

研究業績 英文表記

和文	
表題	授業改善のための Connected Data System の構築に向けた基礎研究
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英文	
Title	A Basic Study on establishing Connected Data Systems for Improving Classroom Instruction
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Abstract	<p>Student feedback in the form of teacher and course evaluations are collected at the end of every term and stored on the university data banks. While this system seems convenient, it is also problematic particularly if teachers want to improve on specific aspects of their classroom instruction, but are easily discouraged due to the large amounts of data that need to be selected and analyzed. Therefore, we suggest an alternative approach of collecting student data during class time.</p> <p>This research explores the kind of data instructors should collect from students during class time and how to use this data to better understand their attitude and behavior towards a particular class. This research consists of 4 stages:</p> <ol style="list-style-type: none"> 1) Executing an easy-to-use student survey focusing on: the student's purpose for entering the university, their feelings about the university and their vision for the future. 2) Using the answers from the survey during class time to encourage student participation. 3) Executing the student's evaluation of a class and analyzing any relevance between the answers on the survey and the evaluations. 4) Using the data from 2) and 3) to improve classroom teaching. <p>The data collection during the appointed class times occurred over a 2-year period and the results showed a strong correlation between increased positivity in student attitude and behavior, and improvements in the teaching techniques that were implemented. In closing, we propose establishing a system of collecting and connecting small amounts of data from classrooms in order to facilitate improvements in the quality and delivery of our instruction.</p>
keyword	Students' understanding, IR for education, Connected data system

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