

Methodological foundations of teaching methods of mathematics

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Abstract: In this study we consider methodological issues study methods of teaching mathematics and the possibility of further improvement. We consider the problem of methodology of teaching mathematics as a problem of the theory of methods of teaching mathematics in general.

Methodological and methodical training of teacher begins with a study of textbooks, teaching and methodical manual subject, but the available text books and educational manuals on teaching mathematics are not sufficiently reflected methodology techniques[1, 2]. Therefore, this study opens up subject and object of methodical science, research methods are described, gives information on the nomination of hypotheses, designing forecasts, development and formulation of solutions of methodical tasks, conducting experimental work, etc.

Keywords: the methodology of mathematics, teaching methodology of mathematics, methodological preparation of teachers, subject and object of methodical science, research methods.

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