Review of the Connotation and Extension of Mechanism Concept

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ABSTRACT. *By analyzing the factors involved in the mechanism research and the relationship between the factors, it is explored whether the relevant mechanism research in Chinese science and technology, policy and other literature includes these elements or whether it is just a mechanism study. At present, there is a lack of specific description for the formalized study of mechanism. By analyzing the concept of mechanism and case analysis, key words are extracted from the literature summary of relevant mechanism, and the types and fields of mechanism research are analyzed, as well as the factors of mechanism and the relationships between them, to determine the fields related to mechanism. Judge whether the mechanism research content of each research field meets the mechanism elements and the relationship between the mechanism elements, and clarify the length of the chain composed of the elements of the mechanism.*
Keywords: mechanism concept, mechanism elements, mechanism chain

1. **Introduction.** Since the reform and opening up, China's development in economic, social and scientific research fields has entered a leap era. In order to promote the economic development of our country, our country has imported many relevant rules and regulations or management experience that have been effective in other countries from abroad. Although we have leapt to the second largest economy in the world in terms of economic development, the relevant foreign regulatory systems and methods are not necessarily suitable for our country. Therefore, we need to study the rationality of introducing policies and why they have not met our expectations.

The term "mechanism" is appearing more and more frequently in China's current academic research. It is used not only in academic research, but also in our daily language. The term "mechanism" itself is an "imported product" and a concept of development. As society develops and the environment changes, the elements of the "mechanism" and the relationship between the elements will change. Currently widely cited and researched Use, resulting in ambiguity and ambiguity. Therefore, this article mainly studies the constituent

elements of the mechanism and the relationship between the elements. The formalization of the mechanism through case studies may help to standardize the scope of application of the mechanism.

The term "mechanism" originated in Greek, originally referring to the construction and working principle of machines. The original meaning of the mechanism refers to the interaction, the causal connection and the operation mode of each part during the operation of the machine. This concept was later applied to the fields of biology, medicine, and society. Since China's reform and opening up, the term mechanism has been used in various research fields, and the mechanism has played a great role in China's various reforms. The "system" in the "one court, two systems" proposed by the Chinese Academy of Sciences at the beginning of 1988 refers to the mechanism, and it was later explicitly expressed as "one court and two operating mechanisms", which can clearly be explained by China's "one country, two systems" in Hong Kong and Macau. "System" in "one country, two systems" refers to the social and political system. For example: Adam Smith's economic understanding of "economic mechanism", the market theory of "invisible hand" especially emphasizes that the market has the function of self-adjustment without excessive government intervention. The market is in its own right Reflecting its own value in the evolution process, so society gets the "optimal" result[1].

2. **Concept of mechanism.** The concept of mechanism is used more and more frequently in modern scientific development and social practice, and its scope of application is becoming more and more common. The basic idea of mechanism theory comes from mechanism. The mechanism of modern philosophy originates from Descartes and Latin America. In the mechanism of the original philosophy, it contained a very reasonable idea that a certain structural system formed by the interaction of some elements would form a special stable and regular exercise process.

From the point of view of system science, mechanism is the internal coordination mode and regulation principle of regulating the relationship between the system elements, the relationship between the system and the environment by certain rules in order to maintain its potential function and make it a specific manifestation function[2].

The explanation of mechanism in modern Chinese Dictionary: "the structure and working principle of machine; the structure, function and interrelation of organism; generally referring to a complex working system and the physicochemical law of some natural phenomena". There is also an explanation: "the key to the change of things is the restriction of checks and balances, the power of coordination, institutions and systems, etc."[3].

Mechanism refers to the relationship between various parts of the machine and its operation mode[4]. The understanding of the mechanism concept can be imagined as a machine, which parts the machine consists of; why it consists of these parts; how the parts of the machine work and why they work through these parts. For example, a mobile phone is composed of battery, screen, camera, processor, memory, vibrator, etc. it is clear about the role of each component and the relationship between them. The battery is mainly

responsible for the conversion of external power supply, and supplies power to the parts that need to be powered according to the instructions of the processor. Each part has certain performance, and these groups are set in a certain way Connect in parts so that the phone can play its role.

When studying Mao Zedong's methodology, Chen Jinhe[5] believed that mechanism is the problem of how the various elements that make up things interact with each other, interact with each other and restrict each other so that things exist, transform and develop.

Markmer, Darden and Craven proposed a definition of a mechanism: "Mechanisms are entities and activities that are organized in the following way, and they produce certain regular changes between initial and final conditions"[6]. Therefore, a complete description of the mechanism should be presented as a causal narrative without any vague links or interruptions.

