Based on the database functions of the han nationality clothing pattern classification system research

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ABSTRACT

The database is the core function of information retrieval and use, this function can smooth implementation depends on whether the classification system of database information science. The focus of the current our country cultural heritage protection work is to further promote the informatization construction of cultural heritage, overall planning cultural heritage database construction. The han clothing is an important part of the dress culture of the Chinese nation, design as the main external visual symbols of clothing, is the direct reflection of the social history, folk culture, is the important carrier of Chinese civilization, build the han clothing design database is the request of the ages. In the light of the han Chinese clothing pattern based on database function classification system for further study, as the main body in the clothing design a special information determines the scientific resource description and category division system, the realization of the core functionality to lay a solid foundation for database.

KEYWORDS

Han Chinese clothing design; Classification system; The database.

Center of gravity of the current our country cultural heritage protection work is to further promote the informatization construction of cultural heritage, overall planning and cultural heritage database construction, preliminary set up to adapt to the social development, meet the needs of the work, around the actual give attention to two or morethings, providing public services [] scale data-base and working platform. Clothing design is one of the core elements of dress, is the carrier of history and culture and social customs, is the material of the Chinese nation is an important part of cultural heritage. Han Chinese clothing design databases is in conformity with the requirements of The Times development and classification system based on database construction of the han nationality clothing design research is related to database retrieval function can successfully achieve the basis and guarantee.

THE HANCLOTHING DESIGN IS INTUITIVE REFLECT OF SOCIALHISTORY AND FOLK CULTURE

Han, development is a's oldest never interrupt people. The origin of the han nationality is diverse, there are both the main source and the source. The Chinese national development integration and unity, into the seal of the han nationality is han said sure. Lu simian said: "the name of the han nationality, after liu bang proclaimed himself." [] (P22). Lv Zhenyu said: "Chinese since someone was emperor wudi of the early han dynasty, began to call han." [] (P19). In short, the use of the name of the han nationality since han dynasty up to now has more than two thousand years.

Food and clothing live line "clothes" first, a history of clothing is a evolution of human civilization. The han clothing is a faithful reflection of the historical and cultural change, the Chinese nation is the important carrier of Chinese civilization. Design is the most impressive visual symbol as the dress, with structure and function of clothing is not only closely, rise to decorate the basic purpose of beautification garment unlined upper garment, but also has strong representation. Protean design modelling, color, material, production process and the use of material is not only accurate transmission of time social characteristic and the folk culture, but also the clothes status and feelings of the visual presentation. The study of clothing design is sociology, history, religion, art, anthropology, archaeology, ethnology research important auxiliary means. But for a long time for domestic clothing design research mostly focus in the field of ethnic costumes, relative to occupy the Chinese nation costumes extended dominance of the han nationality clothing is quiet a lot of research, far from achieving its status value. Clothing is the carrier of pattern, the establishment of the han Chinese clothing design database also to a certain extent, make up for the deficiency of the han Chinese clothing research.

THE HANCLOTHING DESIGN DATABASES IS THEREQUEST OF THE AGES

The han clothing is an important part of the dress culture of the Chinese nation, design as the main external visual expression of clothing, directly reflects the clothing itself and its place region, belongs to s social and cultural connotation. In nearly 10 years of the han nationality clothing design research we found that the principal part of the research in the process of fragile and dissolution damage far beyond imagination. As textile clothing because of its inherent fiber physical properties, the inevitable exist to objective characteristics of difficult to save. Although many experts and scholars have been doing clothing protection and research work, but we have to admit that the current level of science and technology development and technology means, no matter what way not clothing material can be preserved for a long time, Academic significance on the research results and the realistic imitation of reengineering can never replace the inherent value of the original information. For generations of Chinese people will also be able to see the former national art treasures and use these resources to do more in-depth research, only establishing a database, using digital technology to permanent loss of material cultural heritage information search and preserved.

