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## 文章摘要

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DDC到《中图法》类目映射方法研究

### The Study of Ways of Mapping between Chinese Library Classification and L

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中文关键词: [DDC](#) [《中图法》](#) [类目映射](#) [直接映射](#)

英文关键词: [DDC](#) [Chinese library classification](#) [Category mapping](#) [Direct mapping](#)

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中文摘要:

对于中外分类法的映射研究,国内多关注于对计算机自动映射方法的探讨,缺乏对词表类目复杂语义关系的具体研究。本文在《中图法》理学领域共计4639个类目进行人工直接映射的基础上,通过统计其匹配依据,得出结论:理学类目下数学、物理、化学、地理等不同学科内匹配依据的总体分布呈现一致性的特点,这为检验计算机自动匹配准确性提供了方法。实验表明,类目名称、注释、类目关系作为主要的判断依据,占映射类目的63%,依据匹配规则占映射的5.14%,依据书目记录的匹配占31.87%,因此论文建议自动匹配时,除类目自身信息外,还需考虑书目记录的匹配。图4。表2。参考文献6。

英文摘要:

The domestic research of mapping between Chinese and foreign classification categories focuses more on computer automatic mapping, but less on the complex semantic relations. On the basis of human intelligent direct mapping in the field of science categories between DDC and CLC, which sums to 4639 categories, this paper has made some conclusions by calculating the bases of direct mapping as follows: the distribution of the bases of mapping has presented uniformity in the field of science like mathematics, physics, chemistry, astronomy and geography, which provides a method to test the precision of automatic mapping by computer. The experiments show that the name of categories, notations, subject vocabularies, and semantic relationships, as the important basis for judgment, account for 63% of total mapping categories, mapping regulation of categories account for 5.14%, and bibliographic records for 31.87%. So it is suggested to not only take the information of categories itself into account, but also consider bibliographic records during the automatic mapping by computer. 4 figs. 2 tabs. 6 refs.

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