

An Interactive Datawall
for

an Intelligent Classroom

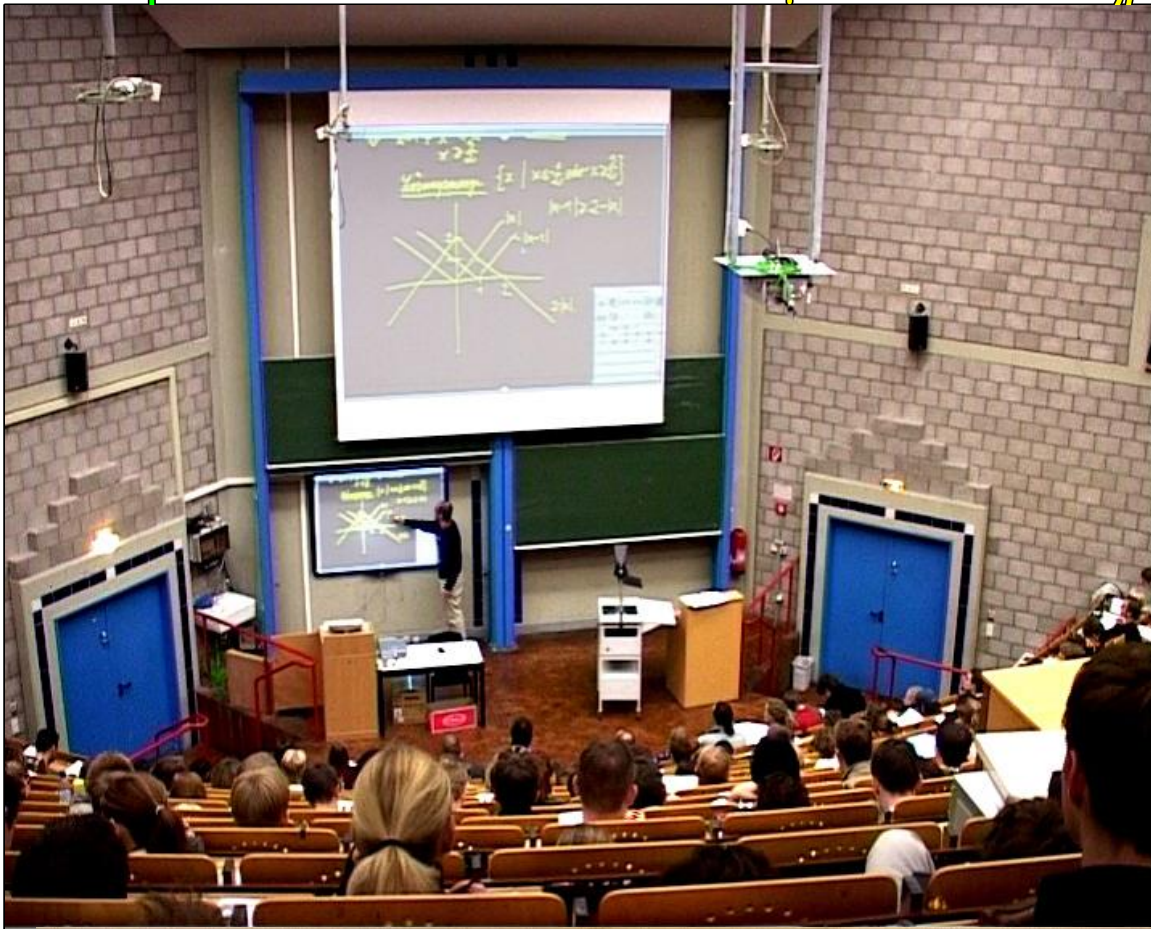
G. Friedland, K. Jantz, L. Knipping,
R. Rojas & C. Zick

