



## Testing and Adjusting File Management Archives Based on Multiple Neural Feedback Models

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### ABSTRACT

File management archives are important records formed by enterprises and government departments in business processing and decision-making, which are of great significance for business continuity, decision-making, and risk management. However, due to various factors such as human error, ageing and damage to archives, the accuracy and reliability of document management archives are often challenged. Therefore, how to effectively test and adjust file management archives has become an important research issue. This article studies a method for testing and adjusting file management archives based on multiple neural feedback models. This method utilizes a multi-neural feedback model to test and regulate file management archives, aiming to improve the accuracy and reliability of file management archives and provide new ideas and methods for research and application in related fields.

**Keywords:** BP Neural Network, Document File, Management, Research

Received: 19 August 2023  
Revised: 28 November 2023  
Accepted: 6 December 2023  
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### 1. Introduction

In the so-called document file classification, the physical objects are to be divided into similar categories and the composition of various types of processes [1]. In the current widely used BP neural network model, there exists a classification of document files in the application process of this large generalized BP neural network, which not only leads to some degree of misleading but also causes the BP neural model's trust Decrease [2]. Based on the above problems, this paper will improve the BP neural model in the basic algorithm, starting from the collection of document file classification, then classifying the document entry point into the classification management model, and applying the classification management algorithm model to the document file Class model for systematic reconstruction [3].

In the process of setting up, the first measurement and analysis based on the BP neural model evaluation results, the measurement of errors in the classification framework, the use of the HMM model to classify them as a whole, and the iden-

tification of weak instruments summary [4]. Then, the classification management

algorithm model is introduced, and the classification management algorithm is introduced step by step. Against this background, inputting and obtaining the above algorithm results is as easy as formally putting forward the construction plan [5]. After more layers of screening, it will fundamentally make up for the BP neural model in the past, the mode of measurement of confusion, thereby improving the system's measurement capabilities, solving the measurement of the root causes of chaos, optimising the overall performance of the system [6].

## 2. State of the Art

In the integration and statistics of clerical archives, the central core lies in the organic integration of computer systems and coding algorithms [7]. Applying the existing algorithms in this regard showed a strong application performance. It can use the existing technical support, imagination in all directions, and the existing methods and research findings' organic integration, such as the integration of the Internet and finance, the Internet infiltration of lifestyles, and so on. Therefore, it is far more advanced in China than in document archives classification, and its theoretical algorithmic expression is used [8]. However, with the help of algorithm expression, we cannot find the fit with the corresponding target in the generated measurement algorithm. Based on the research of this phenomenon, this paper makes a combination of theory and categorization management algorithm and applies it to document file classification to generate in this study [9].

The combination of theory and categorization management algorithm can further improve the adaptability of the generated measurement algorithm and the target based on the theory. It can display the integrated research on measurement algorithm expression to the greatest extent [10]. The theoretical basis of the categorization management algorithm is the soil generated by the classification of document files. All things are one thing. When applied to one direction, the related expressions can be obtained in this direction. This article is classified based on foreign countries' Management algorithms that adapt to the existing soil for optimal performance in the generation of metrology algorithms, making the design of document file classification algorithms more practical and accurate.

## 3. Methodology

### 3.1. BP Neural Network Model to Build

Document file collection is the most important part of the BP neural network model algorithm. This paper uses the BP neural network to integrate the retrieval process and structure the huge document file data. Then, the computing model is calculated by a computer. Based on the data of each algorithm, Standards and specifications, and the information data for the file unit output information, the model receives the data to digest and ultimately completes the collection of the entire model set-up. In this process, using the BP neural network algorithm, first through the following type of calculation, the number of file documents and the title of the file coding, the use of specific coding files under the jurisdiction of the file unit data classification, the use of BP neural network automatically regulates them to provide the preconditions for the next step. Based on this document file coding, for the unit data fitting, we will  $d$  as a branch of the file coefficient of the instrument, then  $a$  is the number of diversion coefficients,  $n$  is the number of categories of file number of a particular instrument,  $b$  on behalf of the instrument files in each Measure the value of the direction, through the following formula checks, draw the document file data classification and integration programs.

$$d = 1 - \frac{(a_1b_1 + a_2b_2 + \dots + a_nb_n)}{\sqrt{a_1^2 + 2\dots + a_n^2} + \sqrt{a_1^2 + a_2^2 + \dots + a_n^2}} \quad (1)$$