Mechanism refers to the process and mode of interaction between organizations or parts of a working system under certain environmental conditions, which is manifested as the functions of a system under certain quality, certain structure state and certain environment[7].

Mechanism is a mature and proven behavior mode composed of effective and relatively fixed methods and ways. It needs a certain institutional guarantee, and its own operation reflects the role of mechanism[8].

Other mechanism concepts include mechanisms that connect parts of things or phenomena to make them work. From the above concepts, most of the mechanism concepts are composed of elements, but it does not indicate which elements are made up and the relationship between these elements.

Through the understanding of the above concepts, the mechanism is to achieve a certain goal, play the interaction between various elements, and finally form a closed loop system.

3. **Mechanism type.** Documents are searched from the Wanfang Data Knowledge Service Platform, with "mechanism" as the search term, and the documents related to the mechanism are selected from the Wanfang database. From the screening results, the types of relevant mechanisms are selected, which are incentive mechanism, pathogenesis, operation mechanism and long-term mechanism. Extract a part of the literature from the highly cited papers of each mechanism type for abstract analysis. This article analyzes the corpus based on the LDA model and the document abstract. By extracting the topic words in the abstract, the extracted topic words are compared with the selected mechanism type, and the results are compared with the expected results. Generally speaking, LDA can be used to automatically extract popular topics composed of keywords from massive texts based on statistical models. Let us quickly know what these large irregular texts mainly tell. From the search results, the first few papers of highly cited papers of each type of mechanism were selected, of which 10 were incentive mechanisms, 15 were pathogenesis, 15 were pathogenesis, and 15 were long-acting mechanisms.

3.1. **Incentive mechanism.** A literature search was performed from the Wanfang Data

Knowledge Service Platform. A total of 17,509 incentives appeared. The top 10 highly cited papers of the type of incentive mechanism were selected, and the abstracts of the 10 papers were used as corpora. The theme of the document was extracted using gensim LDA. The top 10 subject words were output, and the results showed that the word distribution from the first and ninth topics is as follows, 0.026 * "Civil servant" + 0.023 * "China" + 0.019 * "Incentive" + 0.018 * "Exists"+ 0.018 *"Mechanism"+ 0.015 *"Operation "+ 0.012 *"Perfect "+ 0.012 *"No"+ 0.011"Problem"+ 0.008 *"System" and 0.050 *"Incentive"+ 0.022 *"Remuneration "+ 0.022*"Strategy" + 0.018* "Knowledge-based" + 0.018 * "Mechanism" + 0.017 * "Employee" + 0.015 * "Civil Servant" + 0.013 * "Work" + 0.013 "Our country" + 0.013 * "Able" . Judging from the distribution of the key words such as "system, system, salary, and China", we can analyze that the administrative field is one of the fields included in the incentive mechanism. From the word distribution of the third topic, 0.026 * "Company" + 0.019 * "Mechanism "+ 0.017 *" Incentive "+ 0.016 *" Enterprise "+ 0.015 *"Entrepreneur"+ 0.014 *"Spirit"+ 0.013 *"Listed "+ 0.013 *"Significant"+ 0.011"United States"+ 0.011*"State-owned", It can be roughly concluded from the "enterprise, entrepreneur, company" that the enterprise field is also one of the fields included in the incentive mechanism. It can be seen from the results that there are some words that do not have significant meaning, but they are relatively high in the results and affect the weight judgment of the topic model. Therefore, when extracting keywords by word segmentation, some useless keywords should be filtered out to improve the accuracy of model extraction.

Through the analysis of the data in the summary section, it was also manually screened. Manually reading the summary section, selecting the frequency of occurrence or more important words, which were government, system, budget, organization, incentives, benefits, civil servants, administration, efficiency , Factors, holdings, shares, managers, companies, information, entrepreneurs, state-owned enterprises, compensation, cooperation, etc. Compared with the previously extracted keywords, some of the keywords are similar, and these high-frequency words can also be used to find incentive mechanisms including the administrative field and the enterprise field and so on.

3.2. **Pathogenesis.** Literature retrieval was conducted from the Wanfang data knowledge service platform, and the occurrence frequency of pathogenesis was 9343. The first 15 papers with high citation frequency of pathogenesis type were selected, and some of the papers with high citation frequency had no abstracts. Therefore, the abstracts of 11 papers were used as corpus and gensim LDA was used to extract the document topic. Looking at the word distribution of the first 10 topics, the word distribution from the third topic is as follows, 0.023 * "Diabetes" + 0.023 * "Mechanism" + 0.022 * "Factor" + 0.022 * "Onset" + 0.021 * "Pathway" + 0.020 * "Porridge-like" + 0.019 * "Yes" + 0.018 * "Metabolic" + 0.018 "Sclerosis" + 0.015 * "Cells", from the distribution of the subject words such as "diabetes, factors, sclerosis, cells", we can get The field related to the pathogenesis type is the medical field; the word distribution of the 8th topic is as follows, 0.007 * "Cardiomyopathy" + 0.006 * "Cardiac" + 0.006 * "Fibrosis" + 0.005 * "Relevant" + 0.005

