JKU
JOHANNES KEPLER
UNIVERSITÄT LINZ

GeoGebra

News & Future

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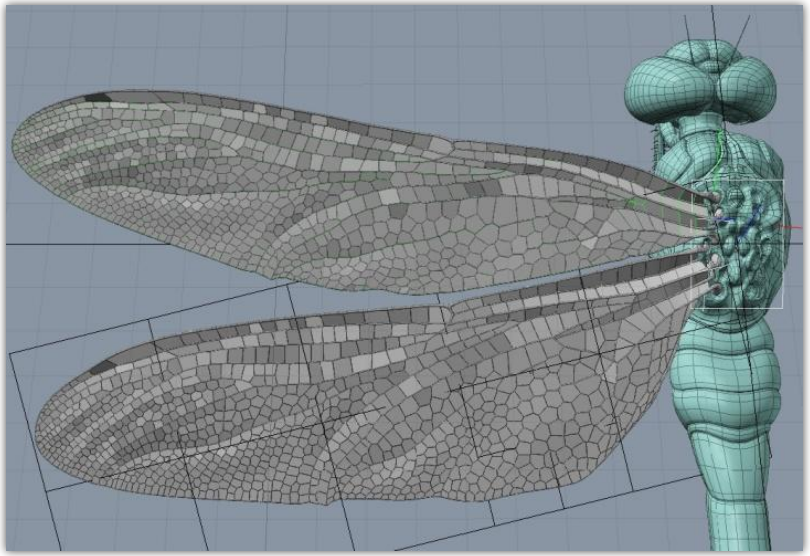
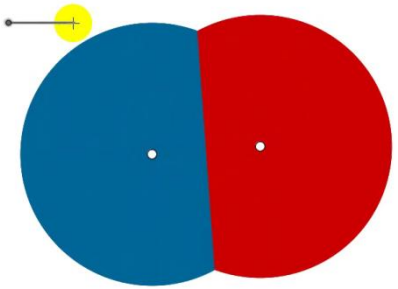
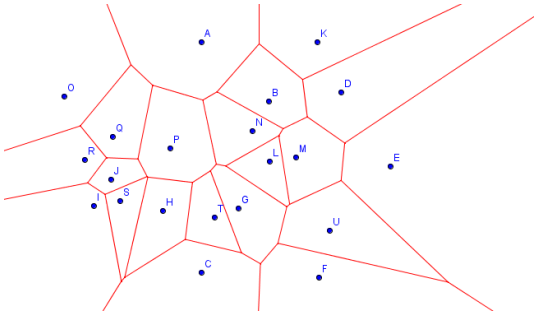
Mathematics Education, JKU Linz
www.geogebra.org