In this formula, the main consideration is that after the completion of the material, it can be transferred to the document file unit accurately.  $\lceil$  represents the number of each independent algorithm in the file of this instrument, by coding the type of algorithm, to achieve an orderly calculation, and then complete the overall order. In addition,  $d$  and  $a$  respectively represent the accuracy of their coding, with  $N$  representing the total contract value and  $h_e$ ,  $l_w$  the sinking coefficient. Through the calculation of the formula, accurate input values are obtained, and the network model is continuously input through the input values at the same time; the supplement of the formula can perfect the network model from the side; the specific formula is as follows:

$$d'' = \frac{N}{h_e \sum l_w} \tag{2}$$

$$d : (1 - d) \times d^2 + a \times \sqrt{d}$$

After the model has read its optimal node coefficients, it begins to count the resulting document file numbers and derive their numbers to take over as the final model. Get the above data, we can make corresponding additions to the node under the jurisdiction of each node that will be administered to fill, that is, the file under the jurisdiction of the contents of the file regulation, the implementation of the overall first, and then the details of the operation, Can manage at the same time, also ensure the accuracy and reliability of the system construction, the specific algorithm is as follows:

$$d(xi) = \sum_{j=1}^k \delta i^2 + \sum_{i=1}^p \rho i^2 \tag{3}$$

After the above overall and post-detailed work is completed, the whole framework of the neural network model is obtained. The framework of the need to continue to add data input when the general direction has been identified and the contents of this session have been identified. Therefore, the next step is to build this BP neural network model, and the main document file relationship programs take Pick it up; otherwise, even if the construction of this model is perfect, it will be a useless program. Therefore, the last step is to upload the filtering result of the algorithm to the processing part of the algorithm through the packing method, filter the file information of the file by using the algorithm and finally process the filtering result. The specific process is shown in the following figure.

### 3.2. Clerical Files Classified Management

After the document file model building is completed, the next aspect to be considered is the technical integration of the file model and the non-linear algorithm. This article divides the construction of the whole algorithm into four parts, including the file archives terminal collection of material that is carried out based on the BP neural network computing model, extracted from each BP neural network BP neural network factors of each integrated BP neural network computing model of the information data, as well as the various stages of the basic Document file unit data. This includes information provided by the total documentation archives. Second, we deal with the data; the main need to be completed is to integrate and process the information from different files through the algorithm to effectively deal with all aspects of the consensus to achieve the smooth operation of each algorithm for each algorithm Operation to provide protection. Finally, it is imported into each BP neural network page, and the BP neural network calculation model and information collected by each algorithm, as well as the file composition requirements, are displayed on the overall algorithm results.