* "Yes" + 0.005 * "Disorder" + 0.004 * "Cell" + 0.004 * "Metabolism" + 0.004 "Insulin" + 0.004 * "Factor". From the distribution of the subject term, the results are also relevant to the medical field. From the distribution of highly cited papers, their abstracts, and key words, it can be concluded that the pathogenesis must be related to the medical field.

By manually reading the abstract section, the extracted high-frequency words or keywords are compared with the topic words extracted by the previous model, which are MP, inflammation, clinical, pneumonia, atherosclerosis, diabetes, treatment, infection, metabolism, injury, Immunity, endometrium, growth factor, mycoplasma pneumoniae, pathology, kidney disease, complications, cardiomyopathy, pathogens and so on. Judging from the abstracts of these 15 highly cited papers, compared with the previously extracted topic words, there are great similarities, and it can be determined that the field related to the pathogenesis type is the medical field.

3.3. **Operating mechanism.** Literature retrieval was conducted from the data knowledge service platform of Wanfang, and the occurrence frequency of operating mechanism was 9128. The first 15 papers with high citation frequency of pathogenesis type were selected, the abstracts of the 15 papers were used as corpus, and gensim LDA was used to extract the document topic. From the topic of the fifth topic, 0.049 * "Open" + 0.049 * "Lab" + 0.049 * "Research" + 0.040 * "Operation" + 0.039 * "Mechanism" + 0.037 * "Management" + 0.037 * "Mode" + 0.025 * "Question" + 0.013 "Analysis" + 0.013 * "Generation". From the distribution of the topic word, it cannot clearly show the fields related to it. From the topic words of the 8th and 9th topics, 0.011 * "Quality" + 0.008 * "Teaching" + 0.008 * "Management" + 0.006 * "College" + 0.006 * "Yes" + 0.005 * "Comprehensive "+ 0.005 *" Increase "+ 0.005 *" Work "+ 0.004" Explore "+ 0.004 *" Run "and 0.042 *" Sports "+ 0.042 *" Market "+ 0.034 *"Benefits "+ 0.031 *" Electricity "+ 0.026 * "Development" + 0.026 * "Athletics" + 0.025 * "Cultivation" + 0.024 * "Mechanism" + 0.021 "Operation" + 0.017 * "System". In terms of the key words "college, training, sports, management", etc., the fields related to the operating mechanism are the fields of education or management.

By reading highly cited papers on the operation mechanism, some high-frequency words are extracted from them, which are "research, operation mechanism, market, university, analysis, public health, problem, innovation, entrepreneurship, process, development, content, laboratory, Management model, theory, reform, teaching quality" etc., compared with the previously extracted subject words, the field related to the type of operating mechanism is the field of education or management. The result of extracting the subject words by the operating mechanism is not good, because it is impossible to determine the domain related to it.

3.4. **Long-term mechanism.** Literature retrieval was conducted from Wanfang data knowledge service platform, and the occurrence frequency of long-acting mechanism was 7721. The first 15 papers with high citation frequency of pathogenesis type were selected, the abstracts of the 15 papers were used as corpus, and gensim LDA was used to extract the document topic. According to the third theme, 0.045 * "College students" + 0.031 *

"Work" + 0.031 * "Mechanism" + 0.019 * "Volunteers" + 0.019 * "Party building" + 0.017 * "Management" + 0.017 * "Mode" + 0.015 * "Question" + 0.015 "Analysis" + 0.013 * "Generation", from the subject word "college students, volunteers, party building", we can roughly conclude that the field of education or administration is related to the type of long-term mechanism. From the title of 15 highly cited papers, 10 papers are related to college students and universities. Therefore, the topic words extracted from the abstract must be related to the field of education.

By analyzing the abstracts of related papers of the long-term mechanism, some high-frequency words are extracted from them, which are "cooperation, college students, society, construction, mechanism, long-term mechanism, withdrawal, teacher ethics, volunteers, management, development, universities, party building , Enterprise, education, government, philosophy, system, innovation "and so on. This is similar to the topic words extracted earlier. Therefore, the field related to the type of long-term mechanism is the field of education or administration.

