## MATHEMATICAL PREPARATION OF STUDENTS OF TECHNICAL HIGHER EDUCATION INSTITUTIONS ON THE BASIS OF INNOVATIVE TECHNOLOGIES AS A PEDAGOGICAL PROBLEM

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## **ABSTRACT**

The article gives information about an important role of modern technologies and information technology but they are not used to teach higher mathematics at Universities and its methodology has not been produced yet. That is why, this article reveals the problems of creating new system of teaching mathematics with the help of technologies and introduce new innovations and information technologies into practice.

**Keywords:** Information, information technologies, innovation, innovative technologies, to model, education, process of education.