PEDAGOGY (specialty 13.00.08)

Bobrova N.V. Construction of maths electronic textbook model in terms of individual characteristics of students

The possibility of including an electronic textbook of mathematics into a real process of education is connected with some conditions. The first condition is the creation of a model or, in other words, the elaboration of an electronic textbook of math's structure, the use of which let us take into consideration. The second condition is the elaboration of contests of this model. The purpose of this article is the revelation of the mechanism of the creation of an electronic textbook of math's model. In the article the main structural components of an electronic textbook are revealed, the main contacts between structural components are shown, the realization of methodics purposes put into functional purpose of every component of the structure is set, the specific features of every structural component are revealed. The main conclusion of this article is: an electronic textbook of mathematics must be the means of control, show all elements of educational content, model the trajectory of the content of a certain student; manage the activity of students according to the chosen trajectory of the content which corresponds to the individual features of a student.

<u>Key words:</u> electronic textbook of mathematics, structural components, individual peculiarities of students.

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July, 10, 2011