Retraction

Retraction: A Brief Analysis of the Application of English Language in British and American Literature Based on Artificial Intelligence (J. Phys.: Conf. Ser. 1915 022060)

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The authors of the article have been given opportunity to present evidence that they were the original and genuine creators of the work, however at the time of publication of this notice, IOP Publishing has not received any response. IOP Publishing has analysed the article and agrees there are enough indicators to cause serious doubts over the legitimacy of the work and agree this article should be retracted. The authors are encouraged to contact IOP Publishing Limited if they have any comments on this retraction.

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A Brief Analysis of the Application of English Language in British and American Literature Based on Artificial Intelligence

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Abstract. artificial intelligence (AI), abbreviated in English, is the research and development of the human body to produce new technologies to simulate and extend the application of human intelligence in machines. The ultimate goal of artificial intelligence is to be able to produce robots that are not different from human beings and only listen to human beings. To achieve this technology, the most important thing is to be able to analyze and study the substantive operation function of human intelligence. The most ideal way of language learning is to be able to personally visit the language environment, feel the atmosphere of the language culture, and have in-depth communication with the language owner. However, in reality, such an idealized state is impossible to exist, so literary works have become more ideal language and cultural materials. Both British and American languages use English to communicate, although both belong to English, the cultural differences lead to their different ways of expression. This paper first makes a simple analysis of the artificial intelligence system, then analyzes the differences between British and American literary works, and then interprets and analyzes the application of artificial intelligence system in British and American literary works in detail.

Keywords: Artificial Intelligence System, The Differences of Expression in English and American Literature

I. Introduction

With the continuous advancement of the age of science and technology, information technology is also constantly reforming and innovating the teaching of colleges and universities in our country. The emergence of artificial intelligence has also transformed the teaching model. Compared with traditional teaching, artificial intelligence model can greatly improve the level of English teaching and stimulate students' interest in English learning.

Artificial Intelligence, abbreviated as AI, was a conceptual term first proposed in 1956. It is the study and development of the human body to produce new technologies to simulate and extend the application of human intelligence to machines. The ultimate goal of artificial intelligence is to be able to produce robots that are not different from human beings and only listen to human beings. To
achieve this technology, the most important thing is to be able to analyze and study the substantive 
operation function of human intelligence. Up to now, the application of artificial intelligence has been 
quite mature. It can not only imitate some basic skills of human beings, but also analyze and deal with 
some basic problems like humans through recognition and analysis [1,2]. To put it bluntly, artificial 
intelligence is to make machines imitate all human behaviors, including the ability to do things and 
think logically. (Figure 1)

Figure 1. Artificial intelligence model

Artificial intelligence system can be based on voice recognition, voice evaluation and natural 
language processing and other core technologies, and then developed for intelligent speech system and 
intelligent writing correction system. Through the establishment of artificial intelligence system and 
the simulation analysis of data, so that artificial intelligence can read and understand like human 
beings, enter into deep creation.

Artificial intelligence system can be divided into several basic modules for research and analysis 
[3]. First of all, artificial intelligence needs to act like human beings, that is to say, the intelligent robot 
created by artificial intelligence should be able to have the ability to act, which is the basic point of the 
development of artificial intelligence, but also the first stage of the development of artificial 
intelligence -- let the intelligent robot can move freely.

After the intelligent robot has the ability to move, it is necessary to analyze the thinking activities 
of human beings, so as to develop new technology and apply it to the intelligent robot to make the 
intelligent robot have the wisdom. At this stage, no major breakthrough has been made so far. The 
intelligent robots produced at this stage have a fixed mode of intelligence, but they do not have the 
ability to understand and analyze.

In the traditional literary creation, people need to read and understand a large number of literary 
works and extend them, so that they can have the foundation of self-creation. Judging from the long 
history of literary creation, this process cannot be simplified or replaced [4]. Therefore, how to apply 
artificial intelligence technology to traditional literary creation has become a big problem.

2. The characteristics of British and American literature in the traditional sense

The importance of British and American literature in China's current higher education system can be 
seen from its being a required course for English majors. However, in the study of British and 
American literature, due to historical factors, its status and role have been neglected for a long time. In 
current education system, to the requirement of English level is as long as it can write can read can 
say, but in the development of literature study, can only read is completely not enough, the essence of
literature is to understand, if you can't understand the specific meaning expressed by the British and American literature, then only can read and write simple does not solve the practical problems in his creation.