Of the information stored in the database is the carrier, also is the media of information, it is saved with the help of computer software tools and manage a large number of complex data and information []. Build the han clothing design database is the purpose of the use of modern means of science and technology and the material cultural heritage protection and inheritance, this is an effective means, is also an urgent work. There is no doubt that the protection of the culture itself is the premise and foundation of research and develop, how to dress is handed down and precious cultural relics in the information recorded and used by science, has become a beyond the study itself, a more urgent task.

INFORMATION SCIENCE CLASSIFICATION SYSTEM DIRECTLYRELATED TO THE CORE FUNCTION OF THE DATDBASE

Information stored in the collection is just the protection of cultural heritage and cultural essence. To construct the database of the ultimate goal is to realize the development and inheritance of cultural heritage, a mature and practical database must have not only the basic browsing capabilities, but also has powerful retrieval function, practicality is one of the core values of the database. Good database information classification system are beneficial to users, designers, managers, and maintainers. [] retrieval functions can very good play its efficacy depends on the category partition of library information science. If the resource name is not standard, information classification is not scientific, classification function is not perfect, will inevitably cause the retrieval ways not unblocked, directly influence the use function of the database. And practical just is the embodiment of the cultural heritage class database core functionality. Due to database users both experts, professors, scholars and other professional researchers, there are also the general public, thus resource name is both to professional and non-professional people of different cultural background, under the premise of as much as possible, without any increase in

categories series, using a variety of classification and naming provide multi-angle retrieval entrance. Only follow the principle of the architecture of the use of database to meet different people, attract most people only pay attention to the cultural heritage protection and inheritance of the Chinese nation has more profound social significance.

The connection between the information are various, an information subject can belong to several categories, from also can have other contact outside the dependency relationship. Due to the han nationality clothing design with a typical complex information characteristics, that is a picture of a dress pattern or belong to have multiple attributes and define the way. A pattern can be named: cloud costume design, best form design, plants and animals, qilu area clothing design, design of qing dynasty costumes, folk costume design, and so on, each kind of name is right, is standing in the description of design and define the different Angle. Pattern of users' search path is, therefore, is very much, background knowledge and cognitive habits is leading people to choose different information query, the root cause of this is a very subjective behavior. Is based on the practical function of the database, as much as possible on the category classification information should be collect different classification method, and without any increase in categories series under the premise of try to provide users with a comprehensive options as much as possible.

Han costume pattern classification system of database design is in accordance with the classification and the classification of the pattern of dress category divides two standards. Although they each have several kinds of classification, but not every one is suitable for the category classification standards as the database. Table 1 is the han nationality clothing categories of species, in "level 1 category partition type" column lists all the possible as han Chinese clothing division standard type, followed by these different level category divided three types of "secondary category content" segment. In some classification standard of secondary category in the ellipsis, ellipsis means there are more options. If a class contains the following categories will not the purpose of this class covers all information, and missing, or, overlapping between the categories of information, can only explain the purpose of class division is not strict, not science. Only those at the next lower level category does not appear intersection classification standard to the database resources classified no omissions, to facilitate the user's information retrieval. The categories appear intersection category partition can cause repeated classification of database resources, cause the chaos of the database retrieval function, so also is strictly prohibited.

TABLE 1: Han apparel category of kinds and content

A class category classification	B categories of content	There is no Intersection
Han Chinese clothing category	The first suit, jacket, skirts, foot wear, accessories under	No
The age of Han costumes	Ming and Qing, the Republic of China before,	No
Han costume region	The other area of Qilu area, the Central Plains area, Jingchu area, Wu Yue area,	No
Han Chinese clothing culture indication	Folk costumes, court dress, opera costumes, religious dress	No
Han Chinese clothing fabrics	Ling, Luo, silk, satin, cotton, linen, silk, leather, wool	Yes
The process of the Han costumes	Inserts, roll, embroidery, weaving, paste, stitching	Yes
Han Chinese clothing color	Pink, Liulv, yellow, eggplant, rose purple, jade, gold, pale blue, scarlet......	Yes
The Han style of dress	The traditional, classical, folk, simple and elegant, concise, gorgeous, luxurious, elegant, simple, complex......	Yes
The object of the Han costumes	Children's clothing, women's, men's, the elderly clothing,	Yes