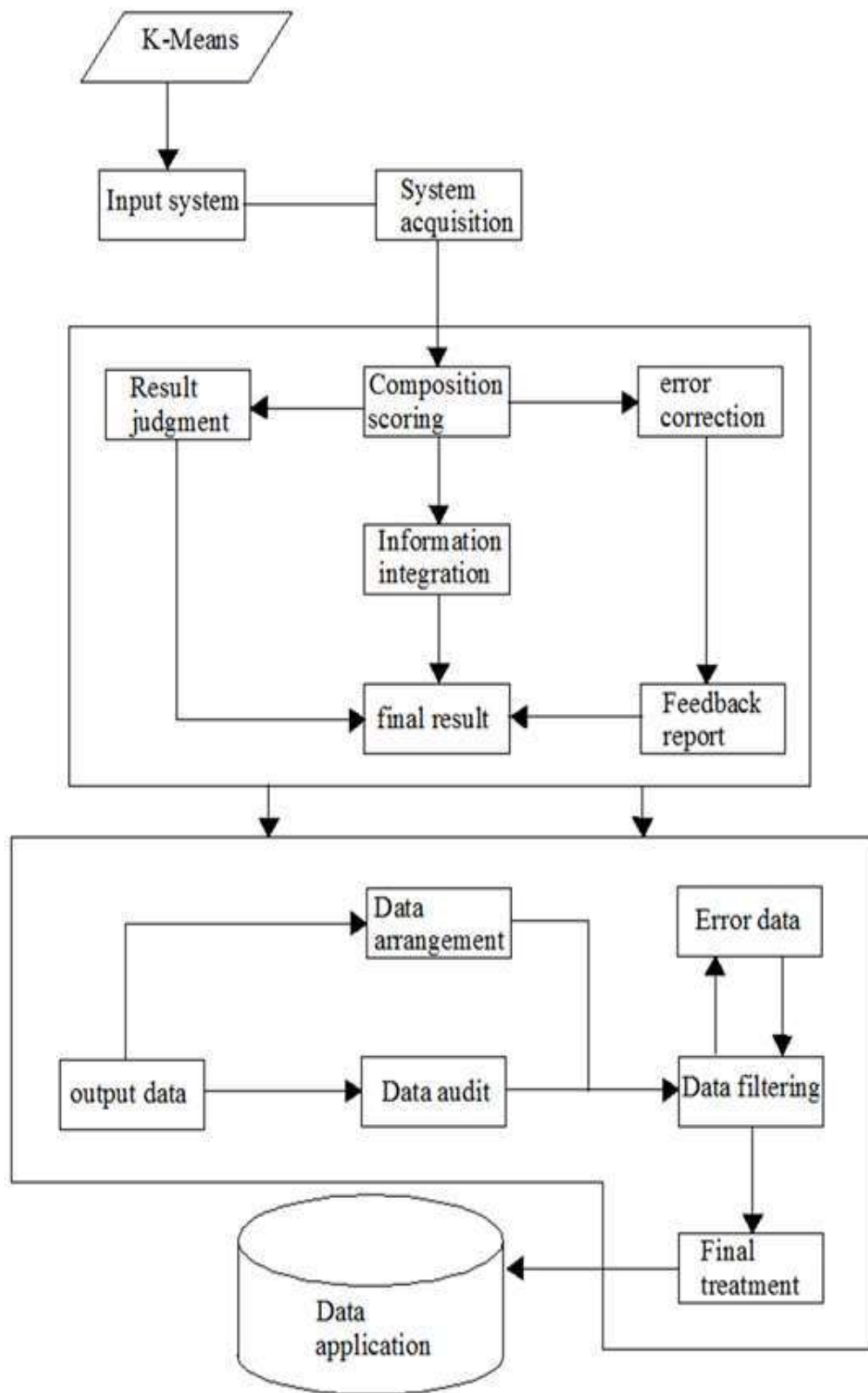


Figure 1. Research on document management based on BP neural network algorithm

Information integration phase			BP design data of free-form surface		
Factor	Accuracy rate	Resonant adjustment	efficiency	Overall effect	Remarks
The finite element method of BP	BP1	0.55	0.86	0.74	
	BP2	0.52	0.51	0.82	
	BP3	0.65	0.36	0.78	
Traditional inverse algorithm	BP4	0.51	0.61	0.73	Consider stability

**Table 1. Data Research on Document Management based on BP Neural Network Algorithm**

As shown in Table 1, we use  $xy$  to represent the total data model of the model, and  $R$  represent the standard data of the material model. The algorithm adds a set of criteria to ensure an accurate objective Sexual model. To ensure the accuracy of the results, we need to reduce the algorithm's error. This section of the design of the first through the two parameters to build a corresponding probability calculation, assuming, enter the corresponding training algorithm to get an optimal result. The formula used is as follows:

$$(X_{i-1}, Y_{i-1}), i = 0, 1, \dots, n-1, X_i \in R^m, Y_i \in Y \tag{4}$$

Using this formula, with the optimal coefficient for the standard factor, you can get the minimum error risk but also minimize the error.

$$d(\omega) = \int L(Y, F(X, \omega)) dF(X, Y)$$

$$d_i(\omega) = \frac{Y^{0.4} - \sqrt{d^2 - 1}}{X^{0.4} - \sqrt{d - 1}} \tag{5}$$

Use the formula to make the corresponding predictive function, in which,  $d(\omega)$  represents the predictive instrument,  $L$  represents the optimal coefficient,  $n$  represents the longitudinal coefficient, the use of these data to establish the corresponding functional relationship, and the corresponding difference sequence. If you encounter the corresponding classification problems, we can take the method of paperwork function, assuming the  $d$  value in the region  $(-1, 1)$ , the optimal function as follows:

$$d(\omega) = \frac{1}{n} \times \sqrt{d^2 - d^{0.4}} \sum_{i=2}^n L \tag{6}$$

After the whole prediction of the optimal value has been determined, we target the probability of output between our hypothesized algorithm  $d$  and the file-archival algorithm  $X$ . Finally, according to a series of optimal numerical integrations, we substitute and calculate the corresponding joint probability calculation. From (3), calculate the joint probability; you can seek the minimum expected risk. Since union probability is not known,  $d$  is no way to directly calculate the minimization. However, using the Law of Large Numbers, based on known training sample sets, you can use arithmetic averages to ensure the accuracy of the scoring results. Each factor input algorithm flow as shown in Figure 2 below.

