

# Deep Retrieval Algorithm for Metaphorical Frame Data of Narrative Structures of Chinese and American Electronic Information Disciplines

Qin Kai  
College of Foreign Studies  
Guilin University of Electronic Technology  
Guilin 541004  
Guangxi China

Shu QingYun  
College of Foreign Studies  
Guilin University of Electronic Technology  
Guilin 541004  
Guangxi China

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**Abstract:** This paper analyzes the similarities and differences of electronic engineering majors in Chinese and American universities from the aspects of undergraduate teaching operation and management, professional curriculum setting, and teaching and evaluation methods. Point, Image Retrieval Model DSHB in Deep Semantic Hashing. Designing end-to-end deep learning networks suitable for retrieval tasks is one of the research hotspots in image retrieval. The dissemination mode of narrative exhibition is embodied in a multi-level nested non-continuous weak logical link process, and its structure is different from the one-way model of novels and movies, and is a feedback model of leap-forward dissemination.

**Keywords:** Deep Retrieval Algorithm, Metaphorical Frame Data, Chinese and American, Electronic Information Disciplines

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## 1. INTRODUCTION

The Pennsylvania State University (PSU) is a world-renowned public university and one of the top public universities in the United States [1-3]. Its academic research capabilities are at the forefront of the world, in engineering, meteorology, earth science, geography, and communication science. In fact, foreign countries have gone a long way in this regard.

Let us first look at some papers published in *Narrative Inquiry*, a well-known American magazine in 2011: "The Telling and Regulation of Life Emotions in Preschool Children's Autobiographical Narratives: The Role of Mothers' Conversational Cooperation" [4]. Texas The University of Arlington is a comprehensive university with both teaching functions and research and public service functions. Arlington ranks second in the University of Texas system, and the School of Engineering ranks in the top 50 graduate schools in the United States [5].

Compared with domestic colleges and universities, American higher education disciplines have distinct characteristics and comparative advantages, and domestic higher education can learn from excellent practices [6]. Relying on the main majors of the school or related majors of famous foreign universities, the college organizes Sino-foreign cooperative education programs targeting domestic students, and jointly trains undergraduates in the fields of science, engineering and management. The research background of image retrieval mainly includes the following aspects [7].

First, with the rapid development of the mobile Internet, social networks are increasingly popular, and the number of users and smartphones is increasing. According to the "Statistical Report on Internet Development in China" [8] released by the China Internet Network Information Center (CNNIC), as of December 2018, museums used to represent human's understanding of the world, while today's museums are obliged to Be a memory center for the community. This is why, after the National Museum of Brazil was destroyed by a fire, people heatedly discussed on social networks whether

Brazil's 200-year-old civilization memory would be wiped out with the fire [9].

When there are no physical objects, can the memory of human civilization be preserved in museums? The Washington Accord, initiated and signed by civil engineering professional groups in the United States, the United Kingdom [10], Canada, Ireland, Australia and New Zealand, mutually accredits undergraduate engineering talents qualifications. The agreement proposes a set of assessable basic requirements for the attributes and professional abilities of graduates in the "Graduate. Attributes and Professional Competencies (Graduate. Attributes. and. Professional. Competencies)" about one in every 50 engineers [11]. The name comes from this college. The School of Engineering includes the Department of Aeronautical Engineering, the Department of Agricultural Engineering, the Department of Bioengineering, the Department of Chemical Engineering, the Department of Civil and Environmental Engineering, the Department of Computer Science and Engineering, the Department of Electronic Engineering, the Department of Engineering Science and Machinery, and the thesis investigation dialogue [12].

How Space Creation Helps Adolescents Use Email (rather than Face-to-Face Communication) to Write About Self; "Constructing the (M) Other: Mainstream and Counternarrative Raising a Child with Down Syndrome" ["Constructing the (M) Other: Dominant and Contested Narratives on Mothering a Child with Down Syndrome"], a comparison of undergraduate courses between two universities in Tianjin Normal University [13].

This article compares the talent training methods in the United States and China from the perspective of the curriculum setting and implementation of the electronic engineering undergraduate majors in the two universities, hoping to provide reference for further promoting the talent training and curriculum reform of electronic information science and technology in Tianjin Normal University [14]. With the rapid development of the electronic information industry, today's

society has entered the information age, and electronic information technology has become the most active and most penetrating science and technology in the contemporary era, with the characteristics of wide application, rapid update, and strong practicality [15]. Create a talent training brand of Nanyou, and create high-level talents with solid foundation, broad knowledge, strong practical ability, high comprehensive quality, innovative spirit and international vision. The program now has 4 undergraduate majors: communication engineering, computer science and technology, digital media and business administration [16].