The most ideal way of language learning is to be able to personally visit the language environment, feel the atmosphere of the language culture, and have in-depth communication with the language owner [5]. However, in reality, such an idealized state is impossible to exist, so literary works have become more ideal language and cultural materials. Literary works, as the most practical learning materials, play an important role in daily learning.

2.1. The educational function of literature has a positive influence on the ideological and moral education of learners.

The essence of literature is to convey a kind of self to the life and the feeling of the real world, while in Britain and the United States work, most of the work is based on education readers, promote western humanitarian is given priority to, shows in that era, people in western countries in order to express the lofty ideal of self and all sorts of problems and contradictions in the realistic society.

2.2. Understand the local conditions and customs of western countries.

Although most of the British and American literature works are based on the creation of a self-vent as the theme, we can find that in a large number of British and American literature works are mixed with the description of the local conditions and customs. In the real world, not every one of us is able to personally visit the local cultural environment, but through the comprehensive interpretation of British and American literature works, we can know the local cultural customs and social relations in a more comprehensive way.

2.3. Improve the communicative ability of English communicators

In the existing large number of British and American literature works, the highly distinctive literary level enables us to learn the expression with British and American characteristics in the process of reading through the whole text. In the traditional English learning, learners can only by the British and American literature works in Chinese mode, but in fact this way of interpretation completely against the original intention of the creator, because we do not understand the local culture and traditional learning mode makes our work in reading, to understand works for conventional thinking [6-7]. The in-depth interpretation of British and American literature can improve the way we communicate with local people in practical communication, especially in the aspect of oral expression, it can put us in the middle of it.

3. Differences between British and American literary works

In our daily life, we all use the Chinese model of English to communicate with foreign cultures. Although the other party can understand what we want to express in this way of communication, we cannot communicate in traditional English at a deeper level. Even some of the English articles we usually read are translated and interpreted with a grammar suitable for Chinese people. But actually English there is a huge difference, the expression levels of British and American two languages are used to communicate in English, although belong to English, because of cultural differences in the expression way is different, some concrete is the culture of the two countries is different, so for the same kind of context with a word is also have different understanding [8,9].

This expression mode formed by cultural differences is not only reflected in British and American literature, but also different in daily life. Among the British literary works, one of the local characteristics is that the British literary works are more prominent by female writers and female works, and the natural feminine beauty factor is added in the creation, which makes the overall style of the British literary works incline to realism. American literature works are more in line with the color of local culture, mainly taking American traditional culture as the theme to create works. [8-9] His works are more inclined to the American tough guy style, mainly to show the American
Therefore, when interpreting British and American literary works, we must distinguish their differences, so as to bring ourselves into the local culture with the cultural background, so as to have a deep understanding of their literary works. (Figure 2)

Figure 2. Brief-American cultural differences

4. The significance of artificial intelligence in British and American literature

The interpretation of the works of British and American literature must be based on the local characteristic culture, which most of us readers cannot understand. The reason for this problem lies in the huge difference between Chinese traditional culture and British and American culture. Readers cannot separate from the traditional culture and go deep into the local culture, so they cannot deeply interpret the deep meaning in British and American literary works.

The maturity of artificial intelligence could solve this problem to a large extent. Artificial intelligence can collect a large number of cultural resources into its own system, so as to form a literature system with local culture as the background. When interpreting English and American literature, he can make a detailed analysis on the basis of his own system, get the deep meaning expressed by the works, and then show this idea to the readers in front of them through the formation of local culture [10]. This way of interpretation of British and American literature can not only perfectly solve the problem that ordinary readers do not have the condition to go deep into local culture, but also can deeply interpret literary works, and then let readers to read and understand in the form of local culture. This mode greatly improves the efficiency and quality of readers' interpretation of the works of chating plum, and also makes the communication between the two cultures more in-depth.

5. Conclusion

The cultural difference between British and American literary works is the problem that ordinary readers cannot deeply understand literary works, and it is unrealistic to have a deep understanding of local culture and then interpret British and American literary works with local culture as the background in reality. The application of artificial intelligence system provides great help in this regard. It is not only a system with local characteristics, but also a tool that can express cultural
differences in a traditional local way. The application of artificial intelligence system in British and American literature, greatly improve the communication between British and American culture, can let the ordinary people more deeply to understand the local culture, and gain a certain age from literary works in the local cultural background information, also make the traditional culture of our country in foreign travels to become more convenient. Based on the English expressions in British and American literary works, this paper deeply interprets and analyzes the expressions of British and American culture in literary works with the background of cultural characteristics and the media of artificial intelligence.

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