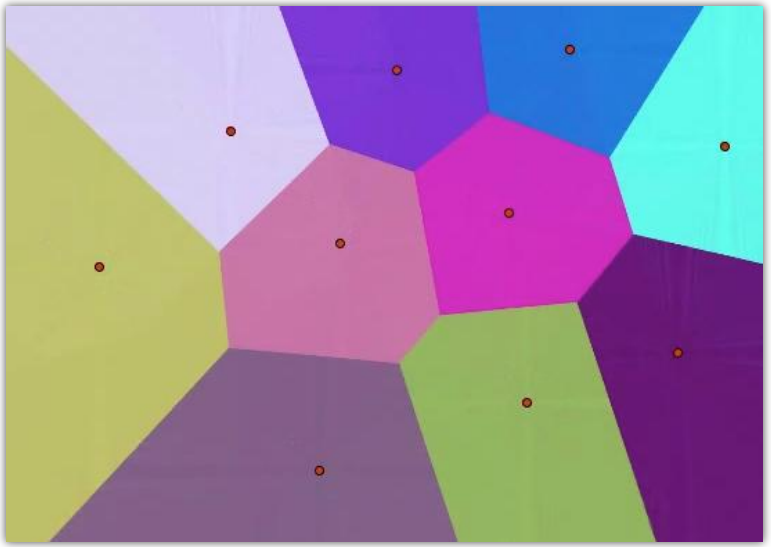
New in **GeoGebra 4**

Dragon Flies & Mathematics

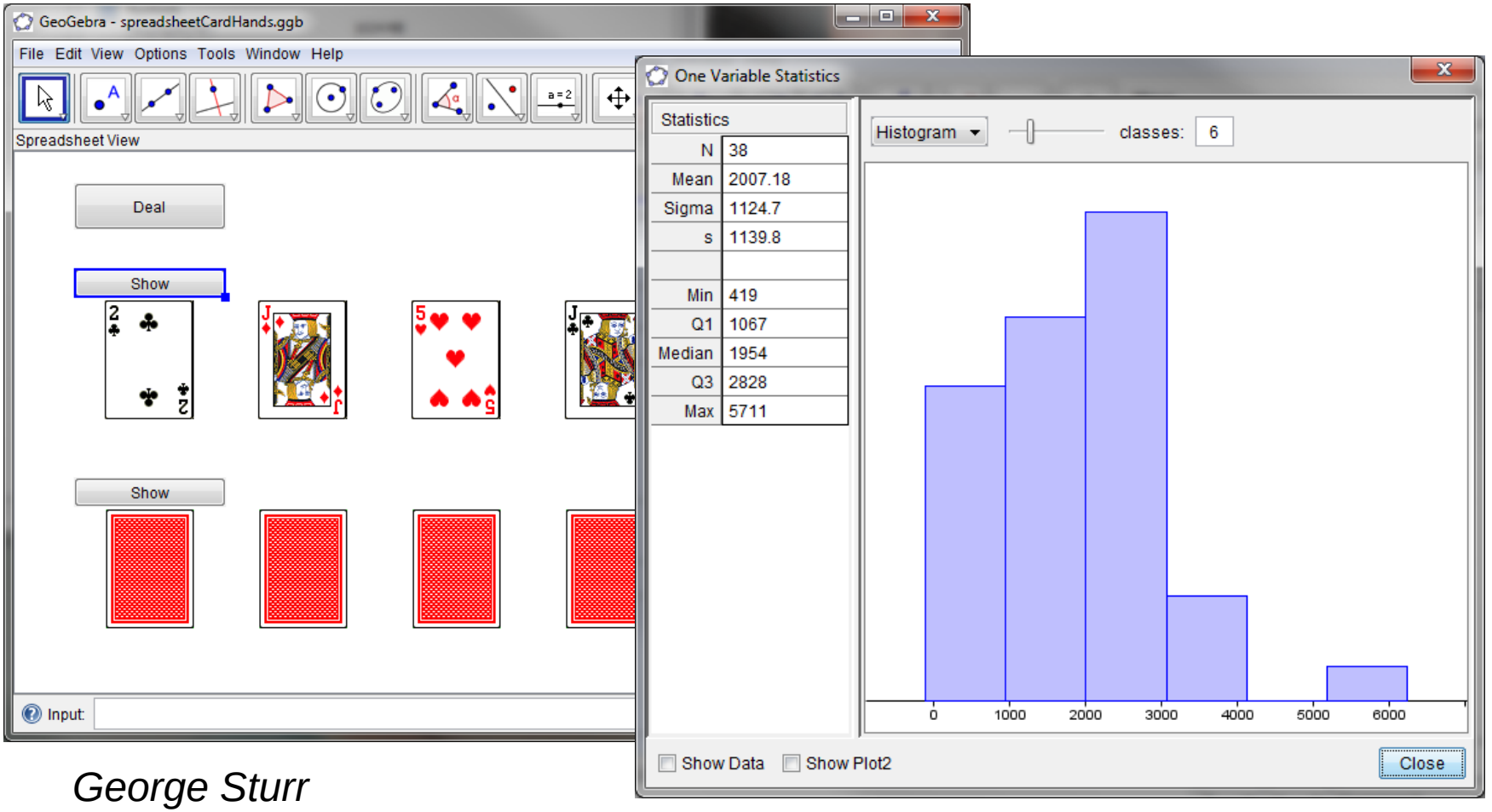






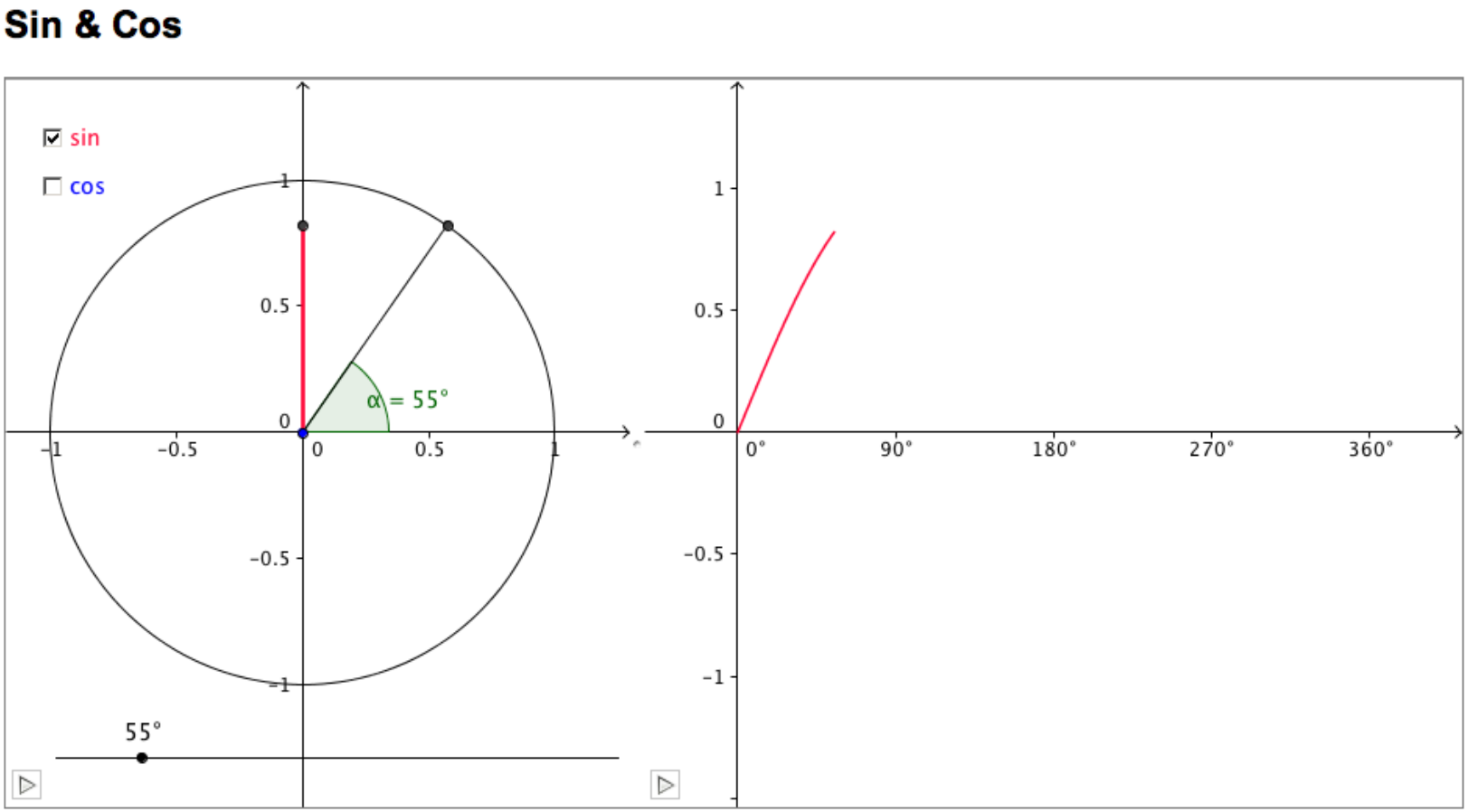


