requirements of clauses 8, 9 of the Procedure for awarding the degree of Doctor of Philosophy and canceling the decision of the one-time specialized academic council of a higher education institution, scientific institution on awarding the degree of Doctor of Philosophy (Resolution of the Cabinet of Ministers of Ukraine dated January 12, 2022 No. 44). Acquaintance and detailed analysis of the presented scientific works makes it possible to assert that the elements of scientific novelty, on which the dissertation is positioned, are fully explained in the articles and theses of the reports.

The content of the publications, the characteristics of the publications in which they are placed meet the requirements for the publication of the scientific provisions of the dissertation work. Of the scientific works published in co-authorship, only the author's work was used in the dissertation, as indicated in the list of publications. Thus, there are reasons to claim that the dissertation research contains the author's scientific vision regarding the achievement of the set goal and the solution of the specified scientific and applied task.

6. The degree of validity of scientific statements. Effectiveness and reliability of the scientific statements, conclusions, and recommendations. The scientific propositions, conclusions and suggestions put forward in this paper have been fully confirmed, which has profound scientific significance and has great significance to the development of economy and society. The scientific results obtained are reliable and are based on theoretical and empirical studies. The goals set meet the requirements of research subjects, objects and subjects, science and methodology.

The methodological basis of this paper is a detailed empirical analysis of the specific problems in the management of physical education in colleges and universities. From the perspective of management, general scientific understanding and theoretical support are given to the scientific knowledge in the management of physical education in Chinese universities, and scientific regulations, conclusions and suggestions are drawn. In the process of research, the author has applied a wide range of general scientific and special research methods, such as questionnaire survey method, mathematical statistics method, factor analysis method and so on. A large number of processed scientific literature, statistics, regulatory information, Internet resources and other sources confirm these scientific hypotheses. Through the analysis of the content, the paper has the characteristics of solving specific tasks and implementing set tasks.

The scientific propositions, conclusions and suggestions in this paper are based on the perspective of theory and methodology, based on the theory of physical education and management theory of colleges and universities. Through the study of

guaranteeing the management of physical education in colleges and universities under the management theory, the scientific provisions proposed by the author are confirmed.

In a dissertation, there is a logical relationship between the subject, subject and objective. The objects of this study are the development process, current problems, influencing factors and development strategies of physical education management in China. The topic of this study is to study the international competitiveness of people, finance and material, under the background of university sports industry, the challenge and development path of sports career. The paper research is the independent scientific work of the authors. Scientific achievements, conclusions, and recommendations made by the authors themselves.

Li Zongxi's dissertation work has a logical structure. Its content fully reveals the subject of scientific research. The applicant skillfully presented the material using the modern English language and style. The content of this paper conforms to its very nature. There is an appropriate relationship between the working part and the subdivision, all sections contain graphics and tables, and the links to the information resources are correct. The results presented in the work are confirmed by the implementation certificate. The conclusions and general conclusions of the paper are logical and confirmed by test results of scientific and practice conferences in China, sports developed countries and Ukraine, Ukrainian scientific professional publications, and international journals indexed by the scientific measure database Scopus. All of these above allows us to guarantee adequate validity and reliability.

7. The structure and content of the dissertation. Compliance of the dissertation with the established requirements. Structure and content of the present manuscript. This paper meets the established requirements. This paper is a complete and complete scientific work. Her manuscript contains a complete set of structural elements corresponding to the established requirements: abstract, introduction, three parts, conclusions, list of sources used, appendix. The total workload is 206 pages. The main body of the paper contains 21 tables, 7 figures, and 153 sources. The paper enriches the logical scheme, structured tables, and graphical interpretation, allowing a comprehensive understanding of the research conducted as a detailed and broad scientific work.

The abstract fully reflects the structure of the paper, reveals the scientific achievements and conclusions obtained, as well as the structure and orderly logic of the research.

