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Research on the Application of Foreign Literature Based on Computer Retrieval

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Research on the Application of Foreign Literature Based on Computer Retrieval

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Abstract. With the popularization of the utilization of foreign literature in China, the relevant literature researchers and readers put forward higher requirements for the utilization of literature, especially strengthen the research and analysis of the role of foreign literature corpus. Based on this, this paper first analyses the concept and connotation of computer retrieval, then studies the concept and connotation of computer retrieval, and finally gives the utilization of foreign literature based on computer retrieval.

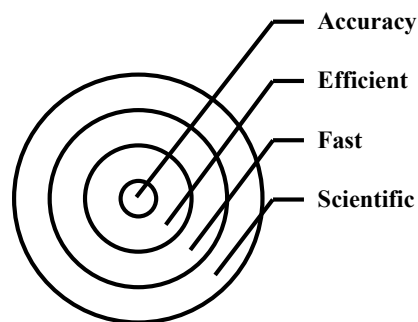**Keywords:** Foreign Literature, Computer, Retrieval

1. Introduction

With the iterative progress and maturity of computer tech, it has been widely and deeply studied and popularized in many fields, especially in the field of literature, which has greatly promoted the development of related literature utilizations represented by foreign literature. On the other hand, the popularity of computer tech makes the electronic media widely and deeply spread, and becomes one of the important ways for people to contact literature and carry out literature utilization. At present, with the deepening of international exchanges and exchanges, the literary blending of various countries has achieved a significant growth; especially foreign literature has been widely used in recent years [1]. Foreign literature has gradually realized resource sharing and cooperation under the condition of computer network, and various computer retrieval platforms have become an important part of the utilization of foreign literature.

At present, people's understanding and cognition of the ideological connotation and foreign cultural context of foreign literary works is relatively simple, mainly because the access to foreign literature is relatively single. Secondly, some of the audience's interpretation and cognition of the connotation of foreign literature works are biased, which leads to the breakpoint between their own understanding and the practical utilization of foreign literature. Therefore, the utilization of foreign literature needs to further use the relevant retrieval platform, so as to strengthen the cohesion between foreign literature and users. In the current computer Internet environment, the information tech with computer and network as the core has a great impact on the utilization of foreign literature.

The influence of computer information tech on the utilization of foreign literature has penetrated into many aspects, not only in the level of literature retrieval and data collation, but also in the level of replacing some literary utilizations [2]. With the help of computer retrieval, we can achieve convenient,

efficient and accurate retrieval of foreign literature, including the collation of foreign literature, the systematic analysis and positioning of foreign literature, the appreciation of foreign literature and the study of its development law. With the deepening of the utilization of foreign literature, the efficiency advantages and status of computer retrieval in literature collation are gradually highlighted. With the typical advantages of computer retrieval in several aspects as shown in Figure 1 below, the efficient and high-level development of foreign literature utilization collation can be realized.

Figure 1. Typical advantages of computer retrieval

In short, with the popularization of the utilization of foreign literature in China, the relevant literature researchers and readers put forward higher requirements for the utilization of literature, especially strengthen the research and analysis of the role of foreign literature corpus [3]. With the help of computer retrieval, it could effectively analyze the characteristics of foreign literature, and realize the multiple collation and research of foreign literature resources, so as to help the relevant literature researchers and scholars better appreciate and apply foreign literature. Therefore, it is of great practical value to study the utilization of foreign literature based on computer retrieval.

2. The concept and connotation of computer retrieval

2.1. The concept and value of computer retrieval

Computer retrieval is the scientific and objective sampling and collation of the corresponding foreign literature through the utilization of computer tech. Relevant foreign literature researchers and readers can better carry out the research of foreign literature theory and utilization with the help of the retrieval system [4]. As a literature retrieval system, computer retrieval can play an important role in the empirical study of foreign literature. For example, the utilization in the corresponding language teaching and literature appreciation of foreign literature can help researchers and readers have a better understanding of literary works.

In addition, computer retrieval can achieve the collation and classification of a large number of foreign literature resources, and can achieve efficient and accurate dynamic tracking and analysis of foreign literature [5]. The utilization of this tech can detect the language changes in foreign literature, ensure the reliability and authenticity of the corresponding literature materials, and lay the content premise for the storage and utilization of foreign literature knowledge. With the utilization of this system, the integration of foreign literature resources will help to further enhance and play the value of foreign literature.

2.2. Classification and standardization of computer retrieval

Computer retrieval plays an important function in the utilization and research of foreign literature. The utilization of the system has the unique characteristics of heterogeneity, homogeneity, systematicness and professionalism, as shown in Table 1 below. Secondly, according to the characteristics of foreign literature, computer retrieval tech can be divided into alignment tech, bilingual utilization and bilingual design. Among them, in the aspect of alignment, it can help readers search better; in the aspect of bilingual utilization, it can better realize the collection and management of foreign literature.

Classification	Classification features
Heterogeneity	No specific principles and requirements in the collection process
Homogeneity	Only certain kind of foreign literature content is collected & stored
Systematicness	Make clear the scope or proportion of search
Specificity	Collect foreign literature materials that meet the utilization needs

Table 1. Classification features of computer retrieval

In addition, at the normative level of computer retrieval, the core is to build a scientific and reasonable retrieval and collation model of foreign literature [6]. With the help of the utilization of computer retrieval, to realize the standardization of the retrieval process of foreign literature, especially the division of morpheme boundaries of foreign literature, we need to make a better distinction between words and words. Based on the principle of close combination, the standardization and scientific development of computer retrieval process are realized.

