Empirical Analysis of Remote Monitoring for the Development of Jinxiu Yao Cultural Tourism Resources Based on Real-Time Unmanned Sensor Image Technology

Wang Wenming
Guangxi Science and
Technology
Normal University Laibin
Guangxi China, 546199

Abstract:In the process of classroom teaching, the intelligent cloud teaching method with the blue ink cloud class app tool as the core application is introduced, and the smart campus platform is used to "fancy teaching" in the form of animation, micro-video, micro-class, MOOC, live broadcast, etc. The popular form and language convey the relevant knowledge and principles of management, mainly refers to the autonomous and intelligent methods adopted when implementing QoS decision-making and control in the cognitive network environment, to solve the problems of poor adaptability and comprehensiveness of dynamic and changeable networks. It can effectively improve the utilization of network resources and ensure the end-to-end QoS of the network. And emphatically introduced the ADO involved in the system development process. NET, XML and other key technologies, on this basis, the paper introduces the NET's intelligent teaching platform solution, the framework and overall design of the teaching platform.

Keywords: QoS Performance Evaluation, Real-Time Sharing Platform, Intelligent Courses

1. INTRODUCTION

The characteristics of automation, flexibility and informatization of robot and sensor technology make it one of the advanced processing technologies with the most development potential in the field of industrial manufacturing in the 21st century [1]. As we all know, the welding process is a complex physical and chemical process under the combined action of electricity, light, heat, force, etc. There is a lot of information that can be used for the study of automatic welding seam tracking [2]. However, according to statistics, the welder judges whether the process is normal and whether it needs to be adjusted during welding, usually across most mountainous areas and uninhabited areas [3].

Moreover, transmission lines and equipment have been in an unstable climate for many years, and experienced severe weather such as sun exposure, rain, snow, hail, etc., equipment materials are usually aged, corroded, icing, lightning strikes, and some human-induced collapses in recent years [4], the world's advanced countries have developed a large number of biological culture systems, and reached a high degree of standardization, modularization and commercialization. Figure I is the space biological culture device of NASA, ESA (.EsA) and Canadian Space Agency (CSA) [5].

Engels said: "The basic form of all existence is space and time." n1 is also true for national culture. Time and space are the basic forms for the survival and development of national culture [6]. In the growing spiritual and cultural needs of tourists, they are more inclined to cultural tourism. With the rapid development of cultural tourism, cultural tourism has become a new important economic growth point in the tourism industry, and culture is the vitality of tourism resource

development and the source of enhancing the charm of tourism destinations [7].

Jinxiu Dayao Mountain is the most typical settlement of the Yao people in China. Jinxiu Yao Autonomous County was established on May 28, 1952. It is the earliest Yao autonomous county in China [8]. It is located on the main mountain range of Dayao Mountain in the northeast of Laibin City in the central Guangxi Zhuang Autonomous Region. Tourism resources refer to all the resources that can attract people to travel [9]. The biggest feature of natural elements and humanistic elements is their attractiveness, which makes people want to travel, excavate the resources of Yao nationality health care culture, and then integrate resources for the development of health care industry, promote the protection and inheritance of Yao nationality culture, and help the minority in Guangxi. Poverty alleviation in ethnic areas [10].

The main research content of this subject has the following three aspects. However, only attractiveness can not completely make people come, and tourism resources must be developed into tourism products to meet people's tourism needs [11]. Science and technology are the primary productive forces, and information technology is being vigorously developed all over the world. Every country are deepening information reform. Information technology has been deeply integrated into various fields of society—politics, economy, military, etc. [12] The real society is being changed by different kinds of information technology [13]. The acquisition terminal is mainly responsible for collecting onsite data of machinery manufacturing equipment, and reporting on the operating status of on-site machinery and equipment. DX series transmitters are the most mature medium wave transmitters in the world today [14]. The

system can detect and control all important parts of the machine in real time. It is a set of local monitoring system with complete design [15].

However, in recent years, as the transmitters are designed with a large number of automation technology, the acquisition terminal must be able to be placed in the machining site. Considering that the acquisition terminal will be in the same working environment as the mechanical manufacturing equipment [16], and the standard arc welding robot system cannot detect this position change, the welding will still be performed along the original teaching path, which will inevitably cause the welding quality to decline or even fail. According to the information [17], more than 80% comes from direct observation (ie vision). The introduction of visual sensors and image processing technology has given the welding system the function of "seeing", which has greatly promoted the intelligence of the welding system. It is one of the most significant progress in the field of welding research in the past two decades. The recognition rate has increased by 50% [18].

Reference [19] proposes a UAV power line inspection technology cell culture system based on automatic remote sensing technology for real-time monitoring of power corridors and extraction of image feature information. One direction is miniaturization and automation. In the cell culture device, the acquisition of cell culture images has become an important part of space cell culture research.

2. THE PROPOSED METHODOLOGY2.1 The Real-Time Unmanned Sensor Image Technology

During the test, the strip light emitted by the EL65L40IP semiconductor laser straddles the seam. Under the circumstance that the hood covers the arc and the radiation of the molten pool, the laser fringe image is collected by the WAT-231S camera. Image enhancement technology is used as a basic The purpose of image processing technology is to process images to obtain better visual effects and more useful images for specific applications. At present, the commonly used enhancement technologies are different according to the space in which they are processed. In the application of UAVs for power line inspection, there are mainly a variety of technologies. Only through continuous research and improvement of various technologies can the power of UAVs be improved. Line inspection efficiency and line inspection fault accuracy.