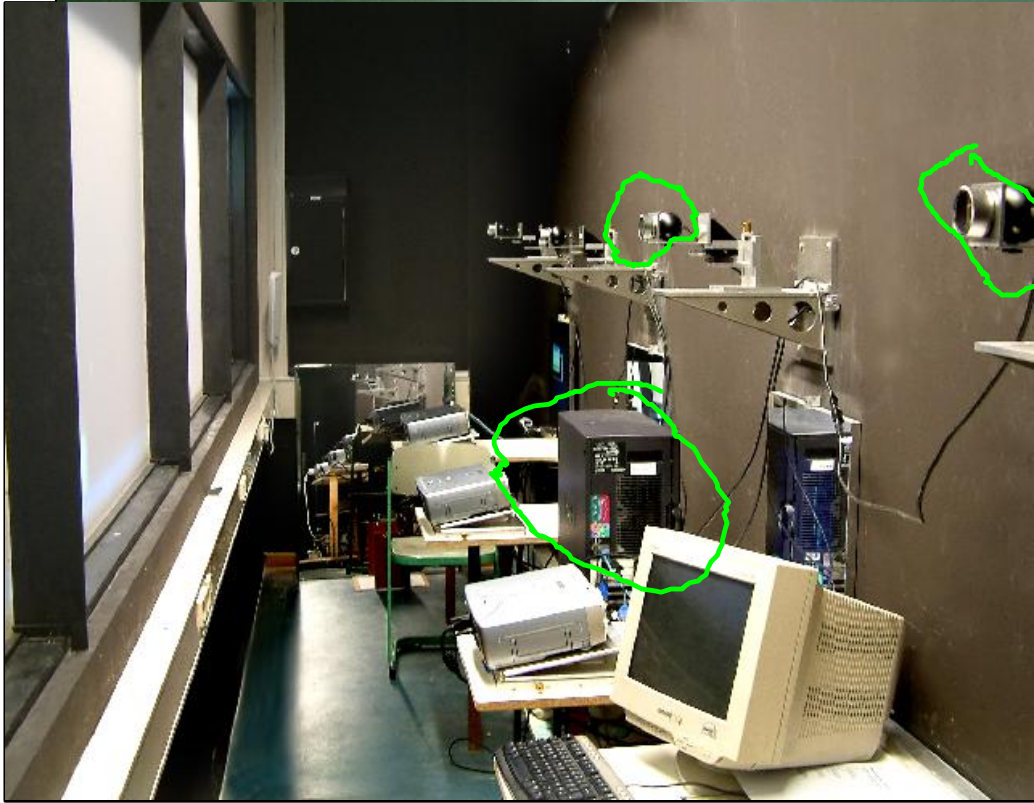
Freie Universität Berlin

E-Chalk:

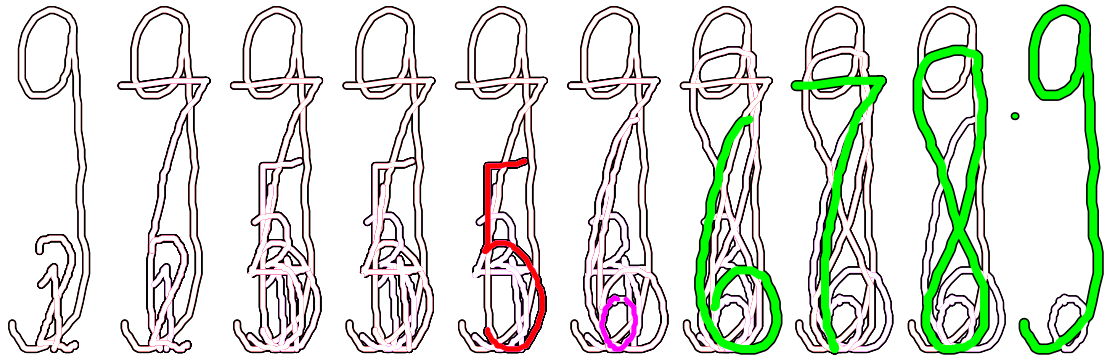
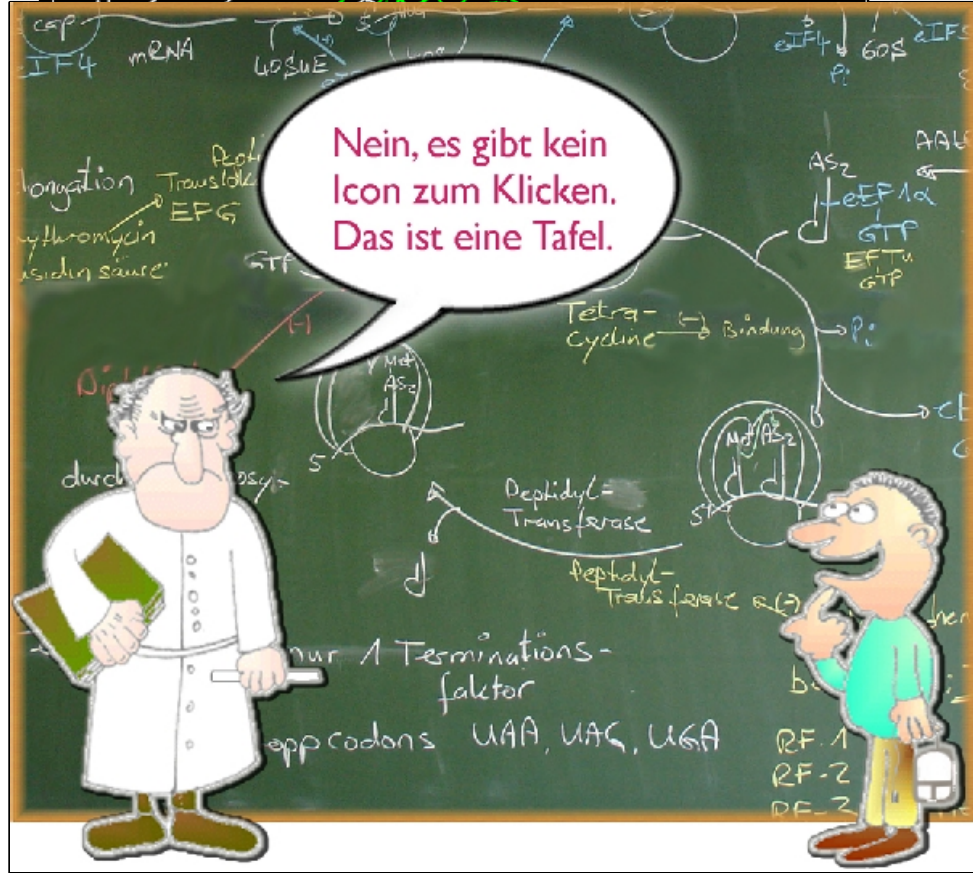
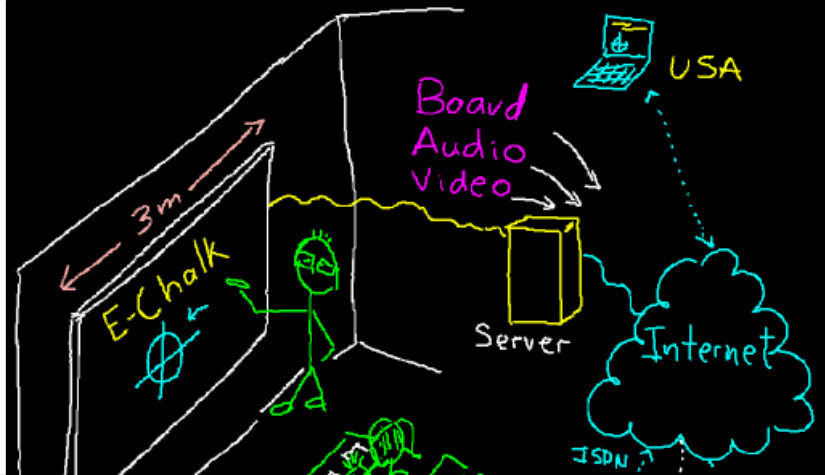
- Vision
- Hardware

