University of Szeged - UNS Faculty of Science Novi Sad

Jó szomszédok a közös jövőért
Dobri susedi zajedno stvaraju budućnost
Good neighbours creating common future

Non-Standard Forms of Teaching Mathematics and Physics:
HUSRB/1203/221/024   www.model.u-szeged.hu

Szeged Winter School 2015:
Non-Standard Forms of Teaching Mathematics and Physics: Experimental and Modeling Approach

and

Szeged Winter Training 2015:
Mobile Tools and Dynamic Modeling in Learning Mathematics

Required software tools

Wireless connection will be available for the participants in the Bolyai Institute for the participants.

Group of Researchers and PhD students:

Computer-aided courses will be held in Computer cabinet (Kalmar room). The needed software tools are installed on the computers:

- Wolfram Mathematica 10
- Matlab
- R, R-studio

If you would like to use them on your own laptop, you have to install them.

Teachers, high school students

The Edaq530 trainings will be held in computer cabinet with the needed software tools. During the computer-aided mathematics courses you are assumed to work on own laptops.

You are kindly asked to install the following software packages on your mobile tools:

Laptop

- GeoGebra 5 (free)
- Wolfram Alpha with web browser (free)
- Wolfram Alpha App for Win 8 (~700 HUF)

Android tablets, smart phones

- GeoGebra 5 (free)
- Wolfram Alpha App for Android (~3 USD)
- Matehmatics for Android (daboApps)
- Math Expert
- Maths Solver
- MyScript Calculator
- Quadratic equation (Alexander Shpitalnik)
- Math Ref Free (Happy Maau Studios, LLC)
- Geometry Solver (free)

Winter Training group

You are kindly asked to install the following software packages on your mobile tools:

Laptop

- GeoGebra 5 (free)

- Wolfram Alpha with web browser (free)
- Wolfram Alpha on Win 8 (~700 HUF, improved version available in Windows web store)
- Wolfram Mathematica 10

Android tablets, smart phones

- GeoGebra 5 (free)
- Wolfram Alpha App for Android (~3 USD)
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Avalability of install kits:

Geogebra 5: http://www.geogebra.org

Wolfram Mathematica 10, free 15-day trial version: https://www.wolfram.com/mathematica/trial/

Wolfram Mathematica 10, Univ. Szeged campus license is available for univ. members. If you require it, write to karsai.janos@math.szeged.hu

Wolfram CDF player 9.01, free (to play the Mathematica handouts): http://www.wolfram.com/cdf-player/?source=footer

Wolfram Alpha mobile apps: http://products.wolframalpha.com/mobile/?source=nav

Android Apps: Google play

MATLAB, free 30-day trial version: ttps://www.mathworks.com/programs/trials/trial_request.html?s_iid=gtwy_trial_gtwy_tb

R: http://www.r-project.org/

R studio: http://www.rstudio.com/products/rstudio/download/