Through the analysis of four types of mechanisms, the relevant fields are found, and through the comparison between the manual extraction of high-frequency words and the model extraction of keywords, the applicable fields of mechanism types are determined, so as to analyze the use scenarios of mechanisms, and then the development and common ground between the fields are further studied. Incentive mechanism and a long-term mechanism is suitable for the field of education and administrative areas, and the pathogenesis is suitable for the medical field, the running mechanism from the result of extraction of keywords, no specifically to its applicable field, can be seen from the results, there are some words no special significance, but in the results of is higher, affect the judgment of subject models, including the scope of the operation mechanism itself is more extensive. Therefore, additional data needs to be added to the operating mechanism for further research.

4. **Case study of mechanism types.** Through the above mechanism concept and mechanism type and related field research, understand the mechanism type and applicable field. This paper not only explains the type of mechanism, but also explains the elements contained in the mechanism and the relationship between the elements. Mechanism types are not only incentive mechanism, pathogenesis mechanism, operation mechanism and long-term mechanism, but also action mechanism, molecular mechanism, management mechanism, driving mechanism, safeguard mechanism, early warning mechanism and market mechanism. Therefore, from the literature analysis of mechanism research, this paper summarizes the elements of mechanism and their relationships.

From the extensive use of mechanism today, it can be found that the concept of mechanism contains an organic, dynamic, practical and purposeful thought, which is complex, flexible, analytical and comprehensive to view and solve problems. The mechanism contains many elements, the interrelation between the elements, the interaction, finally achieves the research goal. Therefore, from the following several case studies of mechanism research, the structure of mechanism research literature can be clarified.

4.1. Research on Human Resources Incentive Mechanism in State-owned Enterprises. In the exploration of human resource incentive in state-owned enterprises [9], it first explains why the exploration of incentive mechanism should be carried out, and the first part explains the role of incentive mechanism and what the consequences will be. The second part points out the problems existing in the construction of the human resources incentive mechanism of state-owned enterprises, which are analyzed from three aspects: single incentive method, lack of supervision of the incentive mechanism and unreasonable pay distribution system. The third part analyzes the factors included in the incentive mechanism and obtains the optimization countermeasures, which are analyzed from the three factors of causality, method and system respectively. The subject is state-owned enterprises and the object is employees of state-owned enterprises. The introduction of mechanism elements in this article is basically the article's subtitle. The following diagram is a flowchart of the incentive mechanism, which clearly shows the elements of the mechanism and the relationships among them.
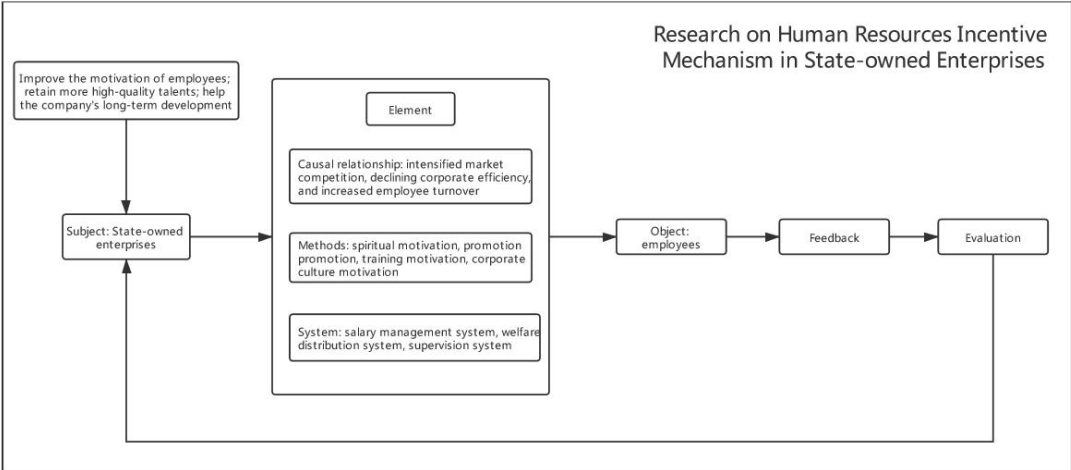

FIGURE 1. FLOWCHART OF EXPLORING FACTOR RELATIONSHIPS OF HUMAN RESOURCES INCENTIVE MECHANISM IN STATE-OWNED ENTERPRISES

4.2. Research on Young Teachers' Incentive Mechanism in Private Colleges. In the mechanism of private colleges and universities young teacher[10], the first part of introduction, the second part of private colleges and universities young teacher incentive mechanism and the problems existing in the third part of the private colleges and universities young teacher's demand analysis is pointed out that the private colleges and universities for the construction of a series of according to the urgency of young teachers incentive mechanism, analysis of the current private colleges in the face of some of the problems, and the difficulty of young teachers in private colleges, as a result, the parts can be understood as promoting private colleges to improve the conditions of the incentive system, is the starting conditions of incentive mechanism research. This article mainly studies the incentive system of young teachers in private colleges and universities, the subject is private colleges and universities, and the object is young teachers or the incentive

