



Research article / *Article de recherche*

How to use the *Comptes Rendus. Mathématique* class file: a sample LaTeX source file

Comment utiliser la classe de Comptes Rendus. Mathématique : un fichier L^AT_EX exemple

David Hilbert ^a and Alan M. Turing ^{Ⓣ, b}

^a Road to the 5th problem avenue, Germany

^b 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 L^AT_EX class for articles in *Comptes Rendus. Mathématique*.

Résumé. Ce document est un petit guide d'utilisation de la classe L^AT_EX pour les articles de *Comptes Rendus. Mathématique*.

Keywords. Keyword1, Keyword2, Keyword3.

Mots-clés. Mot-clé1, Mot-clé2, Mot-clé3.

2020 Mathematics Subject Classification. 00X99.

Electronic supplementary material. Supplementary material for this article is supplied as a separate file available from the journal's website under .

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`).

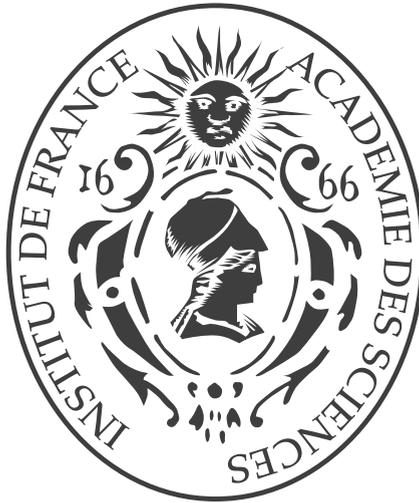


Figure 1. Example of figure.

1.3. Disclosure statement

Please declare all conflicting interests in a dedicated section of your article. If you don't have any conflicting interests to declare, use this model: The authors do not work for, consult, own shares in or receive funding from any company or organization that would benefit from this article, and have disclosed no relevant affiliations beyond their academic appointment.

2. Figures

The article being compiled with `pdflatex`, 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

- [1] D. E. Knuth, *The TeXbook*, Addison Wesley Professional, Massachusetts, 1984.
- [2] J. Leray, J.-L. Lions, "Quelques résultats de Višik sur les problèmes elliptiques nonlinéaires par les méthodes de Minty-Browder", *Bull. Soc. Math. France* **93** (1965), p. 97-107, http://www.numdam.org/numdam-bin/item?id=BSMF_1965__93__97_0.