

Qualitative and Quantitative Pedagogic Methods of Investigating Students' Creative Abilities

Abstract. The paper investigates the qualitative and quantitative research methods, their application fields, advantages and limitations. The author argues that, in spite of the high capabilities of modern mathematical apparatus and information technologies, the qualitative research methods still retain their priority in pedagogy. The examples of comparative experimental analysis are given demonstrating the lack of universality typical of the quantitative methods.

Both methods are generally applied as the separate procedures; however, there are some modern research methods integrating the above approaches. The paper demonstrates such integration by means of the Semantic Differential Method implemented in the students' creativity studies in the Grammar school of Tyumen State University. The research materials can be of interest to specialists in education and pedagogy exploring the students' creative abilities.

Keywords: qualitative methods, quantitative methods, creativity, statistical conformities, functions of research methods.

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