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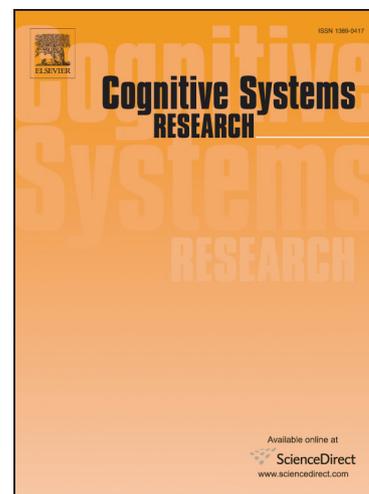
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Analysis of Higher Education and Management Model Based on Cognitive Anthropology

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Abstract: In this paper, the application of computer technology in higher education and management mode based on cognitive anthropology was studied and a teaching recommendation method was constructed. Firstly, on the basis of the existing teaching recommendation research results, teaching recommendation was carried out by adopting the methods of linear weighting and cascade combination and combining with human social factors, geographical factors and time factors, and the validity of the results was improved. Then, the expansion was carried out in the Apache cluster environment, and the efficiency and scalability of teaching recommendation were improved, so that an innovative mode of higher education research and management was created. Experiments show that the implementation efficiency of comprehensive teaching recommendation method achieved in an Apache cluster environment is high. As the amount of data increases, the efficiency advantages become more pronounced.

Keywords: cognitive anthropology; integrated teaching; Apache; cluster environment

1. Introduction

Cognitive anthropology focuses on what people in different groups know, how this implicit knowledge changes people's perception of the world around them and establishes an association with the world (Keane W, et al. 2015) [1]. In today's developed Internet, a lot of technologies have been gradually introduced in the research and management of higher education. This process can be explained by cognitive anthropology, it uses human cognition to cultivate interest and builds innovative modes of higher education research and management based on computer technology (Kaufmann L, et al. 2015) [2]. With the rapid development of mobile devices, GPS and web2.0 technologies, more and more disciplines distribute rich information on location-based human network. Teaching recommendation is a hot research direction in recent years. And in this paper, the research is carried out to it.

2. Literature review

2.1 Literature review of cognitive anthropology

Cognitive anthropology is a research direction of cultural anthropology (Abramo F C, et al. 2017) [3]. Among them, scholars attempt to explain the mode of knowledge sharing, cultural innovation and inheritance through time and space. They use cognitive science research methods and theories (especially experimental psychology and evolutionary biology), and engage in description and interpretation of various cultural patterns through close collaboration with historians, anthropologists, archeologists, linguists, musicologists and other experts (Bender A, et al. 2015) [4]. Cognitive anthropology concerns what people in different groups know, and how this implicit knowledge changes people's perception of the world around them and establishes an association with the world (Osiurak F,

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