it is the development history, the customs and the special environment of the Yudong area that has created the Yudong ramming songs. Local folk songs have obvious local characteristics and contain rich local spiritual resources, which can show the psychology and living conditions of local ethnic groups and have great value for exploration. In the case of Yudong ramming songs, the singing form, rhythmic characteristics, lyrical content and tunes, and song structure of the corresponding works are all more elaborate and have a high value of exploration, which can achieve a more vivid and vivid display of the musical and spiritual content, group psychological connotation, daily and working life, customs and habits of the local people and ethnic groups in Yudong.

The Yudong ramming songs have unique musical characteristics and spiritual and artistic values, and the analysis of these contents enables the deeper excavation and appearance of the psychological and spiritual connotations of the group in the Yudong ramming area, providing more reference support for music learners and relevant singers to start learning and performing Yudong ramming songs. At the same time, in order to better realise the inheritance and transmission of Yudong ramming songs, it is necessary to effectively grasp the artistic performance value, aesthetic value, spiritual connotation and humanistic value of Yudong ramming songs, so that more people can feel the unique charm of Yudong ramming songs, and also realise a deep knowledge and understanding of Yudong ramming songs and the psychology of the ethnic groups in the Yudong region. While preserving the ramming songs of Yudong, it is also important to think deeply about how to promote their development and transmission, and to explore a suitable direction for the development of ramming songs in Yudong, taking into account the historical development of ramming songs in Yudong and the laws of development.

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RESEARCH ON THE RELATIONSHIP BETWEEN ARTIFICIAL PSYCHOLOGY AND INTERNET OF THINGS TECHNOLOGY

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Background: The 21st century is a new era into information technology, smart city, 5G communication technology, Internet of Things technology, 3D display, enhanced display technology, cloud computing, energy saving of motor system, etc. have become a variety of technologies affecting China at present, and IoT technology, as one of them, has naturally transformed into a topic of concern and hot discussion, with more diverse related research and application. The ultimate goal of IoT technology is to provide better intelligent services for human beings, to meet various needs of people and to let them enjoy a better life. To achieve these goals, it is impossible to add sensors to the Internet alone, and highly intelligent processing technology is required. As a cutting-edge intelligent processing technology, artificial psychology is also gradually coming to maturity with the help of the Internet of Things.

Objective: The main objectives of this study are: firstly, to provide a clear excavation and analysis of the realistic level of development of artificial psychology and IoT technology and the related technological achievements through the analysis of the main elements of artificial psychology and IoT technology. Secondly, to explore in depth the relationship between artificial psychology and IoT technology, and to identify common paths for the integration of artificial psychology and IoT technology at this stage. Thirdly, a deeper analysis of the integration of artificial psychology and IoT technology is implemented in the context of real-life application cases, and the real-life scenarios and main functions of the integration of artificial psychology and IoT technology are refined to promote the continuous deepening of the integration of artificial psychology and IoT technology.

Subjects and methods: The main ideas of this study are shown as follows: firstly, digging and analysing the definition of concepts related to artificial psychology, artificial emotion and IoT technology, the realistic development background and situation, and completing the analysis and research on the integrated application of artificial psychology and IoT technology from the perspective of artificial psychology and IoT technology. Second, to explore the relationship between artificial psychology and IoT technology, the necessity and feasibility of combining the two, as a basis for exploring the main ideas of the integration of artificial psychology and IoT technology. Thirdly, to select real-life scenarios of the integration of artificial psychology and IoT technology, and to explore the main functions of the integration of artificial psychology, artificial emotion and IoT technology, in order to provide support for the subsequent better development of the technology level.

The research methods applied in this study are as follows: Firstly, the literature survey method is applied, in which research literature, books and materials related to artificial psychology, artificial emotion and IoT technology are searched, and relevant literature on artificial psychology and IoT technology is collected, and a comprehensive analysis and in-depth investigation is carried out. Secondly, the case study method. For the comprehensive use of artificial psychology and Internet of Things technology related materials and literature to implement a large number of collection and collation, selected intelligent home appliances, home security control, transportation anti-theft tracking and other artificial psychology and Internet of Things technology integration application of real-life scenarios and cases, detailed understanding, analysis of artificial psychology and Internet of Things technology integration application of smart homes and a series of life, work operation support, emphasizing that intelligent life and production are require artificial intelligence, artificial emotion, speech recognition and synthesis, machine vision, network interconnection, graphic images and other technologies as support.

Result: In this study, mainly from the perspective of the integration and utilisation of artificial psychology and IoT technology, the actual development of artificial psychology and IoT technology as well as the current situation of its application are launched into a comprehensive and in-depth interpretation, the feasibility and common ideas of the integration and utilisation of artificial psychology and IoT technology are analysed, and the relationship between the mutual influence and support that exists between artificial psychology and IoT technology is explored. Scenarios such as smart home appliances, home security control and transportation anti-theft tracking are selected as real-life scenarios and cases for the integration of artificial psychology and IoT technology, and are analysed in depth, thus summarising the main functions and development ideas of the integration of artificial psychology, artificial emotion and IoT technology, and providing more methodological and theoretical support for the integration of artificial psychology and IoT technology.

Conclusion: Artificial psychology and IoT technology have more obvious advancement and play an important role in promoting the intelligent development of various operations in people's daily life and work. For artificial psychology, it provides more intelligent decision support for the IoT; and for the IoT, it provides technical support for artificial psychology to achieve efficient perception of human psychological needs. In the integration of artificial psychology and IoT technology, intelligent identification, intelligent detection and location tracking are the main functions, and the basic idea of the comprehensive use of both, which can play an extremely desirable technical advantage in many fields. At this stage, artificial intelligence, artificial emotion, speech recognition and synthesis, machine vision, network interconnection, graphic images and other technologies are needed to support the development of intelligence in various fields.

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VISUAL REALITY OF DIGITAL 3D ANIMATION BASED ON MENTAL DIMENSION

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Background: Compared to 2D animation, digital 3D animation has a stronger sense of realism. The visual reality within digital 3D animation can be seen in time as the mental changes presented in 3D animation are integrated with the mental hierarchy. Generally speaking, the visual reality within the current digital 3D animation can mostly present movement performance, visual texture, light and shadow distribution and single point perspective, etc., using the actual exploration of this type of content can see the relationship between the visual reality and the mental dimension in the digital 3D animation, to enhance the control effect of this type of content. In view of the form of digital 3D animation, given the strong visual realism of this type of animation, researchers should set up a professional digital 3D animation management platform in the actual investigation, using reasonable control of the content of the platform to strengthen the digital quality of 3D animation, and also to confirm the mental dimension presented by the platform. For the digital three-dimensional animation presents the specific content, if you want to see the visual real feeling in the content, need to timely combine different types of network