system of young teachers. The elements of the incentive mechanism are composed of the fourth part of the strategy for improving the incentive mechanism of young teachers in private colleges and universities, which is mainly the first sentence of each paragraph, starting from the system, method and law. The following figure is the flow chart of the study on the incentive mechanism of this article, which clearly points out the subject, object, element, feedback and evaluation included in the incentive mechanism.
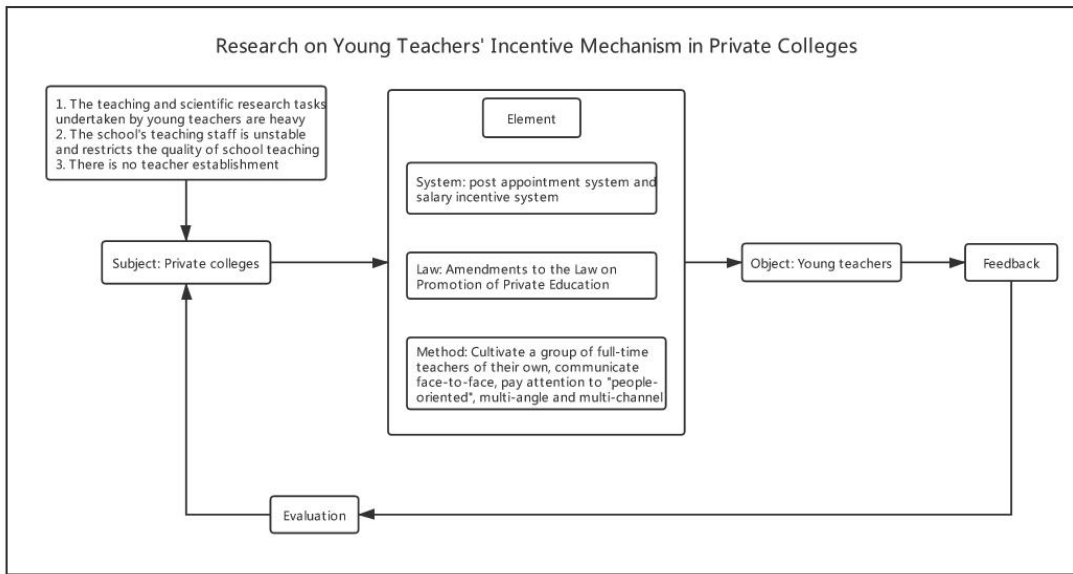
FIGURE 2. FLOWCHART OF RESEARCH FACTORS OF YOUNG TEACHERS' INCENTIVE MECHANISM IN PRIVATE COLLEGES

4.3. **Analysis on US national security information transmission mechanism.** This article mainly discusses two aspects of the transmission mechanism, namely the overall transmission mechanism and the classification transmission mechanism[11]. The following figure mainly analyzes the overall transmission. In this paper, the subject and object of the information transmission mechanism are directly pointed out, and the information cycle is used to represent the main mechanism elements contained in the transmission mechanism. The intelligence agency is the main body, which contains 17 main units. Each main unit also plays a different role in different intelligence mission environments. It is divided into horizontal coordination relationship and vertical hierarchical relationship. The intelligence cycle can be understood as the elements contained in the transmission mechanism, which include causality, law, technology and methods. Intelligence types and missions are objects, which actually refer to the task field and target of the US national security intelligence. According to the 17 subject units, different elements are used to act on the objects according to the different types of intelligence missions, which is also the field for the subject of intelligence agencies to conduct practical operations. The basic process of information transmission explains the whole transmission cycle of the security information transmission mechanism, and explains the elements that should be included in the transmission mechanism from the aspects of plan orientation, information collection,

