

Cultural Attribute Document Retrieval Algorithm for Vocational Education Based on Multi-Terminal Parallel Network Architecture

Huan Li
Chongqing City Vocational College
Chongqing, China 402160

Abstract: A network selection algorithm based on intuitionistic fuzzy multi-attribute decision-making is proposed to establish a dynamic decision-making matrix of network attributes in the form of intuitionistic fuzzy numbers, and according to the type of mobile terminal business. Analysis of the four characteristics of professional attribute and development attribute, to explore the value implication of the cultural inheritance and development of modern vocational education teachers. Corresponding to its four implication of value, curriculum, practice and happiness respectively, to realize the inner and outer appearance of the attributes and implication in the teacher's culture combine. In a heterogeneous network with multiple services, each service is allocated to the network combination that best meets its needs for transmission. The integration of teachers' cultural attributes and their connotations reflects the need to improve the comprehensive quality of teachers in the reform of the modern vocational education system.

Keywords: Cultural Attribute Document, Document Retrieval Algorithm, Vocational Education, Multi-Terminal Parallel Network Architecture

1. INTRODUCTION

As the most popular technology today, big data has had a significant impact on the IT industry and traditional industries. A large number of scientific research institutions and companies are investing in this profound change. Then, since the emergence of big data technology [1], there has been an unavoidable serious problem, that is, once users actively or passively put their private information on a third-party server, it is likely to cause the leakage of private information [2]. In addition to the multimodal characteristics, there are often many structural link relationships between these multimedia documents, such as hyperlink relationships between multimedia web pages. Complexity.

The objective value of curriculum culture development determines that curriculum culture is divided into backwardness and progress. As one of the cultural forms, the higher vocational curriculum culture must reflect the culture created by people in production and life practice. Human culture is created to meet people's needs [3]. The comprehensive reflection of school culture and other cultural forms in vocational education teacher groups also reflects the multiple attributes of teacher culture in modern vocational education, such as society, occupation, and specialty [4]. These cultural attributes also reflect the significance of the inheritance and development of vocational education teacher culture from another aspect, and reflect the multiple meanings of teacher culture. It is embodied in the social attributes, professional attributes, professional attributes and development attributes of the modern vocational education teachers' cultural form [5].

These four attributes are the value implication, curriculum implication, practical implication and happiness implication of vocational education teachers' cultural inheritance and development [6]. Frila, et al. define technology as a kind of achievability (, the ability to lead to the improvement of products, processes and services; Xu Qingrui, a Chinese scholar, etc. (think that the essence of technology is knowledge and information [7]. International organizations

also give the definition of technology is defined. The new functions of network entities are defined. Xian proposed for the first time to use mobile and routing technology to manage the handover process of mobile terminals. Infrared wireless technology [8].

It includes a series of functions in the network protocol stack to support the mobility of terminals, and defines related primitives to describe and express related service functions [9], and establish an information exchange mechanism between upper-layer protocols and lower-layer protocols on network entities and terminals, respectively [10], such as link on-off and other control information and event trigger information. It can be seen from the above analysis that in a heterogeneous network environment, there are few researches on user-centered, analyzing user service characteristics, and implementing parallel transmission according to service requirements [11].

In addition, the parallel transmission of services in heterogeneous networks can be subdivided into various implementation modes [12]. For example, different services can be allocated to different networks to perform multi-network parallel transmission of different services. AlessandroBazzi's research uses the TCP mechanism to transfer the service flow in the performance of parallel transmission between different radio access networks is used as the analysis content [13]. The analysis points out that the multi-network parallel transmission of services can aggregate and utilize the bandwidth of each network. For the terminal, a method to improve the transmission rate of the network system was proposed by ChoiY in the literature [14]. ChoiY pointed out that when a reasonable offloading strategy is used , under the condition that the bandwidth of the network is the limitation, the more optimized transmission rate of the network system can be obtained [15].

By comparing the load conditions of candidate networks, the literature selects the network with the lightest congestion procedure as the target access network [16]; compared with the centralized access selection algorithm, the fusion of

heterogeneous networks has become an irresistible trend in future mobile communications [17]. Various wireless access technologies coexist and complement each other, and the resources of each wireless network must be utilized to the maximum extent to provide users with broadband, ubiquitous, and personalized services, making it possible to achieve seamless access and good user experience [18].

In the classification algorithm, privacy protection technology based on data encryption is adopted, which is mainly used in distributed data storage environment. In a distributed storage environment, it is assumed that each participant does not trust each other [19]. Therefore, secure multi-party computation (SMC) is required to protect the privacy of each participant. As mentioned above, a multimedia document is an organic collection of multi-modal data including text, images, videos, etc. For such a multimedia document, different users may pay attention to it from different modalities. For example, some users pay attention to multimedia images in the document [20].

2. THE PROPOSED METHODOLOGY

2.1 The Multi-Terminal Parallel Network Architecture

The handover process needs to refer to the current terminal and network status and context. The context-aware network selection strategy can intelligently and dynamically manage context information, evaluate changes in information and determine whether to trigger handover and the selection of the best target access network. First, how to measure how well the network meets business needs is an issue to consider. Here, the utility function based on is used to measure the degree to which the performance provided by each wireless network meets the service requirements. Considering the diversity of services, according to 3GPP standards, services are divided into four categories: session, streaming, interaction and background.

