

Table 1. The two groups of subjects' satisfaction scores of new media technologies before and after the experiment were compared

Impact indicators		Satisfaction of basic functions of the product	Product innovation	User friendly design
Experience group	Before	4.19	3.21	3.25
	After	4.27	4.85	4.79
Control group	Before	3.92	3.46	3.18
	After	3.54	3.68	3.21

Conclusions: The application of 5G technology breaks the gap between virtual reality and the real world. Its integration with media technology enables information to construct a “virtual reality scene” in the process of communication, expands the scope of people’s contact and perception of the world, and gradually becomes a “witness” and “field observer” of news events in a three-dimensional and multi sensory reception situation. With the help of social psychology, it can promote the innovation of 5G media’s new technical means and the improvement of service quality, effectively build a communication bridge between individuals and social groups, and make the new media more humanized and accurate.

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APPLICATION OF INTELLIGENT TECHNOLOGY IN ELECTRICAL AUTOMATION CONTROL UNDER THE BACKGROUND OF COGNITIVE IMPAIRMENT

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Background: As a functional impairment disorder, cognitive impairment often leads to the reduction of the computational efficiency of human brain in calculation, orientation, structure and execution ability, and different degrees of cognitive impairment will have different effects on people’s overall function and survival function, resulting in abnormal information processing processes related to learning, memory and thinking judgment, and behavioral disorders. When patients with cognitive impairment perceive information, such as learning and memory, there is a deviation in understanding and perception of the form and content of information, which makes the functional imbalance of neural information in the process of activity, resulting in the conflict between the information person’s sense of information and the original cognition. The confusion of information increases the difficulty of information extraction. Mild cognitive impairment mainly refers to mild memory or other cognitive impairment beyond the allowable range of their age, with the normal ability of daily living. In the field of epidemiological research, it is found that the proportion of mild cognitive impairment is increasing year by year. Effective early intervention for cognitive impairment can improve the cognitive level of patients and improve their attention and understanding. The performance of the electrical automation control system will affect the group’s extraction of system software operation information, the use performance and evaluation of related products, and then produce different psychological feedback. And intelligent technology not only improves the efficiency of electrical automation control and enterprise efficiency, but also increases the difficulty for technicians to skillfully operate the control system and improves the employment threshold. Intelligent technology puts forward more requirements and standards for the performance of electrical automation control system, but the lack of technical proficiency and relevant working experience make the software designers of automation control system less consider the service needs and cognitive level of cognitive impairment groups in software performance optimization. Thus, this group has certain difficulties and potential safety hazards in the use of technology-related products. Considering the development of electrical technology and automation technology, we can further improve the cognitive ability of electrical professionals, and further improve their ability to adapt to the development of automation technology.

Objective: Starting from the needs of people with cognitive impairment, innovate and optimize the function of electrical automatic control technology, design a barrier-free electrical automatic control application system for patients with cognitive impairment, improve the optimization of electrical automatic control performance, such as the simplicity of calculation instructions and the differentiation of functions, and upgrade the application software of control engineering.

Research objects and methods: Some patients with cognitive impairment were selected as the research objects, and through their participation in the skill test of electrical automation control specialty, their problems in the practical application were collected, such as visual impairment of system instructions, difficulty in execution, etc. Then, the electronic automation application control model is designed to meet the cognitive practice needs of patients with cognitive impairment, in order to improve their professional practice ability and promote the development, application scope and promotion of electronic automation control.

Method design: After understanding the problems existing in the application and control of electrical automation in patients with cognitive impairment, optimize and improve the automatic control system, such as the integration of software function modules and the design of system instructions, and apply the improved automatic control system to patients with cognitive impairment, collect the remission of cognitive impairment and the improvement and intervention of patients with different degrees of cognitive impairment before and after the experiment, and explore the optimization direction and application prospect of intelligent technology in electrical automation control under the background of cognitive impairment through comparative experiments.

Methods: The correlation between cognitive impairment and the optimization of electrical automation system was explored with the help of principal component analysis, and then the data of cognitive score and practical ability of patients with cognitive impairment before and after the experiment were collected and sorted by the constructed optimization model and comparative experiment, and the experimental data were imported into statistical analysis tools for processing.

Results: The user needs of people with cognitive impairment are less met and reflected in the application of electrical automation control system, and the optimization of electrical automation system with the help of intelligent technology can effectively improve the cognitive level of this group in life and learning and improve their practical ability. Experiments show that the optimized electrical automation control system can effectively improve the cognitive level of patients with cognitive impairment in language understanding, mathematical logic, memory and so on. Table 1 shows the score statistics of cognitive impairment personnel on the electrical automation system before and after the experiment. The score value represents its satisfaction with the system.

Table 1. Statistics of satisfaction of patients with cognitive impairment with electrical automation system before and after the experiment

Index	Instruction pertinence	Ease of operation	Language comprehension
Before experiment	10.25±2.14	7.25±2.03	4.35±1.68
After the experiment	15.23±2.03	19.23±1.42	15.24±1.22

Conclusions: The application of artificial intelligence technology in the process of electrical automation control can not only promote the intelligent development and optimization of an electrical engineering system, but also effectively reduce the material, financial and human resources of enterprises. At the same time, from the perspective of cognitive impairment, promote the reform and innovation of automatic control application system, effectively improve the health level of patients with cognitive impairment, and promote the progress and application scope of the electrical automation industry to a certain extent.

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AN ANALYSIS OF THE CURRENT SITUATION OF ANCIENT CHINESE LITERATURE FROM THE PERSPECTIVE OF COGNITIVE IMPAIRMENT

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Background: The one and only ancient China's literary works embodies the essence and infinite wisdom of ancient sages and sages. It has a high literary appreciation value and unique artistic characteristics. It is the cultural connotation and wisdom crystallization of history. In Chinese ideology and culture, people have high subjectivity and ideology. Learning Chinese ancient literature is not only the inheritance of excellent culture and helps us enhance cultural self-confidence, but also plays a guiding role in our daily life and gives us some enlightenment and perception. However, at present, there are still great problems in the study of Chinese ancient literature, and the arrangement of the literature curriculum is still unreasonable. Ancient