processing and processing, analysis and generation, information distribution and evaluation, but does not point out some specific methods and so on. Classified transmission mechanisms include counter-terrorism information transmission mechanisms, counter-proliferation information transmission mechanisms, counter-intelligence transmission mechanisms, and network intelligence mechanisms.
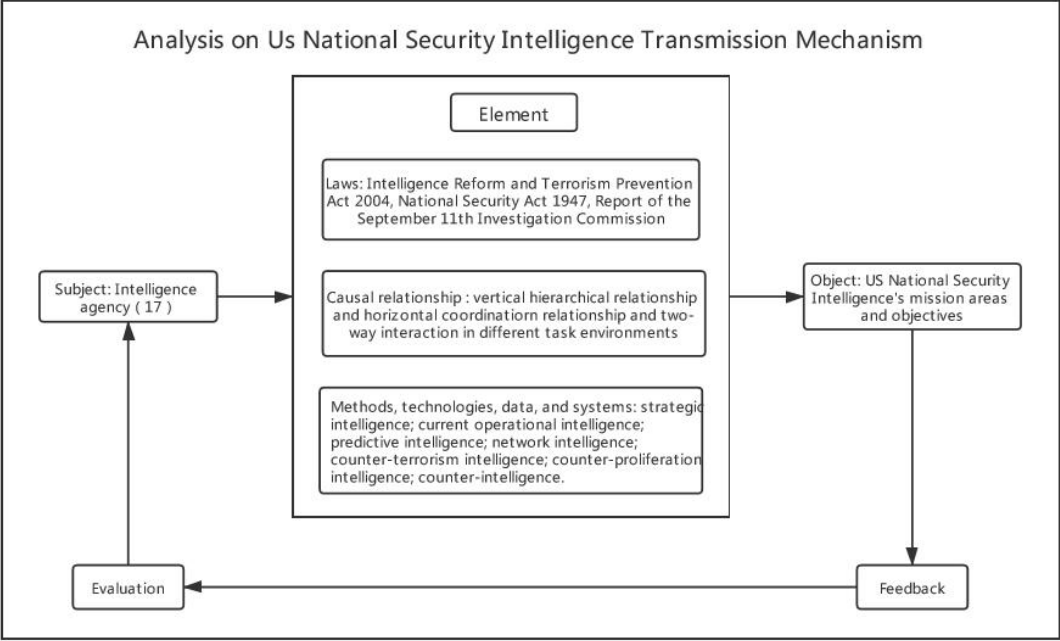

FIGURE 3. AN ANALYSIS OF THE RELATIONSHIP BETWEEN THE ELEMENTS OF THE US NATIONAL SECURITY INTELLIGENCE TRANSMISSION MECHANISM

4.4. **Thoughts on Establishing University Emergency Management Mechanism.** In the university emergency management mechanism[12], the first part of the article uses examples to explain why a university emergency management mechanism should be established and improved. Through the analysis of the concept of the mechanism, it is pointed out that the mechanism has the characteristics of solidification, standardization, accumulation, comprehensiveness and development. According to the concept of the mechanism, the concept of university emergency management mechanism is finally obtained. The main problems existing in the third part of the construction can be understood as the reasons or conditions for the establishment of the mechanism, precisely because these conditions promote the establishment of the whole process of the mechanism. At the end of the first paragraph of the fourth part, five core elements of the emergency management mechanism of colleges and universities are pointed out, which are emergency prevention mechanism, emergency preparation mechanism, monitoring and early warning mechanism, emergency response mechanism, and after-treatment mechanism. Each core element includes the elements of the mechanism, such as the institutional and method elements of the emergency preparedness mechanism; the technical elements of the monitoring and disposal mechanism. Each of the core elements appears basically in a

subtitle in the text, and the elements in the mechanism are summarized based on the description in the text. The figure below is a flow chart of the emergency management mechanism for colleges and universities by summarizing the content of the article.
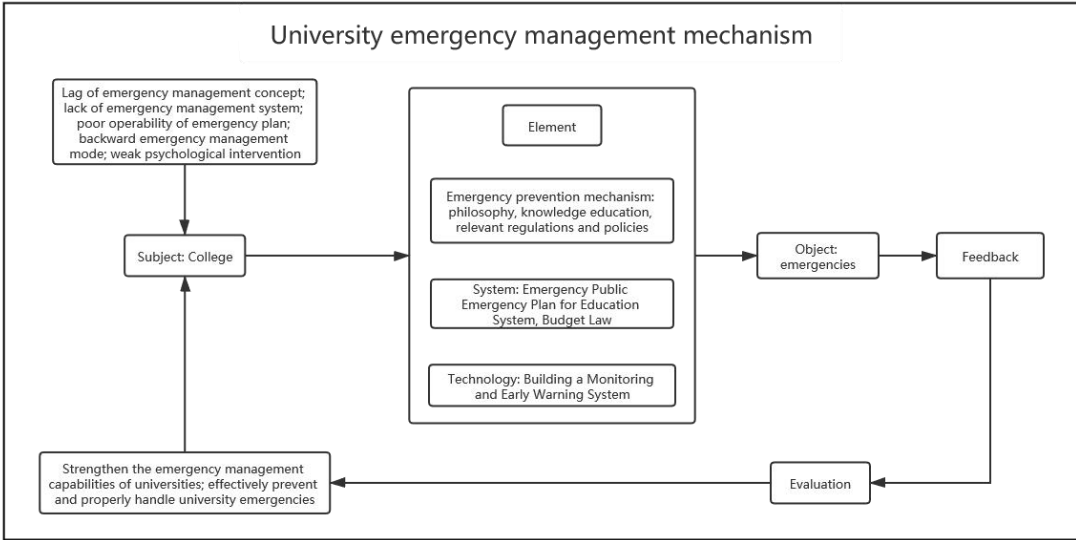

