以社會網絡技術提供適性測驗系統選題策略的修正方向

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摘要

In recent years, more researchers choose to use information technology into test environment, this is makes the results of experiment more efficient. In the past, some researchers developed a test system based on concept of Adaptive Test (PPATS). Although the system has been shown to retain the confidence of students and can improve the learning performance effectively, but we still do not understand the relationship between items. Therefore, this study uses an aspect based on the social network technique to find out the reasons and similar characteristic between items which have the high relations. The purpose for this is to provide a strategy for teachers to adjust and improve the way whiles selecting items. Finally, this study observes that the Bloom's Taxonomy is the obviously main reason for high relation between items, especially in the [Conceptual] [Remember], those items are easy to produce high correlation.

關鍵字：Computer Adaptive Test; revision of Bloom's taxonomy; Social Network Analysis