Han Chinese clothing design of the database information characteristics also reflects the characteristics of the clothing. On the one hand, the number of han Chinese clothing because of wearing, wide area, long and world amount is larger. And since the vulnerability of the fabric, on the other hand, in the Ming dynasty and handed down before few in number, so when the category division should avoid dogmatism, in line with the principle of seeking truth from facts, in the "han clothing s" to the next level category will be divided into "before Ming and" as a historical stage, and the "qing" and "the republic of China" as the other two categories. For the regional classification of han Chinese clothing is a difficulty, can not according to the current administrative region division, also cannot according to the simple concept of cultural area division. If according to the concept of cultural district, such as: "the kanto culture area" "qin culture area", "yanzhao culture area", "qilu culture area", "bashu culture area", "SanJin culture area", "lingnan culture area" as "han clothing regional" secondary class purposes, not only is too trivial, but also not completely suit the han clothing regional distribution characteristics of a specific subject. After concrete analysis of han ethnic distribution, should be covered can be summarized as the following five regions: "qilu area", "central plains", "jingchu area", "wu yue area" and "other areas", the so-called "rest" is all the areas of the han nationality in addition to the han nationality mainly residential area. As is known to all, the han nationality in the long historical development evolution, due to avoid war, famine, or mandatory immigration policy, there are several big population migration, scattered in all directions. This part of the han people wear clothing, although after

the evolution, with the living area and other national costumes of harmony, but still keep the obvious characteristics of han Chinese clothing so should be classified as han Chinese clothing in the system.

Above all, for the classification of han Chinese clothing specifications, can use category types should be divided into the han nationality clothing category, the han clothing s, the han nationality clothing geographic and han Chinese clothing culture refers to the four primary categories.

Table 2 is the han nationality clothing design category of kinds and content, in "level 1 category partition type" column lists the theme, form, material, craft, color, style, meaning of seven kinds of possible design standard. The next is targeted at these different primary category division of types of secondary category segment. Secondary categories according to the previous analysis, the fact cannot be the primary category of classified information being completely, or secondary class objective information overlap, are not suitable for as a class standard of purpose. The conclusion is: to the han nationality clothing design level category should be the subject of "costume design" and "state of the costume design" by the standard of the two is preferred.

TABLE 2 : The han clothing design category of kinds and content

A class category classification	B categories of content	There is no Intersection
Han costume design theme	Geometric patterns, flowers and plants, animals, animal scenes of characters	No
Han costume pattern shape	The two party, the Quartet, suitable for continuous continuous patterns, individual patterns	No
Han costume pattern fabric	Damask, silk, satin, Luo, cotton, linen, silk, leather, wool	Yes
Han costume pattern process	Inserts, roll, embroidery, weaving, dyeing, paste, spell, drawing, block, complement, reactor	Yes
Han costume pattern color	Pink Liulv, navy blue, light green, bright yellow, orange, purple, black, white......	Yes
Han costume design style	Traditional, folk, gorgeous, elegant, concise, luxurious, simple, complex, full......	Yes
The moral of the Han costume pattern	Good luck, evil, pray, Qiuzi, wealth, seek office, riches and honour......	Yes

According to table 1 Table 2 results, we can get the table 3: classification of information architecture Han costume pattern database. In one of the categories in the database, the user can from dress pattern belongs to clothing category, age, geographical and cultural indication or pattern itself themes and form six aspects of database resources for multiple caliber retrieval intervention. A class category is a basic two categories, divided into two categories of professional conclusion, for example: for clothing category classification is the "first service" and "jacket" and "skirt" and "full service" and "accessories" five; morphological classification standard of dress pattern is already recognized; this is not here.

Two categories a total of 24 sets of information, these 24 groups of information belonging to a class six grade one category, that is the 24 set of information is refined according to six different criteria for classification of clothing and the pattern information do induction, so the 24 set of information is actually six times repeated classification of whole information library resources.

