



Research article / *Article de recherche*

# How to use the *Comptes Rendus. Physique* class file: A sample LaTeX source file

*Titre en français*

David Hilbert<sup>a</sup> and Alan M. Turing<sup>Ⓢ,\*,b</sup>

<sup>a</sup> Road to the 5th problem avenue, Germany

<sup>b</sup> Center for experimental machines, United Kingdom

E-mails: hilbert@optimization-for-all.de (D. Hilbert), alan.m.turing@crypto.edu.uk (A. M. Turing)

**Abstract.** This document is a short user's guide to the  $\LaTeX$  class for articles in *Comptes Rendus. Physique*.

Supplementary material for this article is supplied as a separate archive mycode.zip, the related data is displayed in the document supplement-doc.pdf.

**Résumé.** Résumé en français.

**Keywords.** Example, Optimization, Journal.

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**This article is a draft (not yet accepted)**

## 1. Introduction, meta-data commands

This is the beginning of our article.

### 1.1. Title

The command for the title is: `\title`. The `\maketitle` command must be put after the abstract.

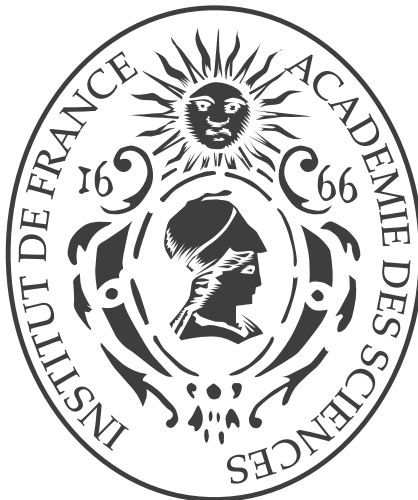
### 1.2. Citations

The bibliography must be built using bibtex. A sample of a bibtex file `samplebib.bib` is with this sample.

The references must be referred to in the article by using the `\cite` command, which produces for example [1] or [2] (see also the comments in `samplebib.bib`).

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\*Corresponding author



**Figure 1.** Example of figure.

## 2. Figures

The article being compiled with pdf<sub>l</sub>atex, the figures should also be in PDF (esp. for vector graphics, bitmap graphics should be of good enough quality and can be PNG or JPEG). The inclusion of the figure is done using the following commands.

The parameter *xxx*, a real number between 0.0 and 1.0, indicates the width the figure should take in the page. One can refer to the figure with `\ref{refname}`, which gives for example:

Figure 1 is an example of figure.

To refer to a specific definition, theorem, etc., put `\label{labelname}` inside the corresponding environment and use `\ref{labelname}` in text to point to this definition, theorem, etc.

Here is an example:

**Theorem 1.** *Most theorems are true.*

**Proof.** Th. 1 is obviously true. □

**Example 2.** This should look like a good example.

**Remark 3.** Can an example like Ex. 2 give some insight in Th. 1's proof?

## References

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