The presentation of the paper contains all structural elements, including information on actual endorsement of the findings and the personal contributions of the authors to co-published scientific works.

In the first chapter, Defines the concept of physical education management; analyzes the type and development course of Chinese physical education management system. Further improve and perfect the physical education of university management mode and management system.

Among the advantages of the second chapter should be noted: the author analyzes the relationship between people, money and material in Chinese physical

education management to find the best solution; find out the key evaluation indexes in the management system of physical education in Chinese universities and optimize the evaluation index system. It constructs the theoretical analysis framework of physical education management in Chinese universities in the new era.

In the third chapter of the dissertation analyzes the organization mechanism, the organization and operation status of the university sports industry, and explores the organization structure, operation mechanism, the sports industry and the relationship in the management theory. Ensure the purposeful modernization and diversification of relations in the field of sports.

The conclusions drawn by the authors based on the findings are meaningful and reveal the results of the research objectives and future development strategies.

In general, this dissertation is complete and novel, with valuable scientific propositions with theoretical and applied nature, and applies practical suggestions to the practical work of sports management in Chinese universities.

An analysis of the plagiarism check report for the presence of textual borrowings (Strike plagiarism program) was carried out. The reviewers came to the conclusion that the dissertation work of Li Zongxi on the topic "Research on physical education management in Chinese colleges and universities" is the result of independent research of the acquirer and does not contain elements of plagiarism and borrowing in accordance with the resolution of the CMU dated 12.01.2022 No. 44, paragraph 9 Used ideas, results and texts of other authors have a link to the corresponding source.

8. Remarks and wishes for the content. Characterizing the dissertation work of Li Zongxi as a whole, it should be noted that it certainly has relevance, scientific and practical significance. During the review of the work, some issues of a debatable nature, comments and suggestions arose:

1. In order to improve the method basis of research, in Section 1.3, the paper mainly discusses the connotation of organizational design of university physical education management, administrative management system and the design of relevant functional departments. It should be more comprehensive about the connotation of comprehensive sports management in colleges and universities, rather than just the connotation of physical education in colleges and universities, and should continue to follow up in the follow-up research.

2. Considering the method of calculating the data, transferring table 2.5-2.10 in the appendix is advantageous, shown in the appendix ABCD.

3. Table 2.12 The basic types and characteristics of sports management system in sports developed countries, which is a more macro strategic observation. The follow-up research should closely follow the theme, continue to dig deep and refine, and directly focus the theme on the basic types and characteristics of physical education management in Chinese universities, so as to make the conclusion more scientific.

4. In Section 3.2, in order to deepen the research on the operation mechanism of the Chinese university sports industry, we need to expand the statistical basis of the research during 2022.

However, the indicated comments and wishes do not fundamentally affect the overall positive assessment of the dissertation work, are not fundamental and do not

reduce its rather high overall assessment.

9. Correspondence of the dissertation to the specialty and profile of the council:

Dissertation work of Li Zongxi "Research on physical education management in chinese colleges and universities", which was submitted for defense to the specialized academic council for obtaining the degree of Doctor of Philosophy in the field of knowledge 07 Management and administration in the specialty 073 Management according to its relevance, scientifically - the theoretical level, the main results of validity, the main provisions and results published in professional publications, the novelty of the statement and the practical significance meet the requirements of the order of the Ministry of Education and Culture of Ukraine No. 40 of January 12, 2017 "On approval of requirements for the preparation of a dissertation" and the Resolution of the Cabinet of Ministers of Ukraine of January 12 No. 44 of 2022 "On the approval of the Procedure for awarding the degree of Doctor of Philosophy and the cancellation of the decision of the one-time specialized academic council of the institution of higher education, scientific institution on awarding the degree of Doctor of Philosophy" with changes introduced in accordance with Resolution of the Cabinet of Ministers No. 341 dated 03.21.2022. The content of the dissertation corresponds to the passport of the specialty.

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