3. The function of computer retrieval in the utilization of foreign literature

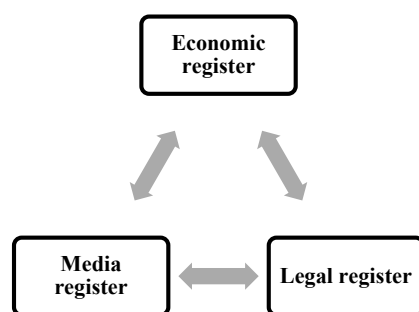### 3.1. The influence of computer retrieval on the utilization of foreign literature
At present, computer retrieval has become an important way and method in the field of foreign literature utilization, and with the increasing practical utilization of computer retrieval in foreign literature research, it has gradually become one of the key topics in the field of foreign literature research [7]. Secondly, computer retrieval plays an important role and value in the applied research of foreign literature. With the help of computer retrieval, it could not only achieve the collection of important foreign language materials, but also perfect and systematize the collected materials into literature database, so as to lay the data premise for the valuable utilization and utilization of foreign literature. In addition, for foreign literature researchers and readers, the correct use of computer retrieval is an important contrast of their literary level, and with the help of this retrieval tech can better help relevant researchers and readers to carry out the study and utilization of foreign literature, so as to further improve their literary level [8].

3.2. The function of computer retrieval in the utilization of foreign literature
First of all, computer retrieval can realize the efficient association between foreign literature and its utilization. Using computer retrieval tech, foreign literature can be compiled and studied, and electronic text database can be established and formed. Secondly, computer retrieval can achieve the effective dissemination of foreign literature, making the retrieval content of foreign literature more abundant. In addition, with the help of the index tool of computer retrieval, it could make a scientific analysis of foreign literary works, and realize the organic analysis of the use of vocabulary and word frequency in the content of foreign literary works, so as to better help the relevant researchers and readers to understand and comprehend foreign literary works.

3.3. Stratification and register utilization of foreign literary works
With the iterative development and progress of social economy, all walks of life have gradually realized the precise and detailed division of labor. In this context, literary works gradually evolve into different registers, as shown in Figure 2 below. The emergence of these different registers in literary works, especially in foreign literary works, not only affects their stylistic content, such as some professional expressions, but also makes it more difficult to understand and analyze them [9]. Therefore, with the help of computer retrieval, it could realize the effective recognition and classification of different registers, and lay the foundation for the analysis of the language thinking characteristics of foreign literature.

Figure 2. Typical register in foreign literature

4. The utilization of foreign literature based on computer retrieval

4.1. Collation of foreign literature based on computer retrieval

Based on the computer retrieval to carry out the collation of foreign literature, the first requirement is that foreign literature has a relatively good base, so as to achieve the use of machines and collation to produce electronic text, which is also an important premise to ensure the accuracy of electronic text [10]. Secondly, according to the differences between the subjects of foreign literature database development, different strategies are adopted to achieve better collation of the text. In view of the differences of foreign literature versions, it is necessary to carry out fine processing to avoid the mistakes in the source of retrieval tools. In addition, computer retrieval of foreign literature needs to have a certain scale, so as to better guarantee the construction and utilization of large-scale and high-quality foreign literature database. In order to facilitate the unified utilization and retrieval, the metadata of each developer should achieve a unified standard, so as to facilitate cross database integration and ensure the effectiveness of foreign literature utilization.

4.2. Appreciation of foreign literature based on computer retrieval

The main problem of the utilization of foreign literature is the aesthetic appreciation of literary works and the analysis of its development law. The data analysis function based on computer can lay a prerequisite for the appreciation of foreign literature and the exploration of its development law. Through computer database retrieval and analysis tech, foreign works can be accurately classified and displayed. And with the help of the statistics and analysis of the word frequency of foreign literary works, it could collect the relevant foreign literary materials in a larger scope and more conveniently, which provides the necessary premise for the research of minority foreign literary writers.

4.3. The trend of computer retrieval in foreign literature

The utilization of computer tech in foreign literature helps to realize mutual assistance and common development between computer retrieval and foreign literature information processing. Using statistical literature model to deal with foreign literature can affect other literary contents in sentences. With the rapid development of computer retrieval tech and the utilization of statistical foreign literature modeling tech, strengthening the development and construction of computer retrieval has become an important issue in the field of foreign literature utilization, and has a far-reaching effect on the utilization and development of foreign literature.

5. Conclusion

In summary, the influence of computer information tech on the utilization of foreign literature has penetrated into many aspects. With the help of computer retrieval, it could achieve convenient, efficient and accurate retrieval of foreign literature, including the systematic analysis and positioning of foreign literature, the appreciation of foreign literature and the study of its development law. Through the analysis of the concept and connotation of computer retrieval, this paper studies the function of computer retrieval and its influence on the utilization of foreign literature. Through the

research on the utilization of foreign literature based on computer retrieval, this paper analyzes the collation, appreciation and utilization trend of foreign literature based on computer retrieval.

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