FIGURE 4. A FLOWCHART OF THE RELATIONSHIP BETWEEN THE FACTORS OF THINKING ABOUT THE ESTABLISHMENT OF A UNIVERSITY EMERGENCY MANAGEMENT MECHANISM

5. **Elements of the mechanism.** With the increasing economic strength of the country, China's development in science, technology and policies has become faster and faster. Since China's reform and opening up, the mechanism has become one of the most frequently used words in research fields such as science and technology, society, and policy. At present, there is no specific description of the formal research on the mechanism. By explaining the concept of the mechanism, case analysis, basic processes, etc., the elements of the mechanism and the relationship between the elements are studied to determine the process of the mechanism research and the length of the mechanism chain.

5.1. **Mechanism element concept.** From the perspective of the history of modern philosophy, the subject generally refers to the person who has the ability to understand and transform the world, or the practitioner who engages in practice and activities under certain natural and social conditions; the object refers to the object world that enters the field of human cognition and practice[13]. Any research is to solve the existing problems to do the work, purposeful research, including subjectivity, autonomy and creativity; the object includes the objectivity, the objectivity and the restraint of the subject. Therefore, in the study of mechanism, the subject and the object have the same important status and role.

Everything is related to each other, and the connection of things is not only universal, but also diverse. There are internal and external connections, there are primary and secondary connections, and there are subjective and objective connections, etc. Any phenomenon will

cause the occurrence of other phenomena, and any phenomenon will be caused by other phenomena. The relationship between the cause and the cause is called causality[14]. The phenomenon that causes a certain phenomenon is called the cause, and the phenomenon caused by a certain phenomenon is called the result. Cause and effect are a successive relationship, the cause always comes first and the result always comes last. Law refers to the essential and necessary relations within things[15]. Due to the interaction and interrelation between certain elements, it can be a process to form some internal adjustment and a mechanism to run the external law. The law can not only understand its future development trend and development height, but also rebuild the regular motion for the purpose of human under certain conditions.

In today's society, the status and role of technology in society is becoming more and more obvious. Science and technology are the primary productive forces, technology is the necessary means for studying science, and methods and means are a mutually reinforcing relationship. Philosophically, the method is the sum of certain ways, approaches and procedures that humans should follow in order to understand the objective world and transform it. Data are crucial to some studies, and only when they are available can they be convincing. The mechanism research carried out by researchers to achieve a certain goal needs to rely on a certain system construction. System is crucial to mechanism research and is one of the core elements of mechanism. System can be divided into political system, economic system, cultural system, laws, regulations, policies and measures, etc. The mechanism must have a certain function, but it is not a function itself. The operation of each mechanism is realized by a combination of various internal functions, such as coordination function and guarantee function, which are the basis of mechanism research.

5.2. **Relationship between elements.** Through the analysis of some mechanism research articles, the contents of some articles will directly put forward the elements contained in mechanism research, such as system, law and method, and some articles also include many sub-mechanisms, which can be understood as part of the elements included in mechanism. From the analysis of 55 highly cited literatures, it is concluded that the field of education is the field with the most types of mechanism research. These mechanism elements are also included in the relevant mechanism literature in the field of education.

In the analysis of the above cases, the most problematic and also the most difficult part is that some of the elements included in the mechanism research are not clearly pointed out, and the content and structure of the article need to be analyzed. In the journal article, the first part is to describe the existing problems of the study and the reasons for carrying out the study. The second part is to describe the concepts involved in some articles and the methods or features related to the research issues. The third is the analysis of the existing problems in the research, from several different perspectives to explain the necessity of the research. The fourth part is to answer the previously mentioned questions and how to solve the existing problems. The last part is a summary of the article. The triggering conditions in the mechanism research are in the first part of the article, which is the current difficulties faced by the research. Most of the subject and object of the mechanism can be analyzed in

the title, or the subject and object of the mechanism are directly pointed out in the text. Included elements are basically found in the third and the fourth part. These elements include institutions, laws, causality, technology, methods, data, etc. Each article on mechanism research contains one or more of these elements. Any mechanism can function through the interaction and correlation of the above elements to achieve the ultimate goal.