The decision indicators 1 and 2 in the multi-attribute decision-making of the four services have different weights. The utility value of the decision-making attribute can be obtained according to the combination of the weight and the decision-making attribute. The utility value of the combined scheme. And provide to; formulate the corresponding spectrum allocation strategy to manage the resources of the heterogeneous wireless network and the terminal, through the implementation of the completed reconfiguration, the terminal side deploys the terminal measurement controller, the terminal reconfiguration manager, the terminal reconfiguration controller The other three functional entities also perform information collection and spectrum allocation strategy generation in turn to generate spectrum allocation decisions and wireless resource selection strategies, and finally perform reconstruction behavior. It has greater flexibility.

The technology quickly occupied the market with its high data rate and low price, and has been widely deployed in public places such as universities, shopping malls, hotels, airports, etc. to achieve hotspot coverage, support low-mobility high-speed data services, and become the most powerful mobile communication technology. supplement. Through the previous analysis, the following describes the service-oriented multi-network selection strategy in detail. Using the strategy given in this section, a suitable network combination can be selected for each service to be sent by the terminal, and then the service will transmit data through the selected network combination.

2.2 The Vocational Education of Multi-terminal Parallel Network Architecture

In the whole process of searchable encryption algorithm, there are four main participants: data owner, authorized user (in the data exclusive scenario, the data owner and authorized user are one person), private cloud server, and public cloud server. First of all, the data owner will extract the frame of the multimedia document through a symmetric encryption algorithm, and perform content-based analysis on each modal data to form an index on each channel, so that users can submit any modalities in the retrieval process. The media object is used as a query object, which can be queried in the modal channel corresponding to the media object in the system.

The value implication of modern vocational education teacher culture is reflected in the meaning of the pursuit of life value. Although the cultural attribute of historical inheritance is an inherent attribute existing in the cultural form of modern vocational education teachers, in the face of history and the present Conflict and coordination between. Of course, the pursuit of social value of modern vocational education is not static, but a process of continuous coordination between ideal and reality. Facing the contradiction between ideal and reality, the cultural form embodied by the socialist core values will guide the cultural development of vocational education teachers, such as the influence of political, economic and cultural systems. The original technology culture is the direct face of nature, and the intermediary of the close communication between people.

Heidegger believes that the philosophical essence of proto-technical culture lies in the passive and poetic way in which people reveal. The initial technology culture takes manual labor technology as the main form of productivity. The network selection algorithm based on multi-attribute decision-making should first construct a decision matrix according to the parameter information of each candidate network collected in the system discovery stage of vertical switching. The parameters to be considered are divided into four categories according to their sources, namely, network-related parameters, terminal-related parameters, business-related factors and user preference information. The higher vocational education curriculum paradigms are mainly created and prescribed by men. In terms of methods and other aspects, they are all in line with the male-centered value system and have formed an internal alliance with the patriarchal culture.

2.3 The Cultural Attribute Document Retrieval Algorithm for Vocational Education

In the preprocessing stage, the system will analyze the multimedia document and extract the basic frame of the multimedia document. In order to describe the multimedia document completely, the system extends the basic frame of the multimedia document in 2M2Net⁺⁺, and adds the attribute LinkSet to describe the link relationship between different objects in the multimedia document in the basic frame. > To promote the curriculum reform, we must learn and learn from foreign countries. Experience in higher vocational education, learn from others' strong points. Our school makes full use of the early start of Sino-foreign Quanzuo school and the favorable conditions of cooperative colleges and regions, earnestly learns the beneficial experience of foreign higher vocational education curriculum system teaching mode, and continuously accelerates the process of localization.

In vocational education, curriculum is not only the overall arrangement of subject content and learning process for learners of different majors, but also the bridge and intermediary between teachers and the training goals of modern vocational education. Artists either adopt an organic view of technology and use natural tools to adapt to the natural environment; or they consciously adopt new tools as tools to create new environments, and people also experience the position of self and subject in the civilization they create. .

① Therefore, in a sense, the original technology culture has designed a parallel transmission strategy based on single network selection. In the following, we will first introduce the parallel transmission model based on single network selection in the heterogeneous network multi-service scenario, and then introduce the specific process and steps of the parallel transmission strategy based on single network selection in detail, and finally design different simulation scenarios and analyze them. The results are analyzed.

Therefore, this paper proposes a heuristic semantic learning method to mine the semantic relationship between multimedia objects from the structure of multimedia documents to form a cross-reference knowledge base as the semantic basis for retrieval. Parameters such as structural dynamic characteristics, far-field landform types, surrounding buildings, wind climate analysis results, and peak factor will all affect the wind tunnel test results. The designer (generally a wind engineering expert) should determine these analysis parameters together with the wind tunnel test unit. , in the retrieval process, if the user is not satisfied with the current retrieval results, the multimedia objects in the results can be marked with relevance—"relevant" or "irrelevant". The set of multimedia objects with these relevance annotations constitutes relevant feedback information, and the semantic context analysis algorithm analyzes the semantics of the retrieved objects according to these relevant feedback information.

3. CONCLUSIONS

Aiming at the multi-modality and link complexity of current multimedia documents, this paper proposes and implements a multi-channel retrieval system for multimedia documents. The system integrates multiple content-based retrieval systems such as text, images, and videos. It is designed to focus on vocational education teachers' recognition of the society, professional understanding, and professional interpretation in the stage of professional growth and development in the entire process of career development. and value realization. Correspondingly connecting the attributes and connotations of teachers' culture can improve the comprehensive quality of teachers' professional awareness, professional emotion, role identification, and professional attitude in the development of modern vocational education. This is reflected in the establishment of the modern vocational education system and is the essential requirement for improving the comprehensive quality of teachers.

4. REFERENCES

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