Research on a Self-Study Support e-Learning System

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Abstract

We introduced a streaming system that provides both the image of the teacher operating the computer and the voice of the teacher giving instructions, in a computer literacy class.

We made a list of key points of instruction and presented it to the students through the system. The main purpose of this system is to support the student's self-learning. We conducted a questionnaire survey to receive the feedback of the students who used the system. The results of the survey show that there are a lot of students who hope to use this system for self-study. On the other hand, the survey shows that the purpose of the system is not sufficiently recognized by the students who are not accustomed to using computers.

This report first outlines the process of producing teaching materials for the streaming system. It discusses the advantages of using the materials for classroom instruction and examines some problems.