
basics-books

basics

28 gen 2025

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This is the main landing page of the **basics** project.

The project will be first developed in Italian, at least for material targeting high-schools. Please, rely on the translator of your browser, or have a little patience waiting for translation, or - even better - feel free to contribute through [Github](#) repos.

Material for university is likely to be a jupyter-book version of some hand-written notes already available at <https://basics.altervista.org>.

High-school

Introduction to programming work-in-progress

Mathematics work-in-progress

Physics work-in-progress

Chemistry work-in-progress

Economics todo

Philosophy todo

University and more

Mathematics

- **Mathematics** work-in-progress

Physics

- **Classical mechanics** work-in-progress
- **Classical thermodynamics** work-in-progress
- **Classical electromagnetism** work-in-progress
- **Continuum mechanics**: introduction to continuum mechanics, solid mechanics, and fluid mechanics **work-in-progress**
- **Modern physics** work-in-progress

Insights

1.1 Credits and License

...todo...

1.2 Timeline

2024 Oct 10 - Initial commit of the bbooks-template.

2024 Nov 13 - Jupyter books for interactive open textbooks at TUDelft. On the 2024 Nov 13, I've found out that some people working at TUDelft are using the same approach for building an open textbook project, hosted on **Gitlab**, collecting books for university. I'm sure I'll find some useful tips for this project, either in their manual or [demonstration with Jupyter books](#), or browsing in their [repo](#). Maybe I'll contact them in the future, as soon as I have an English version of these documents.

- Try to understand if there's a good way to include **exercises**, without the need for repeating code with only-latex and only-html blocks. See at the end [repository page](#)
- Should I move the project from Github to Gitlab? Why did I choose Github over Gitlab? I suspect there was some good reason to make this choice - that I'd have never done otherwise - but I can't remember why...