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淮南子自然哲学思想研究

The Study on Huai-nan Tzu' Thoughts of Natural Philosophy

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## 内 容 摘 要

自然哲学是人对自然界的本质、发展规律、人与自然的关系以及自然科学的发展规律等方面的认识所形成的理论和观念的总称，而自然哲学思想是自然哲学产生、发展的思想依据、思想方法和动力因素，也包括科学技术理论体系中所蕴涵的思想精髓。《淮南子》一书以“道”为宗旨对儒、道、墨、阴阳等各家思想进行有机的融合，其含有丰富的自然哲学思想。目前，已有部分学者对淮南子的自然哲学思想进行研究，但还比较零散、薄弱，有待进一步深入。本文的主旨在于以《淮南子》的原始文本为基础，参照国内外学者有关淮南子自然哲学思想的研究成果，力图系统建构淮南子自然哲学思想的体系，并结合当今自然哲学所面临的理论和现实问题，对其中的思想和理论给予合理的诠释。

论文共分八章：第一章研究淮南子自然哲学的基础范畴，包括道、自然、理、数、阴阳、五行等，指出淮南子的自然哲学思想体系是以这些范畴为中心而构建的；第二章揭示了淮南子的气化宇宙演化理论以及天人关系的丰富内蕴；第三章分析淮南子认识论的成因、认识自然的方式以及是非观，重点研究“因虚守静而悟道”、“以镜观物”和“研几而知化”三种认识方式的思想源流、特点以及其对淮南子自然哲学思想形成所产生的影响；第四章研究《淮南子》一书中所蕴涵的隐喻与假说、类比与推理、分析与归纳等认识方法，并分析每种认识方法对淮南子科学技术体系的形成所产生的影响；第五章、第六章对淮南子的科学思想进行系统研究，分析了天文学、地理学、农学、医学等学科领域所蕴涵的思想基础、思想方法、动力因素以及思想精髓；第七章解读淮南子的技术思想，重点分析“重道轻技”与“重技轻器”的技术观念、经世致用的技术传统以及技术调控的思想对中国古代技术发展的影响以及现代意义；第八章是文章的结论，从内部机制和外部动力探讨淮南子自然哲学思想形成的规律、特征以及对中国古代科学技术发展所产生的影响。这样，本文通过对淮南子自然哲学思想作较为全面的考察和研究，在总体上对淮南子的自然哲学思想的价值和特征作出深刻而清晰的刻画。

全文旨在表明：（1）运用历史和逻辑相统一的方法解读淮南子的自然哲学思想有助于发掘其在中国哲学史和科学技术史中的意义和价值；（2）遵循事物客观实际的理性精神、在差异中寻求统一性的辩证思维以及批判继承的创造性思维，这些使

淮南子在继承前人自然哲学思想的基础上形成了许多新的观点和理论；（3）实用理性和人文理性的有机融合是淮南子自然哲学思想的精神特质；（4）自然哲学范畴概念在科学思想领域的渗透使科学的发展难以摆脱哲学的束缚；（5）学院派的集中研究方式有助于形成融合型的创新理论；（6）大一统政治的导向导致科学技术对政治的过分依赖，影响科学技术自主发展机制的健全。

**关键词：**淮南子；自然哲学；机制与动力

## Abstract

The natural philosophy is the summary of the theory and concept on the essence of nature, the law of nature's development, the relationship between human and nature, as well as the law of natural science's development. The thoughts of natural philosophy is the basis of thoughts, thinking methods and motivating factors of origination and development of natural philosophy, and it also includes the essence which science and technology theoretical system contains. The book of *Huai-nan Tzu* is the organic synthesis of various thoughts, such as Taoism, Confucianism, Mohist and the school named as Yin and yang, which is rich in natural philosophy. It plays a very important role in the history of Chinese philosophy and in the history of science and technology. At present, some studies on Huai-nan Tzu's natural philosophy from many angles have been done, but we can not find one book which focus on this field. So it is very important for us to make a systematic study on Huai-nan Tzu's natural philosophy. The paper's purpose lies in the construction of the Huai-nan Tzu's theoretical system of natural philosophy on the basis of related works of the domestic and foreign experts. We also try to give reasonable understanding to Huai-nan Tzu's thoughts and theory related to the problems faced by contemporary natural philosophy development.

The paper is composed of eight chapters. Chapter one discusses the basic categories in Huai-nan Tzu's natural philosophy, such as Tao, nature, Li, Shu, Yin and yang and five elements, on which Huai-nan Tzu's theoretical system of natural philosophy is based; Chapter two discloses Huai-nan Tzu's theory of universe's evolution based on Qi and the rich meaning of relation between Tian and human; Chapter three analyzes the causes of formation of Huai-nan Tzu's epistemology, the way of understanding nature and the view about correct and wrong, focusing on exploring the origination, features and influence on Huai-nan Tzu's natural philosophy of understanding nature, such as understanding Tao by keeping mind clean, viewing objects through mirror and speculating changes by probing into "ji"; Chapter four explores Huai-nan Tzu's methods of understanding nature which include metaphor, hypothesis, analogy, reasoning, analysis and summary, and analyzes their influence on Huai-nan Tzu's system of science and technology; The fifth and sixth chapters make a systematic research on Huai-nan Tzu's scientific thoughts, and discloses the basis of thoughts, thinking methods, motivating factors and essences of thoughts in

some disciplines, such as astronomy, geography, agriculture, medicine and so on; Chapter seven explores the Huai-nan Tzu' technological thoughts, focusing on analyzing the influence and significance of the technological tradition of stressing practical value, the thoughts of technological management and control and the technological view that Tao is more important than technique and technique is more important than tools; Chapter eight which is a summarized one, discloses the impetus and mechanism of development of Huai-nan Tzu' thoughts of natural philosophy. In this way, Huai-nan Tzu' thoughts of natural philosophy have been investigated and explored thoroughly, which helps us make a profound and clear portrait of values and features of Huai-nan Tzu' thoughts of natural philosophy.

There are six aims in the paper. Firstly, it helps us to find the significance and values of Huai-nan Tzu' thoughts of natural philosophy in the history of Chinese philosophy as well as in the history of science and technology by interpreting the book *Huai-nan Tzu* with historical and logical methods. Secondly, Huai-nan Tzu' rational spirit of pursuit of truth, dialectical thinking in search for unity from differences and creative thinking of critical inheritance bring about his innovative contributions based on predecessors' theories and thoughts. Thirdly, the pragmatic and humanitarian rationality is the prominent character of Huai-nan Tzu' natural philosophy. Fourthly, scientific thoughts is penetrated with the concept of natural philosophy, which makes science difficult to shake off the shackles of philosophy. Fifthly, the concentrated studying style helps to produce fusion-type innovative theory. Sixthly, the unified political direction leads science and technology to the excessive reliance on the political structure and policies, which affects the sound development mechanism of science and technology.

**Key words:** Huai-nan Tzu; natural philosophy ; mechanism and impetus



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