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## 文章摘要

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叙词表融合方法研究

### A Method for Thesauri Merging

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英文关键词: [Thesauri merging](#) [Semantic relationship](#) [Concept mapping](#)

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中文摘要:

多表融合过程中可能产生概念界定不一致,语义关系矛盾冲突、相互缠结的问题,加上多人协同工作模式的复杂性,致使知识存为困难。从逻辑角度对“概念”、“词汇”及概念间“关系”进行界定,提出多表融合的技术路线。多表融合以多表概念映射为前群构成的复杂性,需要对closeMatch映射进行语义分析,以区分出exactMatch映射。概念合并和新关系生成可能引发多种逻辑问题:突、等级关系循环、等级关系冗余、兄弟概念互参、上下位概念共参、交叉互参、等级关系多路径。这些逻辑问题可被区分为两大类:逻辑优化,并进一步影响逻辑问题的解决步骤。讨论了多人协同工作模式下叙词表的数据锁定机制。图9。表1。参考文献11。

英文摘要:

In thesauri merging, the inconsistency of definitions of concepts and the conflicts or entanglement of semantic relations would be difficult to reorganize the concepts and relations especially under the collaborative working mode. So, it is very important to develop a technology platform to support the process of thesauri merging. This paper has defined “concept”, “term”, and “relation” from a logical point of view. Concepts mapping between different thesauri is pre-stage of multi-thesauri merging. Because of the complex of “Terms-Group” members, it is necessary to analyze the semantics of “closeMatch” concepts, in order to distinguish “exactMatch” concepts. Concepts merging and new relationships establishment may lead to occurrence of logical problems: conflict, hierarchical relations cycle, hierarchical relationships redundant, sibling concept associated mutually, broader concept narrower concepts associated mutually, cross-associated mutually, multi-path hierarchical relationships. The logical problems are divided into two categories: logic errors, logic optimization. It would affect the choice of solving steps of the logic problems. Locking mechanism of thesaurus data under multiplayer mode also be discussed. 9 figs. 1 tab. 11 refs.

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