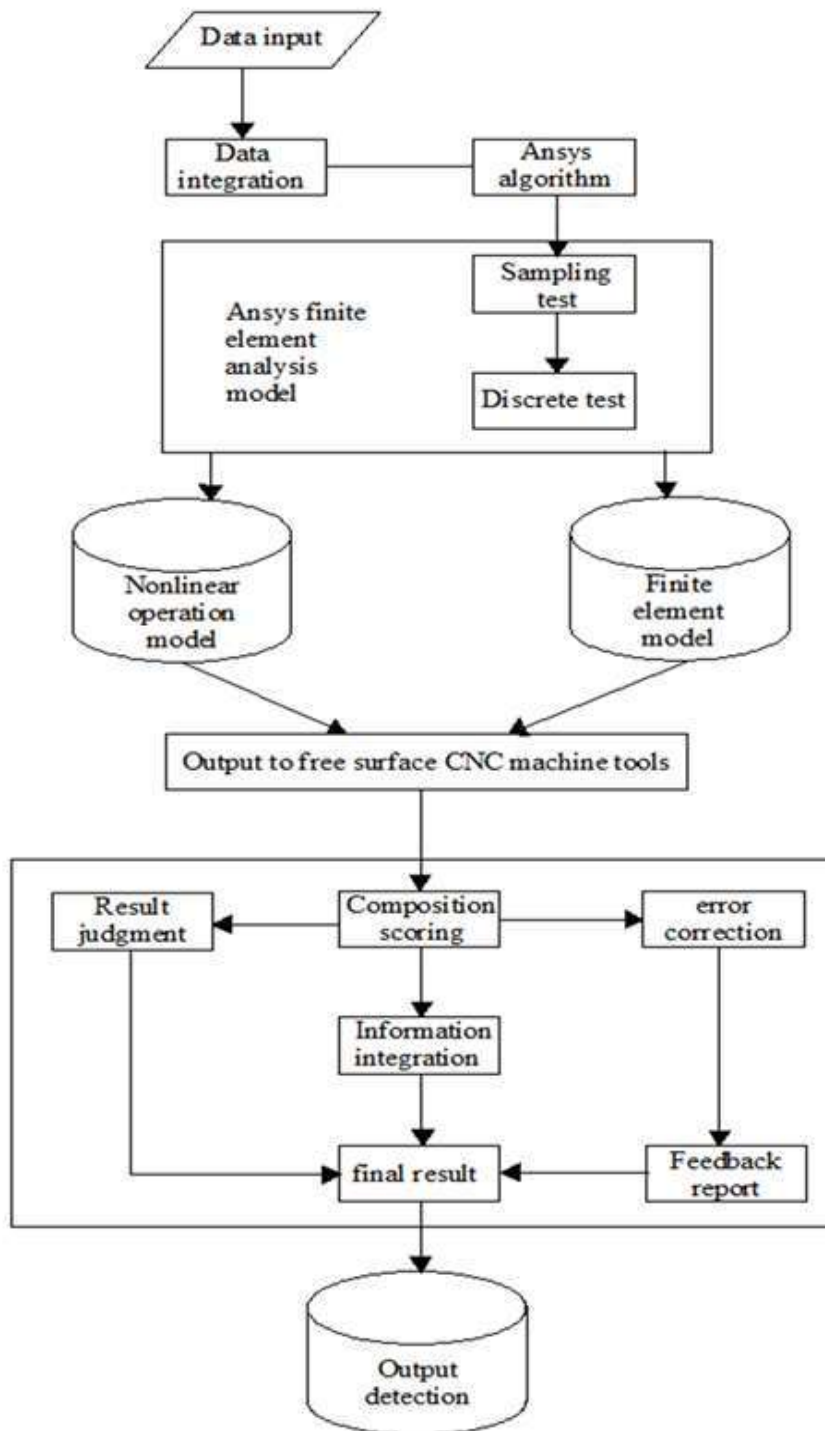


Figure 2. Research on document management based on BP neural network algorithm

Secondly, through the calculation and integration of information and data, we will focus on the input factors of the file of the document and the file of the document in the design process. In the operation of the data and collection, based on the file structure built on the basis of the above, for the classification of the contents of the file from the file classification algorithm, it is divided into three major areas, namely, file data, upload efficiency data and Professional technical data. By