According to the needs of different mechanism studies, the elements of mechanism will use one or more elements, and the combined effects of these elements constitute a main line of mechanism research. According to the content of mechanism research, or the sub-mechanism in mechanism research, a chain composed of mechanism elements is selected according to the best. The shortest chain should be that the subject directly acts on the object, and return to the subject through the feedback and evaluation of the object, which should be a loop structure. There must be a reason for mechanism research, which is why the research is carried out. This part will appear in the first part of the article. This is the inducing condition of the mechanism research and the condition for starting the mechanism. Through the above analysis, the core elements of the mechanism are induced conditions, subject, object, condition, feedback, and evaluation. The research process of the mechanism must be fed back to the subject from the cause to the result, which is equivalent to raising a problem, solving the problem, and finally solving the problem. The methods and results are tested, and the intermediate process includes other factors such as data and technology. Therefore, the longest chain of the mechanism should be that all the elements are connected in series to form a cyclic closed-loop structure.
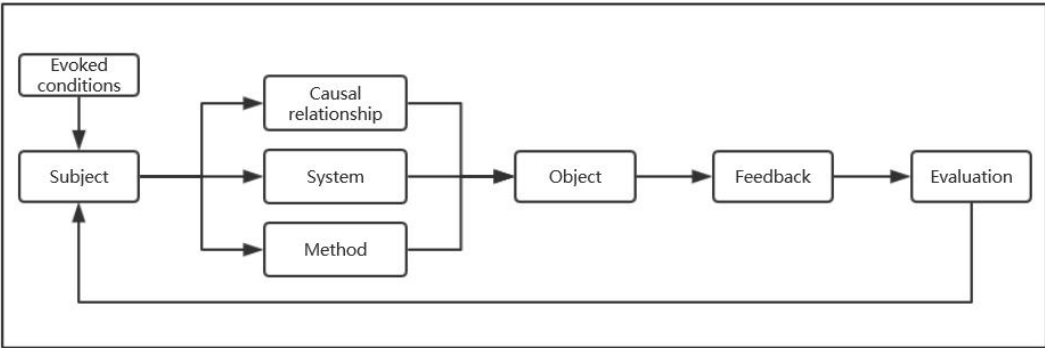

FIGURE 5. CLOSED-LOOP STRUCTURE DIAGRAM OF MECHANISM ELEMENT CHAIN
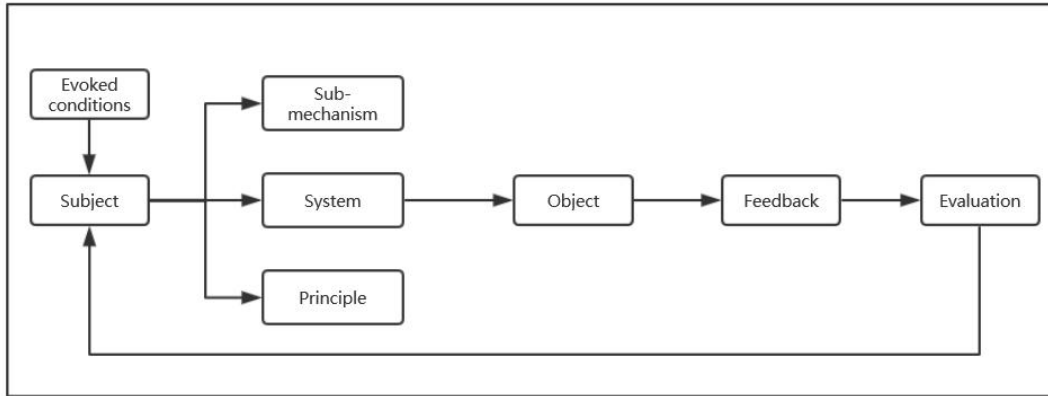
FIGURE 6. RELATIONSHIP DIAGRAM OF MECHANISM ELEMENTS

6. **Conclusions and Expectation.** By extracting the topic words in the abstract of the highly cited papers in the mechanism type, and analyzing the fields related to the mechanism type, although it can be seen from the results that some words have no particularly significant meaning, they occupy a relatively high proportion in the results, affecting the judgment of topic model. Therefore, when extracting keywords after word segmentation, filter out some unused keywords to improve the accuracy of model extraction. According to the relevant literature analysis of mechanism research, the composition of the mechanism elements, as well as the chain length of the mechanism elements and the final mechanism are proposed as a closed-loop structure. Due to the complexity of the mechanism, the interrelation and interaction among the elements provide a formalized structure for future mechanism research. By understanding the concept of the mechanism from different perspectives, we can discover the elements of the mechanism from the focus of research and understanding of the mechanism. By studying the relationship between the elements and the interaction between the elements, learn from each other's strengths and weaknesses to achieve the overall optimal effect, which reflects the difficulty of the mechanism research or the accuracy of judging the factors included in the mechanism research.

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