

Mavscript and graphs - using XeLaTeX and TikZ

Adrian Vontobel

May 12, 2014

X_YL^AT_EX natively supports Unicode. It can use OpenType fonts installed in the operating system.

This template uses the *TeX Gyre Termes/Heros/Cursor* and *XITS Math* fonts, they cover well mathematical and Greek glyphs.

Input

```
Length      Δl := 10.3 m
Hight       Δh :=  3.2 m
```

Calculation

```
A := Δl*Δh = 32.96 $ m^2 $
α := ArcTan(Δh / Δl) * 180/Pi = 17.259°
```

Results

The area of the rectangle is 33 m².

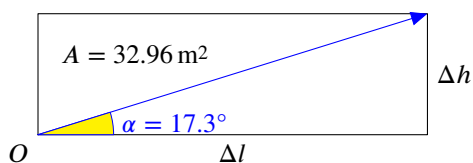


Figure 1: The rectangle, 1:200