

Abstracts for seminar in mathematics education

Friday 20 Nov. 10.15 – 12.00 in J 2 001

By PhD students from Slovakia.

Jana Koutna: Teaching Mathematics students with hearing impairment at primary school using a web-page.

In my presentation I will speak about my Phd thesis that I'm working on as a student of Comenius University in Bratislava. My research is focused on teaching Mathematics, especially pupils with hearing impairment at primary school by using a web page with pictures and animations, that I created.

Drahoslava Zidova: Using interactive applets in teaching Trigonometry upper secondary students

In my presentation I will speak about my PhD. thesis. My work consists of web page (as learning object), theoretical part and inquiry.

I created web page where I want to explain Trigonometry through interactivity and visualisation of animated and interactive applets (created in Imagine Logo). This web page was designed for (Slovak) upper secondary school students, also their teachers. Beside applets there is a lot of information about the theory of Trigonometry, activities, solved and unsolved tasks and exercises.

In theoretical part I will talk about using ICT in Math teaching, especially interactive applets and e-learning for high school students.

I will introduce my running inquiry which is focused on using this web page in teaching/learning process.

Picture and short information in

http://www.uia.no/no/portaler/om_universitetet/teknologi_og_realfag/nyhetsarkiv/mim)