

## Abstract

The aim of the work is to acquaint the readers in a basic way with the most often used withdrawable geometrical programs Geogebra, GEONExT and Cinderella. Emphasis is laid on one of these programs, the dynamic software GeoGebra. A reader is familiarized with the background of the program, the program's options and web promotion (including the available educational and methodical materials). The educational potential of the program is shown by means of numerous diverse applets not only from the field of geometry. One chapter is dedicated to the former versions of the Geogebra program too and through this chapter the direction in which the program will be developing in the future can be followed as well. Subsequently, the work also presents the other programs of dynamic geometry: GEONExT and Cinderella. In the final part of the work the programs GeoGebra, GEONExT and Cinderella are compared with the Cabri program, which has already had a long tradition in the Czech Republic.