

The Learning Analysis System Integrate with S-P Chart and Rule-Space Model

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Abstract

In traditional instruction, teacher always comprehend with learning situation of students from the assessment. They only got less information from the score or the answers that not enough to understand the learning efficiency of student. In our research, we integrate two methods to analyze students after they finished the exam. First, S-P chart could classify the learning types for each student. Second, Rule-Space model could know the concept that student did not master. The proposed tutoring system can diagnose student answers and provide some personal suggestions to each one. The diagnosis suggestions could help students review the misconceptions quickly. Teachers could design test item and papers and students attend the assessment and review the history records in our system.

Keyword : SP Chart, Rule-Space Model