

عنوان مقاله:

Automated Constructivist Learning-Development of a Model

محل انتشار:

اولین کنفرانس بین المللی مدیریت در قرن ۲۱ (سال: 1393)

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خلاصه مقاله:

Constructivism is a learning theory in which learners construct knowledge through interaction with environment. Many researchers have suggested that constructivism should apply in online tutoring. Thus, this paper attempts to propose a new constructivist tutoring system architecture. The authors develop the connection between constructivism and adult learning tutoring system. The purpose of this paper is to design a general framework for building an online constructivist learning application. Therefore, we have investigated existing models and summarized three more relevant architectures that have been used in this context. From the results of the analysis, Automated Constructivist Learning (ACL) has been proposed. Then the constructivism and bloom taxonomy implications for the proposed model have been described. At the end we have designed the system architecture by using the abstract components

کلمات کلیدی:

online tutoring, constructivist, online learning, bloom taxonomy, intelligent tutoring systems

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