



Research article

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

Antoine Lavoisier<sup>✉,a</sup>, Mary P. Curry<sup>✉,\*,b</sup> and Peter M. Curry<sup>a,b</sup>

<sup>a</sup> Rue sans aplomb, Paris, France

<sup>b</sup> Center for spiced radium experiments, United Kingdom

E-mails: a-lavois@lead-free-univ.edu (A. Lavoisier), m.p.curry@radexp.edu.uk  
(M. P. Curry), p.m.curry@radexp.edu.uk (P. M. Curry)

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

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

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

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.

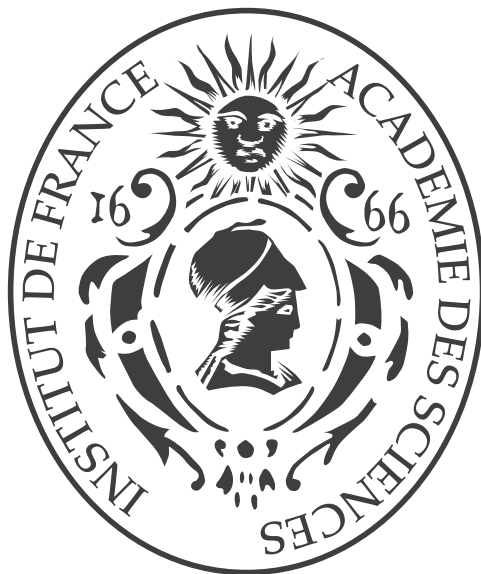
### 1.2. Citations

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

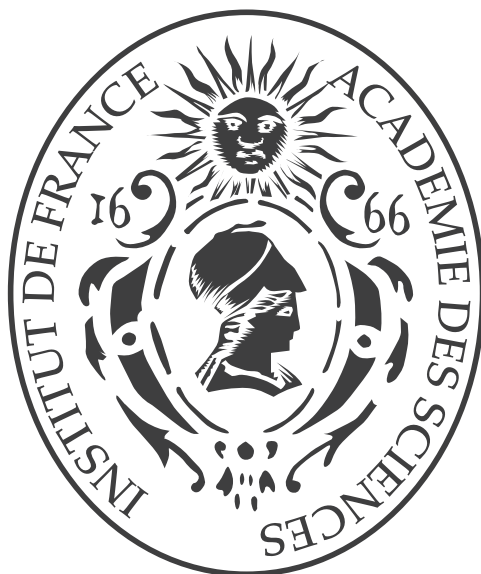
The references must be referred to in the article by using the `\cite` command, which produces for example [1] or [2] (see also the comments in `samplebib.bib`).

---

\* Corresponding author.



**Figure 1.** Example of figure.



**Scheme 1.** Example of a scheme.

## 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, while Scheme 1 is an example of scheme. As you can see, they behave the same.

To refer to a specific definition, claim, 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.*

**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?

### 3. Conclusion

This paper has shown impressive results in the area covered by *Comptes Rendus. Chimie*.

### Conflicts of interest

The authors declare no competing financial interest.

### Dedication

The manuscript was written through contributions of all authors. All authors have given approval to the final version of the manuscript.

### Acknowledgments

The first author is supported by UK Research Council project Radius through grant #2019-\$\$\$155900.

### Supplementary data

Supporting information for this article is available on the journal's website under article's URL or from the author. The experimental details and randomization protocols were given.

Characterization details of new compounds, crystallographic details, NMR spectra. CIF files have also been deposited with the CCDC and can be obtained on request free of charge, by quoting the deposition numbers: XXX. For crystallographic data and other electronic supporting information, see article's URL

### 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*, 1965, **93**, 97-107, [http://www.numdam.org/numdam-bin/item?id=BSMF\\_1965\\_\\_93\\_\\_97\\_0](http://www.numdam.org/numdam-bin/item?id=BSMF_1965__93__97_0).
- [3] B. Cage, E. Cotton, N. Dalal, E. Hillard, B. Rakvin, C. Ramsey, "EPR probing of bonding and spin localization of the doublet-quartet states in a spin-frustrated equilateral triangular lattice:  $\text{Cu}_3(\text{O}_2\text{C}_{16}\text{H}_{23})_6 \cdot 1.2\text{C}_6\text{H}_{12}$ ", *C.R. Chimie*, 2003, **6**, 39-46.
- [4] P. Braunstein, L. Oro, P. Raithby (eds.), *Metal Clusters in Chemistry*, vol. 1-3, Wiley-VCH, Weinheim, Allemagne, 1999.
- [5] C. King, C.-L. Terng, "Submanifolds in path space", in *Global Analysis in Modern Mathematics* (K. Uhlenbeck, ed.), Publish or Perish, Inc., Houston, 1993, 253-282.
- [6] M. Vajiac, "Gauge theory techniques in quantum cohomology", PhD Thesis, Boston University, 2000.
- [7] R. Azencott, D. Dacunha-Castelle, *Séries d'observations irrégulières*, Masson, Paris, 1984.
- [8] X. Blanc, C. Le Bris, P.-L. Lions, "Caractérisation des fonctions de  $\mathbb{R}^3$  à potentiel newtonien borné", *C. R. Acad. Sci. Paris, Ser. I*, 2002, **334**, 15-21.
- [9] R. Da Prato, P. Grisvard, "Sommes d'opérateurs linéaires et équations différentielles opérationnelles", *J. Math. Pures Appl.*, 1975, **54**, 305-387.
- [10] A. Üstünel, "Stochastic analysis on Lie groups", in *Stochastic Analysis and Related Topics VI: The Geilo Workshop* (L. Decreasefond, J. Gjerde, B. Øksendal, A. Üstünel, eds.), Progress in Probability, Birkhäuser, 1988, 129-158.