ABSTRACT:
Teachers of mathematics can use modern technology to improve lessons and make them more interesting. The present work focuses on the usage of GeoGebra as a graphical solution for selected parametric problems. Data for this work was collected from mathematics textbooks, and internet sources, among others, were used as an inspiration. The work briefly describes GeoGebra software, its features, history and also the community that uses it. The main purpose of the work is to use GeoGebra to solve problems from the domain of geometric constructions and analytic geometry in such a way that shows the main advantages in comparison with the classical solution. In the present work, five mathematical problems are thoroughly analyzed and, for each problem, a set of illustrative examples solved in GeoGebra is provided.

KEYWORDS:
GeoGebra, parametric problems, graphical solutions