GeoGebra‘s Spreadsheet

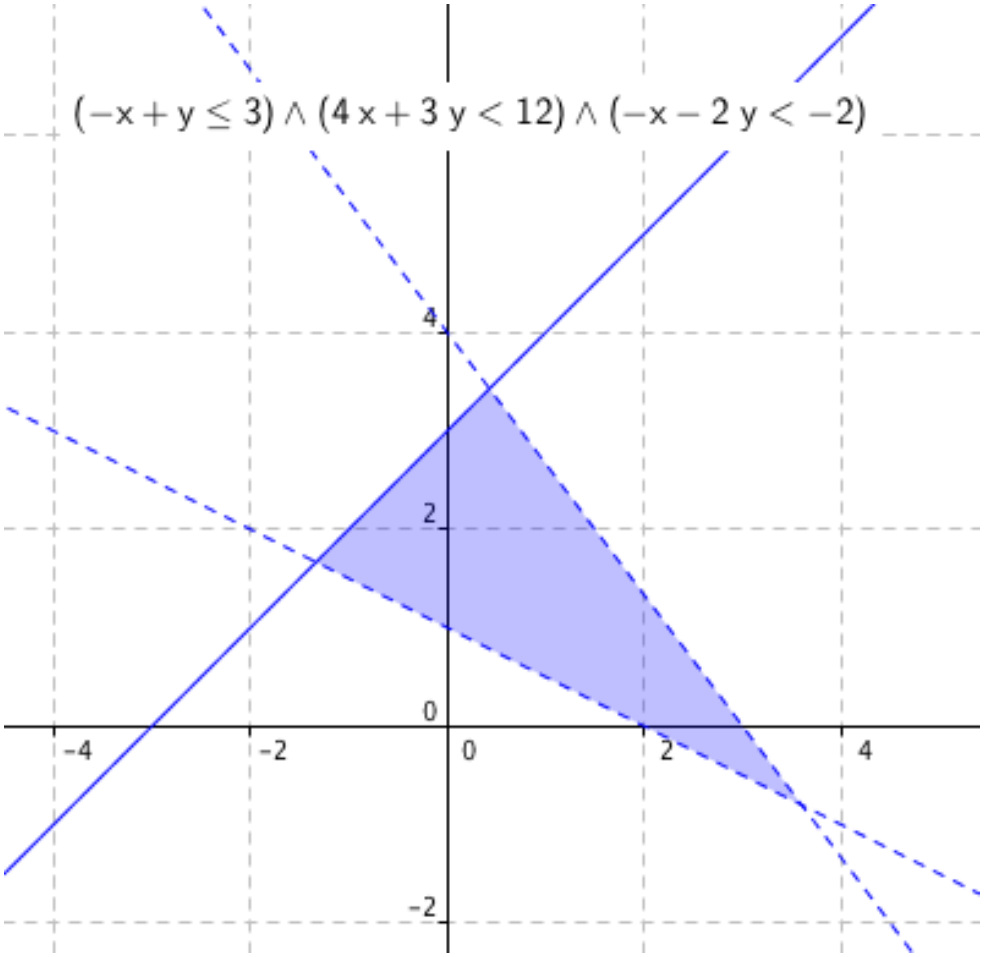


George Sturr

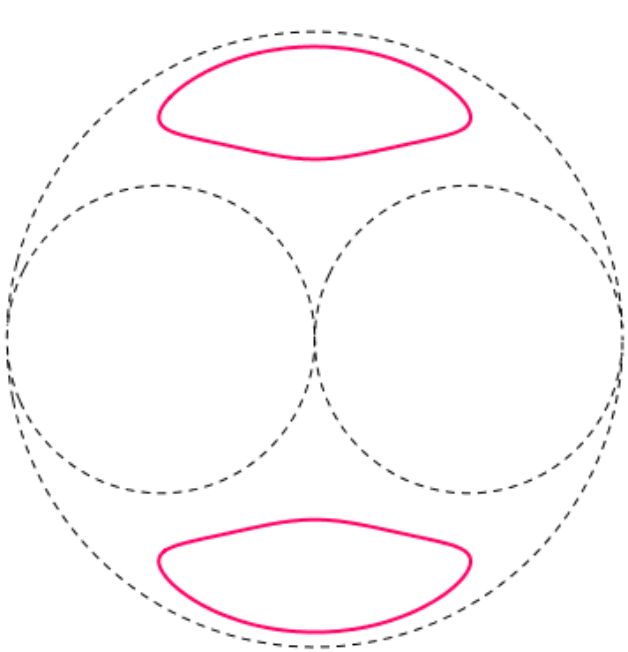
Two Graphics Views

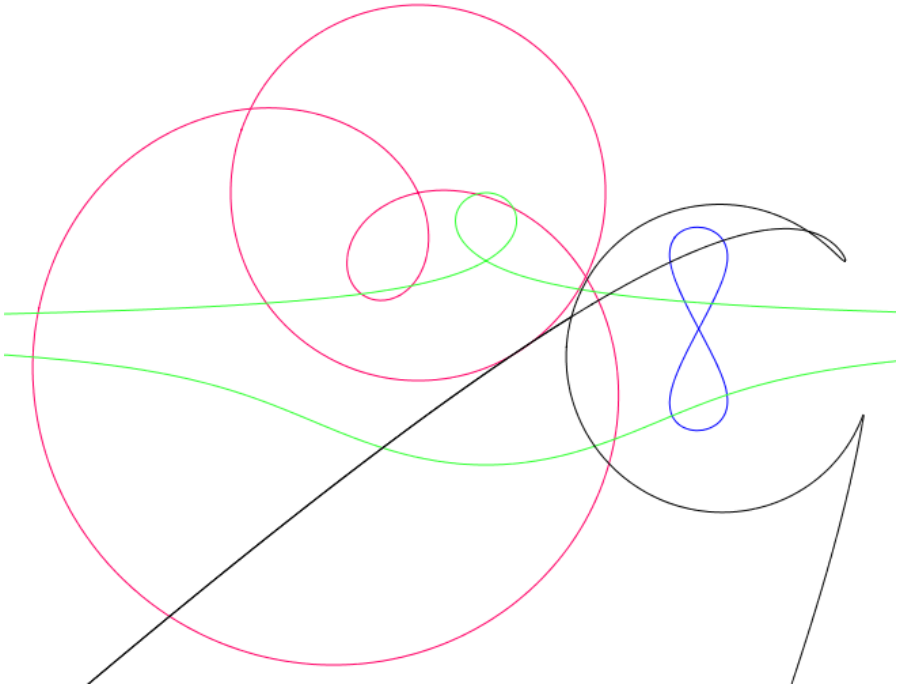


Inequalities



