# ProfCollege—hope for GUST

Jerzy Ludwichowski[1]

[1]GUST
The Polish TeX Users Group

XXXth GUST's yearly conference (since 1993)

## Outline

**Motivation**
Get pupils exposed to TeX to schools early and nicely

**About the package**
What is it all about?

**Any problems?**
Yes, many!

**A quick look at the package**
The documentation
A sample translation

**Invitation to the workshop and bye for now**
Please join

# Why?

To create a new generation of TEX users, developers and last but not least the next generation of GUST members.

- ▶ **GUST is ageing**;
- ▶ TEX, if known at all, has a reputation of being diffcult, and used only by scientists;
- ▶ students, future teachers, forget about TEX, even if exposed during studies;
- ▶ there is almost no support for middle school teachers.

# How?

By making TeX sofware accessible and useful to teachers.

There is hope though: such software exists, enter the LaTeX package ProfCollege by Christophe Poulain.

## Contents

The package deals with math for pupils of what is known in the French school level as *lycee*.

It seems to cover whatever is needed by a math teacher to help him to make his work easy and enjoyable and and at the same time learning math by pupils attractive, spanning all areas of school math at that level.

The concept of the ProfCollege seems to be very uniqe, and in a sense, unorthodox. It consists of

- ▶ over 150 separately usable command modules,
- ▶ each with commands with multiple parameters,
- ▶ and an excellent documentation of about 600 pages.

## Language and country specifics

How to adapt for Poland, because

- ▶ only in French, thus needs translation,
- ▶ possible differences in methodology, this might specific skills and knowledge,
- ▶ how to organize the work (tooling)?

## How to make available?

- ▶ the package is huge, thus requires a lot work of
  - ▶ documentation
  - ▶ command modules
- ▶ finance (Ministry of Education) or not to finance (voluntary effort)?
- ▶ how to deliver/deploy?
  - ▶ special packaging?
  - ▶ "rudimentary"CTAN?
  - ▶ dedicated service, like, say Overleaf?

## How to advertise?

- ▶ through Polish Mathematical Society?
- ▶ through Ministry of Education?
- ▶ by presenting at conferences (like IwE)?
- ▶ by word of mouth?
- ▶ any other ideas?

# Full document

Getting a glimpse of the beast …

# The Thales (aka Tales) theorem module

Getting a glimpse of the translation task. . .

## Waiting for volunteers

Please join the workshop, Damien Thiriet and I will try to show how to translate one of the math related games. Of course, there surely will be glitches, hopefully no game spoilers. . .

**That's all folks, thank you for your patience.**