

综述·探索

“信息-知识-智能”生态意义下的知识内涵与度量

钟义信⁺

北京邮电大学 智能科学技术研究中心, 北京 100876

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摘要 探讨在知识生态(包括内生态和外生态)系统意义下的知识概念、分类、描述和度量方法。结果表明,知识的度量与全信息的度量具有内在联系。这种联系将为进一步研究知识理论以及建立信息、知识、智能的统一理论提供良好的基础。

关键词 [外生态\(信息-知识-智能\)](#) [内生态\(本能-经验-知识-常识\)](#) [知识度量](#)

分类号

Knowledge concepts and measures in views of information-knowledge-intelligence ecosystem

ZHONG Yixin⁺

Centre of Intelligence Science Technology, Beijing University of Posts and Telecommunications, Beijing 100876, China

Abstract

The concepts, categorization and representation of knowledge in views of the macro and micro ecosystem of information-knowledge-intelligence are presented, and the quantitative measures for various categories of knowledge are established. It is seen that the measures of knowledge are closely related to that of comprehensive information to certain extent. The relationship between the knowledge measures and the measures of comprehensive information, may provide a sound base for further investigation of the theory of knowledge as well as the unified theory of information, knowledge and intelligence.

Key words [macro-ecosystem of knowledge \(information-knowledge-intelligence\)](#) [micro-ecosystem of knowledge \(innate-empirical-regular-commonsense\)](#) [measures of knowledge](#)

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通讯作者 钟义信 [E-mail: yxzhong@ieee.org](mailto:yxzhong@ieee.org)

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