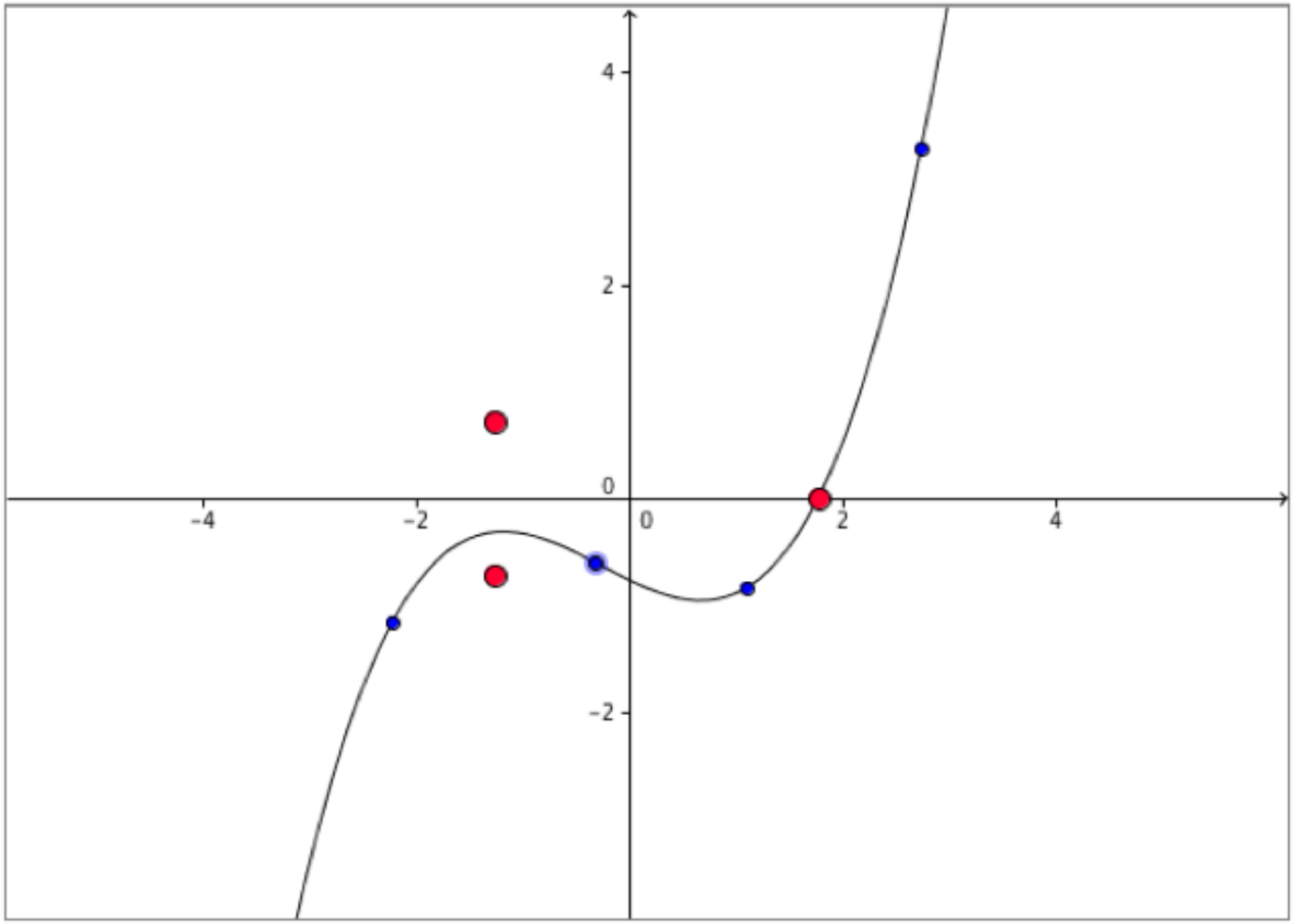
Implicit Curves: f(x,y) = 0





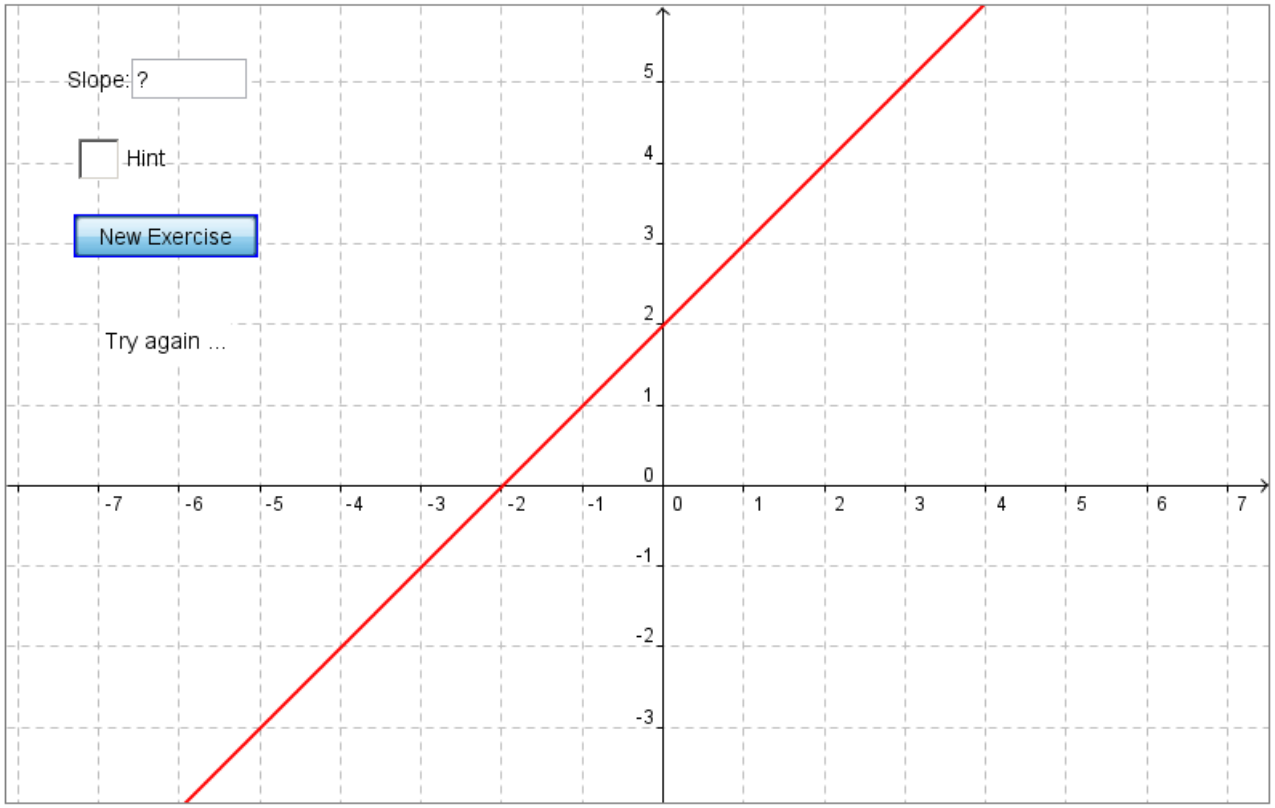
Philipp Birklbauer, Darko Drakulic

Complex Roots