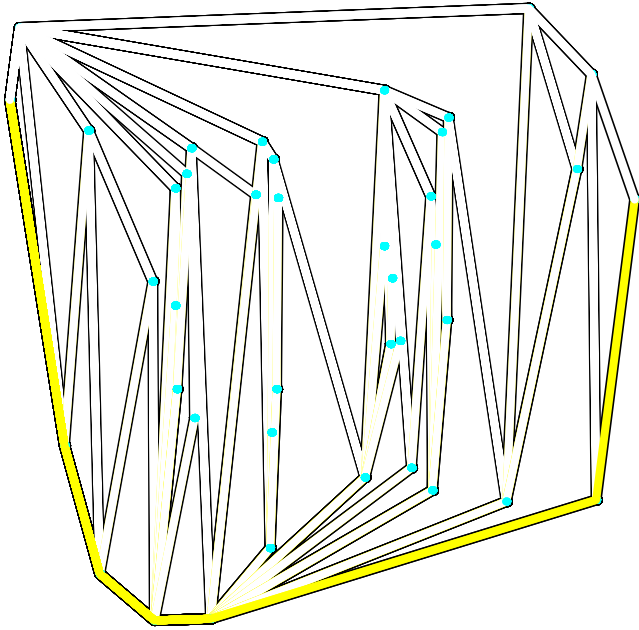
- Software - why "intelligent"?











$$\int \frac{x}{x^3 - 1} dx$$

`[Integral] (x)/(x^3-1)[DifferentialD] x =`

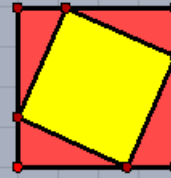
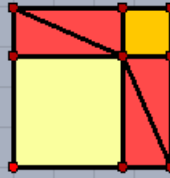
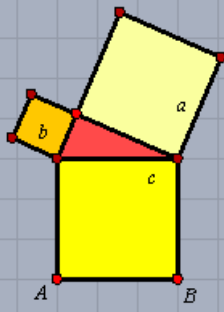
$$\frac{\text{ArcTan}\left[\frac{1+2x}{\sqrt{3}}\right]}{\sqrt{3}} + \frac{\text{Log}[-1+x]}{3} + \frac{\text{Log}[1+x+x^2]}{6}$$

$$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} e^{-x^2} dx$$

`1/(([Pi])^(1/2))[Integral] _(- [Infinity])%([Infinity]) [ExponentialE] ^(- x^2)[DifferentialD] x = 1`

Pythagoras' Theorem: $a^2 + b^2 = c^2$

$$7,55 + 1,45 = 9$$



Echalk: Werkze...

Aa

