

Development directions of GeoGebra and its community

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GeoGebra (<http://geogebra.org>), a free, open-source, dynamic mathematics software, is rapidly gaining popularity in the teaching and learning of mathematics around the world. Currently, GeoGebra is translated to 58 languages, used in 190 countries, and downloaded by approximately 400,000 users in each month, and clearly making an impact on mathematics education in most countries. This increased use compelled the establishment of the International GeoGebra Institute (IGI) that serves as a virtual organization to support local GeoGebra initiatives and institutes. There are already 98 institutes in 75 countries, which pursue training and support of teachers, develop teaching materials, and carry out research projects. In this talk, I will review examples of applications of GeoGebra at different levels of education from around the world and the development directions of the software and its community.