



Implementación de un Programa de Formación del Docente de Matemáticas para la Enseñanza de la Geometría con el Apoyo de las TIC [

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text (article)

Analítica

TIC, in the teaching-learning process are constantly on the rise and using them as a methodological tool in mathematics presents a teaching challenge, because it is an abstract science and because in the formation and execution of the contents they are complex that require classroom pedagogical innovation. This research is oriented towards a quantitative approach, with a quasi-experimental design with pre-test and post-test, descriptive, correlational and explanatory, where the sample of the study population was obtained by applying non-probabilistic sampling, obtaining the participation of 10 teachers and 30 students. A proposal is projected which entails the development of 12 sessions for the execution of the contents. Based on the results, it is concluded that more than 75% have not participated in training sessions, however, they do recognize it as a necessary technological resource in the basic education of students, similarly allowing the use of innovative strategies, supported With the use of technological tools, they allow improving the teaching-learning process of Geometry in students

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