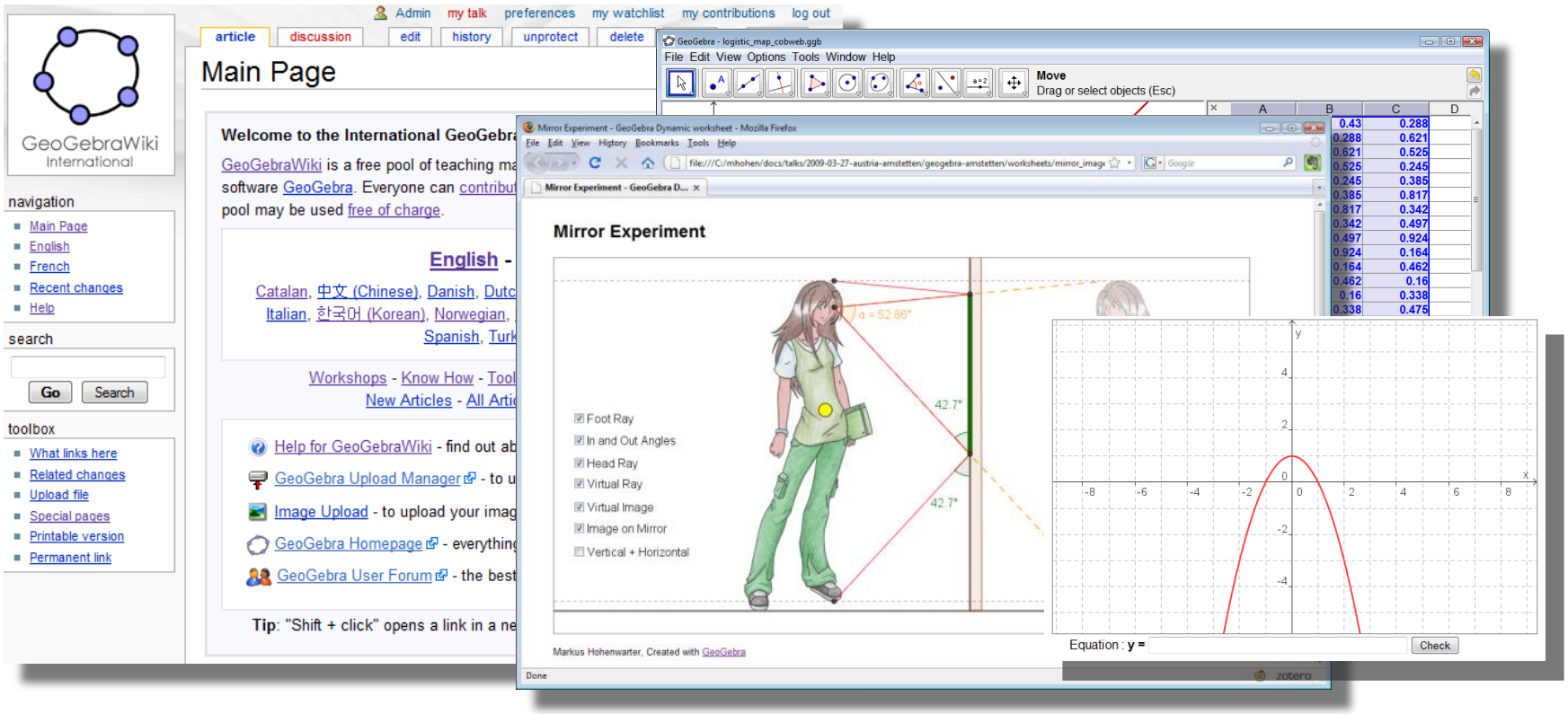
Randomized Exercises

What's the Slope of this Line?



03. November 2011, Created with GeoGebra

Past: GeoGebraWiki



15,000 Learning Objects in 50 Languages

