

**ZMATH 2010d.00475**

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**Information technologies (Equation Grapher) in teaching of linear and quadratic functions.**

Acta Didact. Univ. Comen., Math., No. 7, 1-22 (2007).

Summary: The aim is to summarize all possibilities of Information Technologies (IT) using in teaching of mathematics in the didactic situation of acquirement. The autor depicts a contemporary state of IT use in teaching in Slovakia and in foreign countries. She further acquaints the reader with the results of the experiment, the goal of which was to use the Equation Grapher program in teaching of linear and quadratic functions.

*Classification:* I20 U70 D20

*Keywords:* information technologies; equation grapher; linear functions; quadratic functions; software; graph of a function; computer as educational medium; comparative studies