arranging the file data of the instruments, a large integration direction can be drawn. The first task of transforming the complexity into the technical support is taken as the title of each small data. Then the efficiency data are inserted to be carried out with the file data of the instruments Fitted, draw the scope of the instrument file. Document files as the middle of convergence, the design requirements of its accuracy must also meet the construction principles, we must determine its accuracy. Finally, we finish this session's finishing work and input the documents' file factors into the collection. As we can see above, we use computer technology to number them by the algorithm and then complete the neural network algorithm based on the file of the documents.

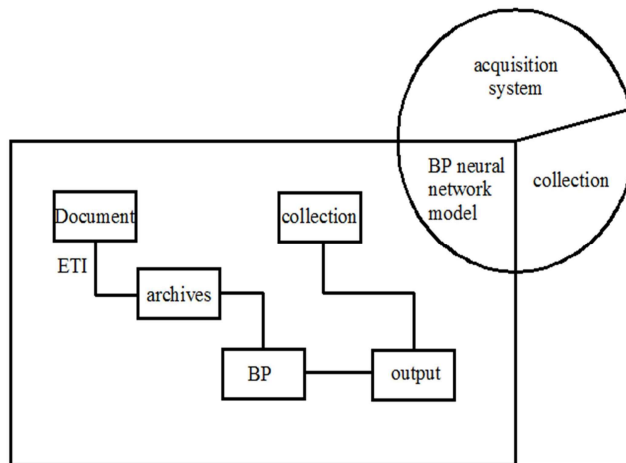
#### 4. Result Analysis and Discussion

As this study of the object and the BP neural network model exactly match, it is in the application of a great grasp. However, the difficulty of this study lies in the fact that the huge amount of cardinal paperwork may lead to mistakes in information collection. Therefore, this aspect is the focus. Then, for this program to carry out the test of investment, the test was set up in a city research institute. Integrate the file information of the institute's research institute into the system and use the institute's existing hand-metered text as a reference object to evaluate the test result. First of all, the hospital's file information archives a holistic input system for instant access to the file, but also the data entered into the system, and at the same time included in the manual part of the process of measurement through the classification of documents for the system, And, to take a tree-shaped framework for the relationship between the upper and lower levels of information, to facilitate the staff to find and use. To construct this experiment, it proved feasible to systematically manage the documents file, and the computer system performed all the work. The specific parameters are shown in the following table:

Factor	Data input algorithm for resonant unit				
	Detection performance	Operating speed	Overall effect	Smooth efficiency	Design inspiration
BP calculation model	BP 1	0.7	0.3	3.2	4.2
	BP 2	0.3	1.7	4.1	4.7
	BP 3	0.5	2.2	2.7	5.3
Traditional manual processing	BP 4	1.3	0.7	5.6	6.2
	BP 5	2.2	1.3	6.2	7.0
	BP 6	1.7	1.2	8.1	7.1
	BP 7	2.1	2.3	5.2	6.8
neural network processing system	BP 8	0.5	1.5	9.1	7.1
	BP 9	0.7	2.0	7.2	6.5
	BP 0	0.9	1.4	4.7	6.1

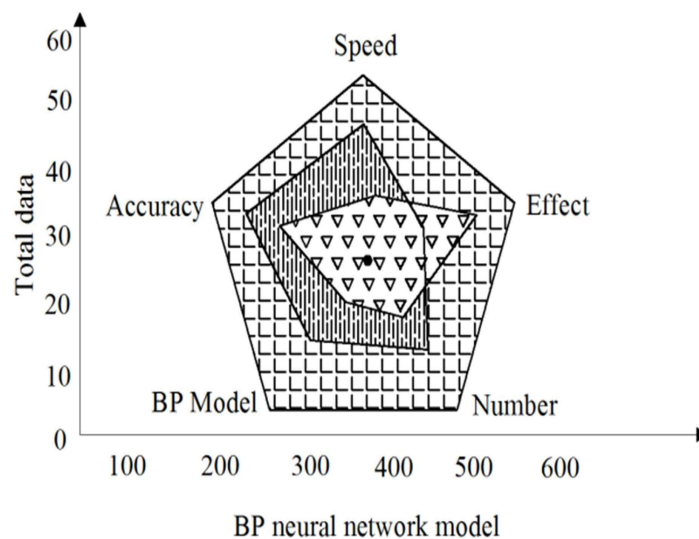
**Table 2. BP Algorithm Test Table for Research on Document Management based on BP Neural Network Algorithm**

