

Solving Extremum Problems in Elementary Mathematics through Dynamic Software

Iordanka Gortcheva

Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences
e-mail: gortcheva@math.bas.bg

Abstract

Several problems from high school mathematics on finding minimum or maximum are discussed. The focus is on students' approaches and difficulties in identifying a correct solution and how dynamic software can help.

Key words: Elementary mathematics, Dynamic geometry, Extremum problems