

Result: Specific teaching methods according to the psychological needs of different students can significantly improve physical education. Modern physical education should analyse the psychological changes of students, understand their learning needs, and adopt targeted solutions to their problems, thus bringing into play the teaching effects of university physical education.

Conclusions: In university physical education, university physical education teachers should understand the inner changes of students, and should provide students with the teaching services they need to support the further development of university physical education in accordance with the university physical education syllabus. Physical exercise is not only physical activity, but also psychological and social activities. It is not only beneficial to physical health, but also has a positive role in promoting people's mental health and social adaptability. Physical education should give full play to the psychological health education function of physical exercise, and strive to promote students' physical and mental health. To cultivate the students' spirit of striving, the courage to overcome difficulties, the team consciousness of unity and cooperation, and the positive attitude towards life are actually the psychological needs of students.

Acknowledgements

The study was supported by the Department of education of Hunan Province, Research project on teaching reform of colleges and universities in Hunan Province (No. HNJC-2021-1040).

* * * * *

HUMANISTIC CARE IN INTERIOR SPACE DESIGN - FROM THE APPLICATION OF DESIGN PSYCHOLOGY

Yi Fu, Tianen Fu & Shibo Fu

Design Art, Shenyang Jianzhu University, Shenyang, 110168, China

Background: With the improvement of social and economic development level, people put forward higher requirements for residential space and interior design. Most of people's life and work are carried out in the indoor environment. People perceive changes in external things and understand things through these changes. Affect yourself. Space design is to design space for people to meet the survival activities. In the design, people's psychological perception and humanistic care should be fully considered. Design psychology is an important branch of Applied Psychology and a discipline based on it. It is mainly a knowledge that summarizes people's thoughts, conscious thinking and emotions, and then applies them to design. In the context of the continuous development of technology and art, design psychology reflects people's demand for indoor environment, so it can not be ignored. Maslow Theory and Hick's law are also the basis of indoor environment design. In the interior environment design, the main task is to create an environment suitable for people's physical and mental relief, so psychology runs through the design. As a marginal interdisciplinary subject, design psychology can pay attention to people's psychological activities, improve the indoor environmental experience and meet the needs of users when carrying out indoor environmental art design on this basis. Therefore, under the guidance of some research directions of design psychology, this paper hopes to deepen the indoor environmental art design from the perspective of psychology.

Objectives: People spend most of their time indoors, so the importance of indoor environmental art and comfort is self-evident. How to make indoor environmental art design suitable for people's living and aesthetic art needs is the main goal of this study. The interior environment design under the design psychology is based on people's needs. By grasping the psychological state of users and combined with the impact of the environment on people, we should deal with the current diversified development status of art design. Especially with the advent of the era of information explosion, people know more and more about artistic style, followed by the difficulty of diversified choice. Therefore, we should combine the relevant theories and technical methods of design psychology to help users choose a more appropriate indoor environmental art style, and optimize the content of indoor environmental design based on the input of sensory information and the scientific consideration of environmental style representation phenomenon, so as to meet the needs of users for environment and art style. In a word, the significance of the research is to introduce the new theory into the design work with strong subjective consciousness, look at the indoor environment design work from the perspective of customers, and enhance the pertinence of the design work.

Object and method: The research object is the indoor environmental art design under the design psychology. The research methods adopted include literature method, self-report method, summary and induction method, observation method, case analysis method, etc., as follows:

- Around the keywords of "interior design", "environmental art design", "design psychology", data retrieval is carried out on the HowNet, College Library and other platforms, so as to collect information such as research status and conclusions, and provide sufficient data basis for follow-up research.
- Questionnaire survey and interview. The former is mainly to investigate the indoor art scene and design characteristics of relevant personnel; The latter is to cooperate with the investigation method of observation method, make up for the shortcomings of observation method, and use closed questions to get accurate answers.
- Sort out and analyze the survey data and literature, and implement the analysis method of combining qualitative and quantitative analysis, so as to get a relatively comprehensive and accurate conclusion.
- Observation is an important method to collect factual information in psychological research. In a specific environment, accidental individual behavior or collective behavior, these results provide enough information for analysis and research.
- Combined with specific design cases, this paper analyzes the relationship between indoor environmental art design and psychology, grasps various psychological reactions that users will produce under the stimulation of external environment, discusses the general and special laws of this reaction, and then applies it to the works of environmental art design, so as to design environmental art design works that can cause people's pleasure, comfort and aesthetic feeling.

Result: Through the analysis and research of human vision, we are determining the input mode of visual information and effectively stimulating the best visual range within the visual field. Environmental perception and cognition exist all the time. Based on the particularity of human development, we can get how the environmental information finally arranged by the design staff affects people's cognitive changes. We can infer the subjective knowledge from the objective existence and get the environmental information from the personal subjective psychological judgment.

Conclusion: Environmental design is a subject based on people's feelings. In the comprehensive application of environmental design, design psychology should take people's cognition, consciousness and behavior tendency as the main control means to deal with the interactive balance between perceptual thinking and rational technology. While emphasizing functionality, it also has psychological needs, endows humanistic care and optimizes the design, so as to achieve the goal of improving the quality of life in a real sense.

Acknowledgements

The study was supported by the Liaoning Commemorative Cultural and Creative Industry Innovation Research Project based on red Tourism Theme mode of Liaoning Education Department (No. LNJ201919).

* * * * *

DESIGN AND RESEARCH OF NETWORK MENTAL AND PSYCHOLOGICAL FEATURE PREDICTION SYSTEM BASED ON CLOUD COMPUTING TECHNOLOGY

Fanghai Gong

School of Information Engineering, Guangzhou Huashang Vocational College, Guangzhou, 511300, China

Background: At present, the network mental and psychological feature prediction system involved in China often has the problem of insufficient accuracy of prediction results, which is difficult to be consistent with the actual results, which will not only further improve the prediction time, but also difficult to protect users' mental health. Although many scholars have put forward new definitions and diagnosis and treatment methods of mental diseases, it is difficult to accurately evaluate the severity and persistence of people's mental diseases, The traditional network mental and psychological feature prediction system can not meet people's use needs, and even cause irreparable damage to some groups. Therefore, it is urgent to develop a new network mental and psychological feature prediction system.

Objectives: Mental health has always been a key research object in China. All departments and institutions are constantly improving the promotion of mental disease treatment, striving to eliminate mental disease discrimination and achieve a significant improvement in the accuracy of psychological feature prediction. Based on this, this paper will propose taking cloud computing as the core technology of the system. This technology itself has good computing effect, can complete the calculation of a large amount of data in a short time, and efficiently complete the analysis of information characteristics. The