## 2. THE PROPOSED METHODOLOGY

### 2.1 The Comparison Of Electronic Information Disciplines Between China and the United States

In particular, how they protect their rights and interests by telling stories, which can be said to be the first of its kind in domestic narratology research, and has also received widespread attention from the domestic academic circles. The development of the information technology industry requires senior compound talents who systematically master the theoretical basis, basic knowledge and professional skills of this discipline.

Accept strict scientific experiments and scientific research training From the perspective of the division of courses, FIT's curriculum includes three major modules: basic, professional basic and professional, while SDJU curriculum includes general courses, subject basic courses and majors There are three categories of ability courses, and it can be seen that the two schools have the same curriculum classification. After the discussion is over, each group of students sends a representative to the podium to make a report to everyone on the problems and solutions they have discussed in the group. Then ask the teacher and other groups of students to express their opinions. If there is a problem, please ask the question and propose a solution. Finally, through everyone's full discussion, the curriculum syllabus of American colleges and universities in cultivating software engineering comprehensive ability has the characteristics of detailed and sufficient content. Software Design and Engineering, University of Pennsylvania, Carnegie? Software development comprehensive training courses such as "Software Engineering Practice" of Mellon University and "Software Engineering" of University of California, Berkeley,

The Department of Electronic Engineering at PSU has only one major in electronic engineering, and their training plan is in line with the ABET certification requirements. First, they attach great importance to the foundation of mathematics and science, and at the same time, they also attach great importance to the education of students' humanistic literacy. In the third type, The patient seeks a new self. Of the three types, the first is where the patient actually narrates his or her illness experience in terms of social needs and therefore not the true self; in the second, the patient's life is completely disorganized. Cultivating Basic Research With application ability and innovative spirit, graduates can directly serve the society and can engage in scientific research, teaching, technology development and management.

### 2.2 The Metaphorical Framework Data for Discipline Narrative Structure

Anne Hawkins argues that disease narratives are often based on certain Recurring metaphors and myths, such as combat, travel, regeneration, etc., disease narrative authors may use canonical. The University of Texas at Arlington undergraduate electrical engineering program provides students with a broad education, and the professional preparation program is specific to engineering majors of students are offered core courses in basic science, mathematics and engineering.

From the perspective of the narrative medium of novels, since the content is narrated through the carrier of language and words, the narrative of language and words presents a specific time sequence, so the narrative of novels must follow a specific temporal logic, and the spatial form of Features are weakened in the novel. Cornell presented 15 real projects: the university library proposed the need for a war memorial website to preserve and digitize Cornell's war materials during World War I; Daily information, job tasks and a database that provides task tracking and more.

### 2.3 The Deep Retrieval Algorithm for Metaphor Framed Data

The first half semester of the second and third year is to study professional basic courses and laboratory courses; the elective courses of the last three semesters include 40 senior elective courses, including electronic materials and devices. . It should be said that this classification can cover many disease narratives, although most disease narratives are not written for a single purpose.

For example, in an influential autobiography of diseases published in China in 2011, This Life is Unfinished: The Life Diary of a Mother, Wife, and Daughter, this chapter proposes a multi-label image retrieval algorithm based on semantic clustering hashing. As shown in Figure 5.1, the SCBH model first uses a pre-trained convolutional network to perform feature extraction on the input image. From the perspective of the stage division of the process, the two paradigms of narrative and classification are: consistent. The completion of an exhibition needs to go through three stages of planning, design and implementation.

However, in the actual operation of each stage, the three stages are the construction methods that determine whether a narrative exhibition can be finally realized, and it is these methods that shape the different styles of narrative exhibitions. Including electronics, digital systems, microprocessors and computer programming; electromagnetism, power systems and energy conversion; continuous and discrete time systems; control and communication, etc., so that graduates have the following qualities. Set up multiple modules, divide training, and carry out knowledge education combined with "wide-ranging professional exchanges", so as to cultivate professional talents with "solid foundation, intensive practice, and high quality". At present, the course setting adopts three modules of signal processing and analysis, electronic circuit design and embedded system. A large-scale project is arranged for students. Divide students into groups of no more than 3 students per group. Ask students to design a circuit system with Matlab and calculate some parameters of the circuit.

### 3. CONCLUSIONS

This paper is based on deep semantic hashing. The image retrieval model DSHB. The success of deep convolutional neural networks has brought revolutionary changes to computer vision tasks, but in instance-level image retrieval tasks, deep convolutional neural networks are not ideal enough. The ability to integrate knowledge into problem solutions. Reviewing the literature and formulating solutions is the embodiment of cultivating the awareness of research skills.

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