In the above tests, we can observe that there is no difference from the traditional analysis effect on the analysis of document files, and even at a lower processing speed than the conventional technology. So, the two are not very different from the fluency point of view; in dealing with a wide range of data, the two show the same ability. In the secondary analysis interface, it is clear that the BP neural network algorithm can conduct a thorough and efficient analysis of the input ciphertext data. For each input unit the information base of each input unit can pass a certain degree of contact, each data link, and then do more in-depth analysis. In the maintenance, the traditional processing system needs regular maintenance, the software needs to be constantly updated to ensure that you can keep up with the development of the times and the data model. In this regard, BP neural network algorithm technology can be self-updating level, according to the model to be processed at the same time the model positioning. In the positioning of the data collected at the same time, it can be collected and backed up, so it is ready to update the system.



**Figure 3. Research on document management based on BP neural network algorithm**

Taking into account the actual situation above, the following we study for the algorithm. The specific algorithm lap document file process as shown in the results. As we can see, with the increase of information and structure statistics and other factors, the model of document filing system in three-dimensional perspective is also correspondingly complex. Therefore, the computing model of BP neural network algorithm technology must be carried out regularly, using automated systems integration options, the same specifications for the data number, by number to represent the number of documents and the ratio of each file. Through the above improvements, the data on the three-dimensional model will be significantly reduced and look very neat in order to lay the foundation for further optimization in the next step. During this period, to take into account the file format and calculation methods, the BP neural network algorithm system must be strictly by the standard procedures to run once there is a temporary change in time at the same time so that the BP neural network algorithm technology background to make the corresponding Adjustment. BP neural network algorithm technology is a very time-saving program, but this program also has inevitable problems, the most serious of which is not synchronized with the information exchange platform, resulting in computing and overlapping platform format; there are differences in materials, both parties need to maintain together before they can be avoided.



**Figure 4. Application of Research on document management based on BP neural network algorithm**



In the meantime, during the testing process, we conducted research on the correlation algorithms of this new type of document file, and we found out that this BP neural network algorithm is more provincial than the traditional algorithm as the paperwork increases Time-saving, the overall performance of data processing more superior. On the other hand, since the structure of the BP neural network algorithm technology is automatically recognized and processed by a computer, it is necessary to consider whether the information structure processed can match the factors and information in the document file, Factors to different data formats. Therefore, it is necessary to optimize and reform the file archives technology through BP neural network algorithm technology to ensure the intelligent processing effect and consider the matching degree of overlap. After analyzing the intelligent analysis of this part of the file, it extracts the information that benefits the relevant data and finally outputs it to the manager. Because the transmission of data flow runs through the main line of the whole BP neural network algorithm system, it can find a clearer BP neural network algorithm analysis process from the perspective of data flow interception. Finally, the BP neural network algorithm that handles clerical files can show extreme processing speed and accuracy in handling more complex design information data.

## 5. Conclusion

The development of our research work is inseparable from the role of texts and other information. The efficient management and arrangement of instruments and files is the fundamental guarantee for scientific research and management. Targeted systems represented by BP neural network algorithms can only be applied to this research field. Scholars from all walks of life can rely on them for technical progress in their specific document archives research. A multi-layer neural feedback model is built based on the BP neural network algorithm and the error backpropagation algorithm. By systematically inputting the file of documents, a considerable number of files can be managed systematically to realize the orderly process. Using forward propagation and backpropagation of the neural network algorithm, the classification is divided into two parts. Finally, the scheme's feasibility is established through the input test of archives of a research institute. By integrating the document file technology of the document file model and using the BP neural model, a file model of documents added by adding document files is finally added to the model. In this process, further efforts are needed to capture and input huge amount of information in the collection file and integrate the operations in the BP neural network.

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