

## GeoGebra 4

- We have fixed some bugs and improved the translations in GeoGebra 4. If you have the [installed](#) or [portable](#) version, you may want to upgrade to the latest revision.
- The [Translation Tool](#) now allows you to **just drag to clone an object!**
- For **network administrators**, we now have an [MSI Installer for GeoGebra 4](#) available for testing

## GeoGebra 4.2 Beta

- [GeoGebra 4.2 Beta](#) now has a **Freehand Tool** so that you can draw your own function and then look at function transformations eg  $f(2x)$ . There are also some new commands to try (eg TriangleCenter, TriangleCubic, Barycenter, SurdText).
- Now that GeoGebra 4 has been released, we are working hard on **GeoGebraWeb**, so you can use GeoGebra worksheets from GeoGebraTube on tablets and phones. Progress is good and there should be some visible results by Spring 2012.

## GeoGebra 5 Beta

- [GeoGebra 5 Beta](#) has some improvements (eg angles) and new commands (eg Cube, Octahedron) for 3D geometry.

## Tutorials & Materials

- [The drop of water](#) Amazing 3D ripple construction from Daniel Mentrard
- [Simple Dynamic Text in GeoGebra 4](#) by Arthur Lee
- [A Problem with My Tie](#) by Mr Wang
- [Exploring Hopf bifurcations with GeoGebra 4](#) by Steven Strogatz
- [Clovers and Polar graph](#)
- [The idea of limit in differential calculus](#)

## GeoGebra Book & Community News

- Book on GeoGebra: [Model-centered learning: Pathways to Mathematical Understanding Using GeoGebra](#), Lingguo Bu & Robert Schoen (Eds.), Sense Publisher
- Book on GeoGebra: [HUELLAS MATEMÁTICA](#), written by Fernando Chorny, Pablo Casares & Claudio Salpeter, coordinated & supervised by Nora Legorboru & Ruth Schaposchnik
- Book on GeoGebra: ["La Nuova Geometria del Compasso", Le costruzioni di Lorenzo Mascheroni utilizzando il software GeoGebra](#), written by F. Fabrizi & P. Pennestrì, coordinated by Prof.ssa Noemi Stivali
- Sign up for the [Midwest GeoGebra Journal](#). They are currently recruiting volunteers to review manuscripts for the journal for publication in Spring 2012 and looking for [funding](#) so that the [GeoGebra Midwest Conference](#) can be free for participants

## GeoGebra in the Media

- [Market tools supporting learning](#) in Khoahoc Pho Thong
- [GeoGebra...We've come a long way since graph paper!](#) in Mr. Nebz's Blog
- [Content aggregation tools renewed](#) in The Hindu
- [15 Reasons Why GeoGebra is Successful](#) in Mathematics and Multimedia

## New GeoGebra Institutes

- [GeoGebra Institute of Prague](#), Czech Republic
- [GeoGebra Institute of Maine](#), Maine, USA
- [GeoGebra Institute of Chaco](#), Argentina

## Future Events

See our [Events Map & Calendar](#) for a complete list of upcoming workshops and conferences as well as for proceedings of past conferences.

### *Dec*

- 7 Dec 2011: GeoGebra-Tag in Klagenfurt, Austria
- 14 Dec 2011: [GeoGebra Seminar in Math House](#), Teheran, Iran
- 15 Dec 2011: [GeoGebra for Beginners](#), Walsall, UK
- 17-19 Dec 2011: [Asian Technology Conference on Mathematics](#) in Hsinchu, Taiwan

### *Jan 2012*

- 25 Jan 2012: GeoGebra Workshop, Bad Ischl, Austria
- 28 Jan 2012: [Introduction to GeoGebra](#), Liverpool, UK

## Other Conference Dates

- Deadline for Submission of proposals for Posters and Exhibition to IPC chair for [ICME 2012](#) is December 15, 2011
- Deadline for Paper submission deadline for [Spring International Conference on Engineering Education in Xi'an, China, May 26-29, 2012](#) is January 15, 2012
- [SIGMAA on RUME in Portland, Oregon, US, February 23-25, 2012](#)
- [TIME2012](#) (Technology and its Integration in Mathematics Education), July 10-14, 2012 in Tartu, Estonia, Contact: [Josef Böhm](#)

## Happy New Year

The GeoGebra Team wishes you a happy new year 2012!