Now: www.GeoGebraTube.org

Florian Sonner, Arpad Fekete, Judit Elias

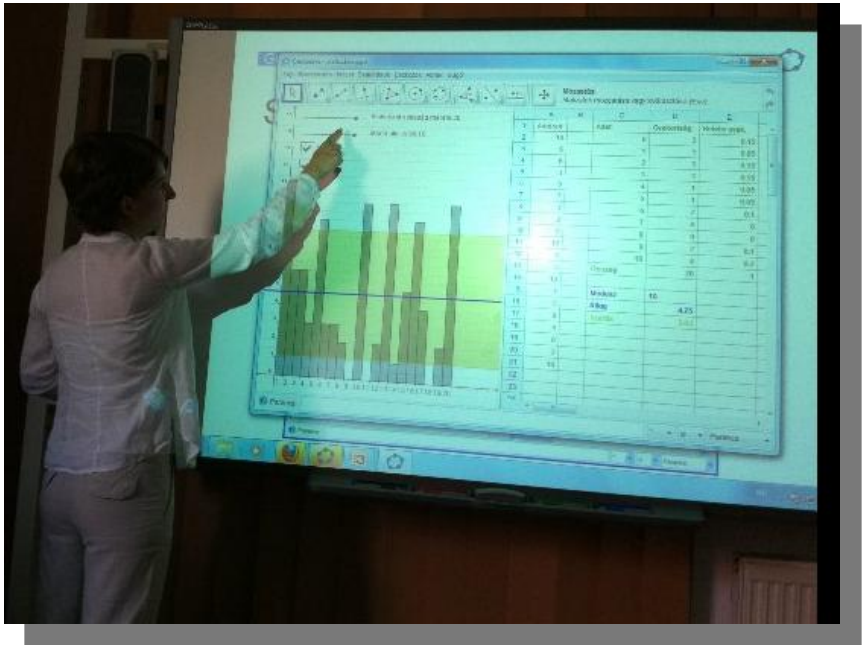
- Sharing Platform
- Direct Upload from GeoGebra 4
- Rate
- Comment
- Embed

