

Computer-aided education of natural sciences

Calculus takes active role in the field of computer-aided education of natural sciences. The most effective way of teaching and learning is applying native language, thus we carried out the **Hungarian version of some educational softwares and their user's manuals, we offer education.**



As the Hungarian partner of *Texas Instruments* we created the Hungarian version of **DERIVE mathematics educational software.**

Currently 50 primary and secondary schools, as well as several academic institutes are Derive users in Hungary. This software is utilizable in every type and level of school, because it covers many fields of mathematics including algebra, equation solution, trigonometry, vector and matrix operations. Not only complicated and time-consuming calculations – integration, differential calculus, calculation of limit values and special functions, etc. – are performable as a child's play with this software but you can accomplish easily analysable diagrams, 2 and 3 dimension graphs also based on results of calculations. The software is applied all over the world in the field of education, engineering and research due to various areas of mathematics covered.

<http://www.ti.com/ww/hu>



Our company is the distributor and localizer of **AUTOGRAPH geometry and statistics software** of *Eastmond Publishing Ltd.*

on the prize of the best educational software (2007, England). It is an excellent, interactive, amusing software in order to help learning. It facilitates efficient, enjoyable teaching and provides visual experience. It helps in solving geometric problems, understanding calculation of probability and statistics, it improves not only expressivity but also spatial sight of students owing to the spectacular 2 and 3 dimensional way of representation. It takes advantage of interactive whiteboards and tablet devices, thus it's utilizable admirably in educational institutes.

<http://www.autograph-maths.com>



Yenka natural sciences educational software of *Crocodile Clips* provides powerful **virtual labs** which are ideal for science lessons, demonstrating concepts colourfully in a safe, accurate virtual world. Yenka's design tools let us test our electronic projects, and PIC or PICAXE programs, and produce 3D PCB layouts for classroom manufacture. Yenka introduces programming in an engaging way, letting us control animated 3D characters using simple flowchart commands.

<http://www.yenka.com>



We carried out a hardware solution to take even advantage of the opportunities provided by educational softwares, such as interactivity. Thus we set up our **Wiimote interactive board tool with** localizing the **Smoothboard software**, so we can provide a cost-effective, complete service for computer-aided education of natural sciences.

<http://www.smoothboard.net>