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Research on Reliability of Knowledge-Updating in A Kind of Network Knowledge System

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Author(s)

Jinghu Shen, Zhe Yin, Yun-fei Guo

ABSTRACT

The definition of reliability of knowledge-updating in network knowledge resource management system (NKRM system for brief) has been given in this paper, which has important reference value to the evaluation of NKRM system. Besides, two kinds of models in NKRM system have been introduced. And one of the most common methods to improve reliability is the redundant technique. However, reliability and efficiency are inconsistent each other. By treating each knowledge as one part of the system, this paper proposes method of joint reserve of knowledge that may resolve this problem.

KEYWORDS

Reliability, Redundant, Knowledge Resource Management, Joint Reserve

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References

- [1] R. Moore, " Establishing an Inventory Management Program," *Plant Engineering*, Vol. 50, No. 3, 1996, pp. 113-116.
- [2] P. Flint, " Too Much of a Good Thing: Better Inventory Management Could Save the Industry Millions while Improving Reliability," *Air Transport World*, Vol. 32, No. 9, 1995, pp. 103-106.
- [3] B. Foote, " On the Implementation of a Control-Based Forecasting System for Air-Craft Spare Parts Procurement," *IIE Transactions*, Vol. 27, No. 2, 1995, pp. 210-216. doi:10.1080/07408179508936733
- [4] J. T. Luxhoj and T. P. Rizzo, " Probabilistic Spaces Provisioning for Repairable Population Models," *Journal of Business Logistics*, Vol. 9, No. 1, 1988, pp. 95-117.

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