Future
Current Projects

GeoGebra Student Projects

- Google Summer of Code
- 2010: 5 Students
- 2011: 13 Students

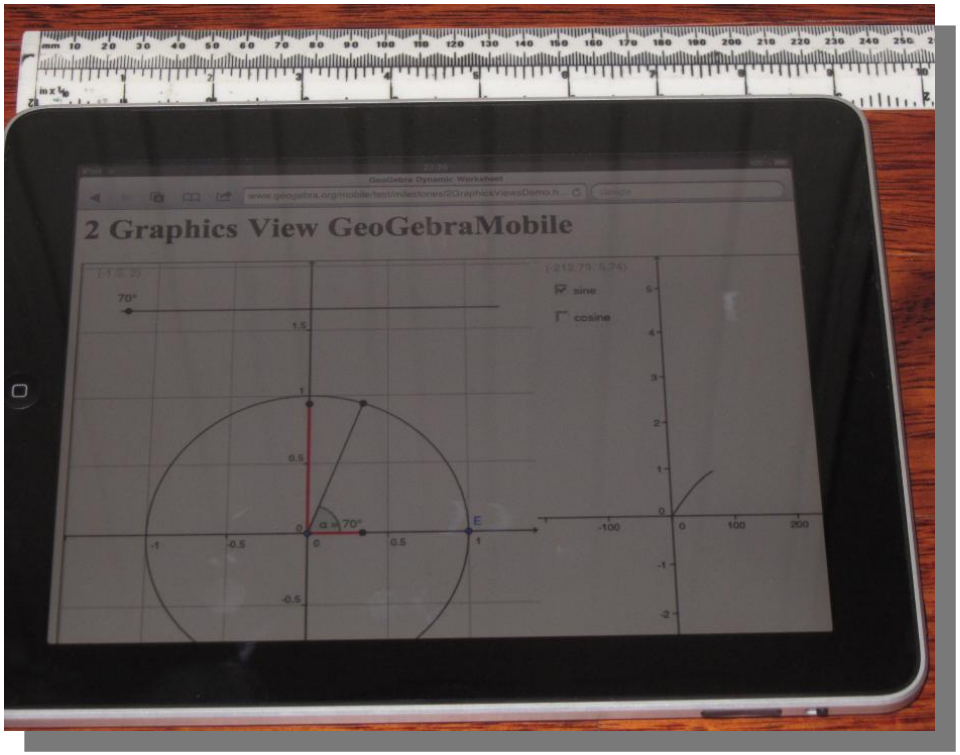
GeoGebra & Interactive Whiteboards



- Adapt GeoGebra for IWBs and Tablet Computers
- Cooperation with Smart Technologies

Michael Borcherds, Corinna Kröhn

GeoGebraWeb & Mobile

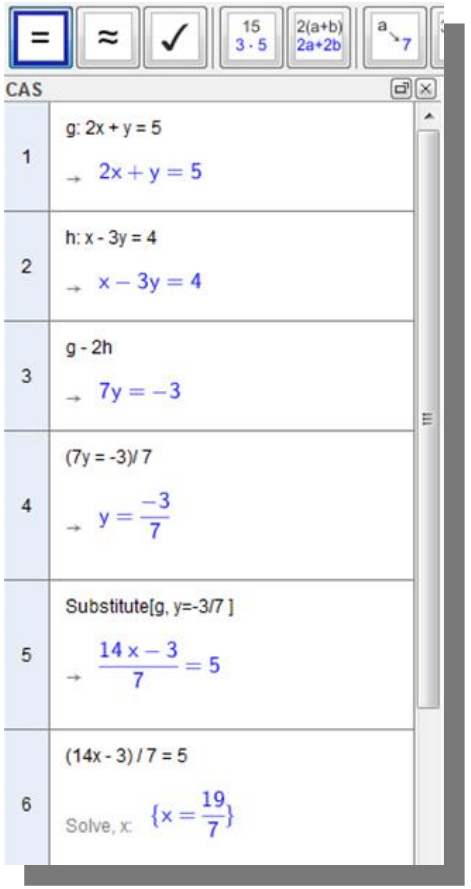


- GeoGebra Applets for Smartphones
- iPhone, iPad, Android, etc.
- Goal: complete Webapplication