The unattended perfusion culture system must be able to fully automate some basic experimental steps, including the rotation of the sample chamber, the resupply of nutrients, the removal of waste, the control of ambient temperature, pressure and CO: partial pressure, etc. 'The purpose of using the sobel operator is to quickly find all possible edge points according to the small size of its template. At this step the hood only needs to record the positions of possible edge points, i.e. f. The specific steps of sobel edge detection are as F. In the butt joint (Fig. 2(c)), the light band and the background gray level are relatively close, and the gray value is around 140, but there is obvious horizontal interference. During the imaging, acquisition, conversion and transmission of the image, due to lighting conditions, imagers Due to the influence of various factors such as equipment and external environmental noise, the quality will be degraded. The contrast enhancement of images with very low contrast is

generally performed by using operations such as direct grayscale transformation or histogram processing.

Due to the high-altitude flight operation of the UAV, the stability of the flight and power line inspection is greatly affected by the harsh external environment. The gray value of each line of the image background is approximately a constant, and the constants of each line are different from each other, and the basic distribution is below 40.

2.2 The Development of Cultural Tourism Resources of Jinxiu Yao Nationality

In the theoretical field of modern tourism anthropology, the theoretical interpretation of "ethnic cultural tourism space" actively absorbs the theoretical connotations of cultural anthropology, geography, political science and other disciplines. "Material dimension and "second space" spiritual dimension. The cultural tourism in Jinxiu Yao Autonomous County started late, and the unreasonable structure of employees has led to the slow development of its cultural tourism.

The phenomenon of longevity in Bama has attracted the attention of the outside world. In 1991, at the thirteenth meeting of the International Society of Natural Medicine, Bama was recognized as the fifth hometown of longevity in the world. Afterwards, Donglan and Fengshan counties were awarded the title of "Hometown of Longevity in China" respectively. It refers to the development practice of the spatial location and configuration of tourist destinations, geographical landscape and the material carrier of national culture; the production of tourist space conceived refers to the symbolic system of tourist landscapes The production and presentation of cultural tourism in Jinxiu Yao Autonomous County is still in its infancy, and the entire infrastructure construction system and service system are imperfect, which restricts its development. According to the investigation, Jinxiu Yao Autonomous County is due to its unique geographical location. The most notable feature of Jinxiu Yao people's folk beliefs is the "Shipai Regulations". Shipai is the unique social organization form of Jinxiu Yao people in feudal society.

2.3 The Empirical Study on Remote Monitoring of Yao Cultural Tourism Resources Development

Jinxiu Yao Autonomous County is an ethnic minority autonomous county with unique geographical location, long history, rich traditional culture and strong ethnic atmosphere. It has laid the basic conditions and innate advantages for the development of cultural tourism resources. The completion of the cultural infrastructure of the Yao nationality will be developed for the industrialization of Yao nationality culture. The planning area is located in the jurisdiction of Zhenchong Village, Changdong Township, Jinxiu. Zhenchong Village has 12 natural villages under its jurisdiction, and 6 natural villages are included in the planning area, namely Dajin and Liu. Mian, Lingcha, Wanglei, Ping'an and Chongkou are all Panyao villages except Dajin is Hualanyao, Wanglei and Chongkou are Zhuang people.

It plays an increasingly important role in product development, production, display, publicity and promotion, cultivation of high-quality human resources, and industrial planning. Covering three elements of research: technical background, organizational characteristics, and external environment, the theoretical model combines technology

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acceptance theory, perceived risk theory and herd behavior theory, and analyzes and determines the basic framework of the enterprise remote monitoring technology acceptance model from a multi-theoretical perspective. There is an essential difference between the remote diagnosis of machinery manufacturing equipment and the traditional mechanical diagnosis analysis: the traditional knowledge base of machinery equipment diagnosis is closed or semi-closed, and its content is limited to the designer's input and modification.

The device layer is the layer facing the field devices, and it is also the lowest layer of the entire automation network. It can send the operation information to the field devices, and can also feed back the situation of the field devices to the operator. Although Jinxiu Yao cultural resources are rich and unique, the economic form in the county is relatively simple, most of the infrastructure is outdated, and the supporting facilities and electricity for the development of cultural industrialization. And evaluation, combined with the conditions of tourism development in the tourist area, put forward the following development strategies for the development of the tourist area, so as to play a role in the actual work of machinery manufacturing equipment. At present, the universal language standard of Internet virtual reality in the world is VRML2.0.

3. CONCLUSION

A typical joint robot vision sensing test system is built, and a robot vision sensing image processing system is developed based on the LabVIEW platform. Jinxiu Yao Autonomous County has colorful and unique cultural tourism resources, but there are still many problems to be solved in creative development, which will seriously hinder the development of cultural tourism. The image is segmented, filtered and edge detected to extract sensing information, and clear edge information can be obtained through the above processing. The smooth development of tourism in the tourist area is realized from all angles and in an all-round way, so that the Dishui River ecological Yao nationality tourist area can develop into a tourist boutique of Jinxiu, guests and even Guangxi.

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