

Title

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Preface

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Chapter 1

Test

§1 T_EXplate Usage

1.1 Compiling

Change the `PATH/` to the relative path (Mac OS or Linux) or absolute path (Windows) to this file in `\newcommand{\PATH}{PATH/}` in the preamble, and run the following command in your command line:

`xelatex filename` (.tex can be omitted)

`biber filename` (.bib can be omitted)

`xelatex filename`

`xelatex filename`

1.2 Examples

Citation: [1].



(a) Caption



(b) Caption

Figure 1.1: An example for subfigures

An example for *cross reference*: Fig 1.1a is the logo for the L_AT_EX Project.

Theorem 1.1. *Inline equation:*

$$\int \frac{dy}{dx} dx = y(x) + C. \quad (1-1)$$

Corollary 1. *Multiline equations and the alignment:*

$$\nabla \cdot \mathbf{D} = \rho \tag{1-2}$$

$$\nabla \times \mathbf{E} = -\frac{\partial \mathbf{B}}{\partial t} \tag{1-3}$$

$$\nabla \cdot \mathbf{B} = 0 \tag{1-4}$$

$$\nabla \times \mathbf{H} = \mathbf{j} + \frac{\partial \mathbf{D}}{\partial t} \tag{1-5}$$

Chapter 2

Test

§2 Test

The counter `section` doesn't reset when a new chapter opened.

Appendix A

Appendix

Bibliography

- [1] Donald E. Knuth. *The T_EXbook*. Addison-Wesley Professional, 1986. ISBN: 0201134470. URL: <https://ctan.org/pkg/texbook>.

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Symbols used
 $\frac{dy}{dx}$, 1

cross reference, 1