Gabor Ancsin, Zoltan Kovacs, Julian Lettner

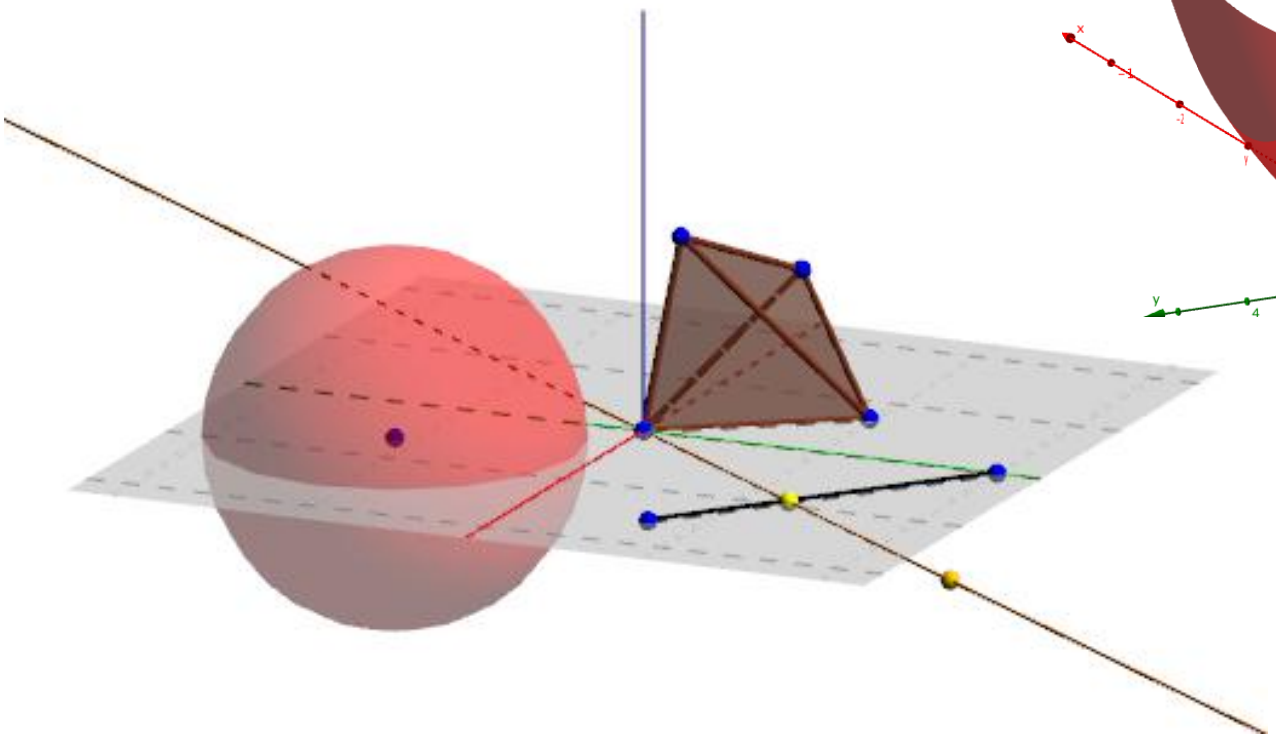
GeoGebra 4.2 with CAS View

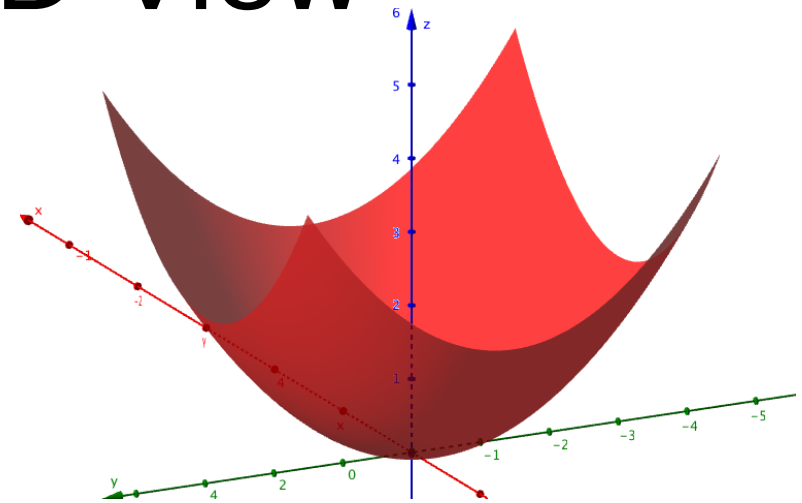
- Fully integrated symbolic View
- Dynamic Dependencies
- Easy to Use for Students from Age 13

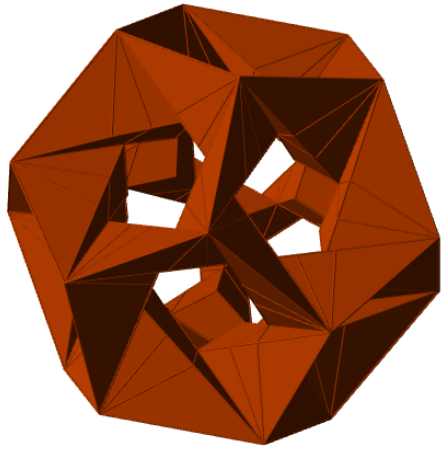


Simon Weitzhofer, Thomas Unterthiner

GeoGebra 5 with 3D View







Mathieu Blossier, Andre Eriksson, Kai Chung Tam

Thank You!

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markus@geogebra.org

GeoGebra Software & Materials
http://www.geogebra.org

Presentation Slides
http://www.geogebra.org/talks