
Combining automated tutorials based on a semantic network of concepts

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An algorithm of consolidation of computer-aided tutorials based on semantic network of concepts is offered. Elements required for the algorithm implementation of formalized model of such tutorial are considered. The classification of model elements is suggested that organizes model elements into three classes: elements with partial equivalence, elements without partial equivalence, reference elements. For each class of elements a special type of consolidation algorithm is proposed. Algorithm allows for tutorial developers to change educational course independently and after that consolidate changes into single course.

Keywords: *computer-aided tutorial, semantic network of concepts, educational course element, partial equivalence, algorithm of consolidation.*

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