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**Background:** Tibet-Qiang-Yi Corridor, where is the only regional cultural and tourism industry construction belt at China national level, which is affected by harsh ecological conditions, spatial separation, lagging development of industrial policy and technology and backward management concepts, the needs of psychological and material cannot be timely and effectively met, the happiness is not high, and the basic conditions are backward, which not only aggravate the psychological anxiety of residents, but also limit the enthusiasm for external development. Furthermore, for a long time, the corridor has not formed a strong competitive advantage of cultural tourism industry agglomeration and effect of scale economies. However, previous relevant studies have mainly focused on the research of simple policies or individual cases, what the lack of comprehensive and systematic research across seven provinces and regions across corridors, and the impact on mental health factors (such as psychological needs, well-being, anxiety, personality, etc.) of the local population. In particular, the qualitative and quantitative research on the overall situation of the Tibetan-Qiang-Yi corridor based on Combined with the theories of objective spatial distribution and the mental health management theory are very rare.

**Subjects and Methods:** So the paper applied Mathematical statistics, Location agglomeration entropy, Moran's I index, Agglomeration index, spatial concentration and other methods to analyze the spatial distribution characteristics and typical problems of the corridor culture industry from the perspective of industrial spatial agglomeration. Then introduce the New Economic Geography theory (NEG) and the theory of mental health shaping factors driven by management psychology theory are introduced, so as to constructed a sustainable model of NEG-CP structure with "Point-Group-Belt" structure that is guided by the optimization theories of industrial ecology and mental health shaping.

**Results:** The geographical and economic fracture of the spatial distribution of cultural industries in the Tibet-Qiang Yi corridor is obvious, and the objective regional characteristics of industrial spatial distribution limited and hindered people's subjective management initiative, especially the mental health factors in management psychology seriously limited the happiness and enthusiasm of industrial producers, and the above subjective and objective factors jointly inhibited the healthy development of the industry.

**Conclusions:** Therefore, technically, it is necessary to strengthen the overall regional planning of industrial spatial layout, improve technical capabilities, strengthen the construction of industrial chains and industrial clusters, and enhance the industrial agglomeration capacity of cultural industries in the entire region. At the same time, strengthen the active guidance of local practitioners' mental health factors (such as mental health repair, happiness shaping, psychological expectations, personality shaping, etc.), and use the combination of subjective and objective management psychological effects (such as co-effect, partner effect, butterfly effect, Ziguenic effect, etc.), based on the characteristics of the development of the corridor cultural industry, to play a positive role in promoting its sustainable and healthy development.

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## MULTIDIMENSIONAL EVALUATION OF DANCE SPORT TALENTS AND MENTAL HEALTH

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**Background:** Influenced by the COVID-19, the talent development environment has been greatly affected, and this is also the case for dance sport talent development, especially for their psycho-emotional performance in training. Since dance sport is a combination of sport and art, and it needs abundant emotions and full expression of character traits to attract the audience. However, in the process of talent cultivation, its quality is affected by numerous aspects, and fuzzy comprehensive evaluation (FCE) is a powerful methodology on the basis of fuzzy mathematics, which can make a more comprehensive evaluation of things influenced by many factors especially in the post-epidemic period. Therefore, the FCE can make an accurate, scientific and reasonable evaluation on the quality of dance sport talent cultivation.

**Subjects and Methods:** With the purpose of analyze dance sport talent quality in colleges and universities in southern China, as well as to improve their psychological needs as the main line. Based on the analysis of factors influencing the cultivation of dance sport talents and their interrelationships, this study proposes a FCE method associated with the influencing factors of cultivation dance sport talents in China's colleges and universities, and uses the FCE as well as the empirical analysis method to measure the quality of dance sport talents combined with the results of 112 effective questionnaires.

**Results:** After calculating and analyzing of the data, the results revealed that the quality of dance sport talents cultivation in colleges and universities in south China belongs to the "Good" level. And it can know that in the post

COVID-19 epidemic period, talent training is still conducted according to strict standards. In today's complex and changing environment, healthy and comprehensive development is the first priority to ensure the sustainability of human resources. The results also showed that the teaching environment, social condition and related to teaching were still the focus of talent training quality improvement in the post epidemic period.

**Conclusions:** The findings of this study can provide guidance for the reform of training and management of dance sport talents in China's colleges and universities, and to promote the formation of their healthy and stable mentality. In addition, the method of talent evaluation should also be changed accordingly due to the development of the times and the social environment. At the same time, more consideration should be given to the psychological and emotional performance of talents when training talents. Especially when huge social changes occur, a scientific and reasonable talent evaluation method is extremely important.

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## EXPLORATION AND PRACTICE ABOUT THE TEACHING OF "ULTRASONIC TESTING" COURSE BASED ON THE COMBINATION OF PSYCHOLOGICAL HEALTH WITH ENGINEERING UNDER THE BACKGROUND OF ENGINEERING EDUCATION ACCREDITATION

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**Background:** As an internationally accepted engineering education quality assurance system, the Engineering Education Accreditation (EEA) can realize international mutual recognition of engineering education and engineer qualifications worldwide. Under this background, "ultrasonic testing" course, as a required core professional course of the major of measurement and control technology and instrument, needs to be properly reformed and adjusted on how to carry out the combination of psychological health with engineering and cultivate professional talents for psychosocial requirements and happiness.

**Subjects and Methods:** we carried out the exploration and practice of curriculum teaching mainly from the aspects of teaching content, teaching forms and methods, and curriculum assessment methods based on the requirements of the combination of psychological health with engineering. Through course analysis, virtual simulation and video learning are introduced into teaching, and a variety of teaching forms and methods are flexibly used in teaching, classroom discussion and psychosocial engineering application content are increased, forming a diversified assessment method, which is illustrated by teaching cases introducing psychological health.

**Results:** The analysis of course goal achievement shows that in the process of continuous improvement in accordance with the combination of psychological health with engineering, students' independent thinking ability, innovative application ability and psychological engineering practice ability have been improved, which can support the graduation requirements based on EEA and provide better psychological health services.

**Conclusions:** According to the concept of EEA, we have carried out exploration and practice of the "ultrasonic testing" course based on the combination of psychological health with engineering in the teaching content, teaching forms and methods, course assessment methods and other aspects, and basically formed a teaching mode that is achievement oriented, student-centered, and continuously improved. It is characterized by systematic teaching process, diversified teaching methods, diversified assessment forms, and engineering of theoretical knowledge in the field of psychological health. The teaching quality has been steadily improved. At the same time, the students' learning interest and efficiency have been improved, and the students' independent thinking ability, problem solving ability and engineering practice ability have been trained in the field of psychological health. The teaching exploration and practice of this course has a certain radiation effect on other professional courses.

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## PRELIMINARY STUDY ON REPRESENTATIVE CASES OF PROTECTION OF COPYRIGHT IN DANCE WORKS UNDER INFLUENCE OF MENTAL HEALTH IN CHINA

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**Background:** From a psychological point of view, dance copyright protection is a process of psychological games between the infringer and the creator, which will affect the mental health of the creator. The infringer infringes the