TABLE 3 : Classification architecture of Han costume pattern database

	A directory	B directory	C directory					
		Crown service	Dress in	Clothing area	Dress culture	Design theme	Design shape
		Jacket	Dress in	Clothing area	Dress culture	Design theme	Design shape
	Han Family Clothing Decoration The Product Class	Change	Dress in	Clothing area	Dress culture	Design theme	Design shape
		Foot wear	Dress in	Clothing area	Dress culture	Design theme	Design shape
		Accessories	Dress in	Clothing area	Dress culture	Design theme	Design shape
		Crown service	Dress in	Clothing area	Dress culture	Design theme	Design shape
Han Family Clothing Decoration Fig.	Han Family Clothing Decoration The Years	Before the Ming and	Clothing category	Clothing area	Dress culture	Design theme	Design shape
		Qing	Clothing category	Clothing area	Dress culture	Design theme	Design shape
		The Republic of China	Clothing category	Clothing area	Dress culture	Design theme	Design shape

Case The Number of According to the Library	Generation						
	Han Family Clothing Decoration The The ground Domain	Qilu area	Clothing category	Dress in	Dress culture	Design theme	Design shape
		The Central Plains area	Clothing category	Dress in	Dress culture	Design theme	Design shape
		The Jingchu area	Clothing category	Dress in	Dress culture	Design theme	Design shape
		Wu Yue area	Clothing category	Dress in	Dress culture	Design theme	Design shape
		Other area	Clothing category	Dress in	Dress culture	Design theme	Design shape
	Han Family Clothing Decoration The This paper Chemical Finger Syndrome	Folk costumes	Clothing category	Dress in	Clothing area	Design theme	Design shape
		Court dress	Clothing category	Dress in	Clothing area	Design theme	Design shape
		Chinese opera Costume	Clothing category	Dress in	Clothing area	Design theme	Design shape
		Religious clothing	Clothing category	Dress in	Clothing area	Design theme	Design shape
	Han Family Clothing Decoration Fig. Case The Questions Material	Geometric patterns	Clothing category	Dress in	Clothing area	Dress culture	Design shape
		Flowers and plants	Clothing category	Dress in	Clothing area	Dress culture	Design shape
		Animal beasts	Clothing category	Dress in	Clothing area	Dress culture	Design shape
		The task of scene	Clothing category	Dress in	Clothing area	Dress culture	Design shape
	Han Family Clothing Decoration Fig. Case The Shape State	The two sides	Clothing category	Dress in	Clothing area	Dress culture	Design theme
		Four continuous	Clothing category	Dress in	Clothing area	Dress culture	Design theme
		For patterns	Clothing category	Dress in	Clothing area	Dress culture	Design theme
		The ndividual patterns	Clothing category	Dress in	Clothing area	Dress culture	Design theme

   The category name view name from three categories with the same level category, the difference is reflected in the number of a class category, there are six groups of information, while the three categories each with 5 sets of information, the number of the equivalent of a category group minus the number "1": 6-1=5, lose "1" is three class project belongs to the category of groups. Can clearly see all resources distribution database is circular cross, correlative information from the library organization structure, this is the characteristics of the decision of the multi attribute pattern information. Retrieval of information classification system information library function based on the first consideration is the user's convenience, is usually taken to reduce the number of categories, reduced levels, reduce naming ambiguity, improve the named length consistency measures to optimize database information classification system[1]（P117）. According to the architecture of current planning Han costume pattern database, the user either way into the database could be all the way down, only three query to retrieve all of the information in the database, not the blind spots, but does not appear channel information retrieval, the problem of inconsistent had different retrieval.

CONCLUSION

   Based on the database function of the Han costume pattern classification system fully embodies the applicable object of extensive, category system interaction, resource naming accuracy and user convenience. Implicit Han traditional dress pattern reflected by euphemism, simple, optimistic upward honest value orientation and aesthetic pursuit is worth us to inherit and carry forward[2]（P7）. This database not only make a useful complement to the study of Han clothing, also for the protection of cultural heritage, heritage, utilization and research to build a very operational platform.

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