

# The Compositio Mathematica journal style

F. Author and A. Author

*A dedication can be included here.*

## ABSTRACT

This document describes the preferred page style and format for papers submitted for publication in *Compositio Mathematica*. It also purports to serve as an example of that style.

### 1. Page format

Papers should be printed or typewritten on *one side of the paper*. If a hard copy is submitted, it should be clean, not a blurred photocopy. It should use a typeface no smaller than 10 pt and preferably 12pt and have *margins at least 3 cm wide*.

### 2. Journal style

#### 2.1 The title page

*Title.* Choose the title with care. A good title will indicate what area of mathematics is discussed in the paper. Avoid using symbols or formulae in titles, as they may present problems in bibliographies and make your paper hard to locate in searches. For long titles, please provide (e.g., in parenthesis) a short, alternative title that can be used for the running header.

*Abstract.* An English abstract of less than 200 words is required and should contain at least two sentences. From 2004, Compositio Mathematica abstracts will appear in the free-access section of Cambridge Journals Online. It will also be listed in the Mathematical Reviews of the American Mathematical Society ([MathSciNet](http://www.ams.org/msc/)). For these reasons, the abstract must be self-contained and must not include citations, footnotes or references to numbered equations, theorems, figures or tables. If possible, please avoid complicated formulae or displayed equations in the abstract.

*Classification numbers and keywords.* Please place these in the footer as shown on this page. At least one subject code is required. Please refer to <http://www.ams.org/msc/> for a list of codes.

*Acknowledgements.* Short acknowledgements of grants and financial support can be included in a footnote on the title page; longer and general acknowledgements are better placed at the end of the paper following a header such as the one that begins this paragraph. Do not use footnote marks to associate individuals with supporting institutions. Instead, explain the relationships in one footnote, as shown below.

---

*2000 Mathematics Subject Classification* 35J25 (primary), 28C15, 28D10 (secondary).

*Keywords:* compositio, mathematica, style, guidelines, mathematics, mathematical, journal, instructions

The first author is supported by NSF grant no. 5823PDQ4584. The second author is supported by EPSRC.

## 2.2 Main text

*Introduction.* An abstract should never be regarded as a part of the paper and is no substitute for a well-written introduction. Write the introduction so that it can be understood by a mathematician whose specialism is different from your own. It should explain what the paper is about, summarise the main results and, for longer papers, explain the plan of the paper. Please do not number the introductory section "0", or if you must do so, please omit the number from the section header.

*Theorems, proofs and remarks.* Please mark clearly (e.g. with a vertical space) the ending of a theorem (lemma, corollary, proposition), proof or remark (note, example, ...) so that it can be distinguished from the text that follows.

*Footnotes.* These should be avoided as far as possible, but if they must be included, they should be separated from the text by ruled horizontal lines. Do not attach footnote marks to formulae or symbols.

## 2.3 Figures and photographs

Please supply these electronically as individual `.ps` or `.eps` files, or as hard copy in a form suitable for scanning. Electronic figures can be supplied in colour, but will be displayed in colour only in the on-line version of the journal. Hard-copy figures should be submitted in duplicate. If possible, please ensure that the lettering in the figure is typeset in the correct type, corresponding to that in the main text (e.g., mathematical symbols should normally be italic, etc.), and in a size that will remain legible after reduction. Captions should always contain a short, descriptive text. They may be included in a `.tex` file that contains the text, or can be listed on a separate page at the end of the manuscript, together with the corresponding Figure numbers. *The caption should not be included in the figure itself.*

## 2.4 Bibliography and author addresses

The publications in the reference list should be formatted as demonstrated below. They should be labelled, if possible, with alphanumeric acronyms. The acronyms should be formed from the first few letters of a single author's surname (or by stringing together the initials of multiple authors' surnames), followed by the last two digits of the publication year and concluded with the letters "a", "b", etc. to distinguish publications that would otherwise have the same acronym. The references should be ordered alphabetically according to the acronyms.

Each author name should appear at the end of the manuscript together with the address of that author (and e-mail address, if desired), as shown below. Authors at the same institution should thus have their address repeated.

### REFERENCES

- Lam94 L. Lamport, *L<sup>A</sup>T<sub>E</sub>X: A document preparation system (updated for L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>)* (Addison-Wesley, New York, 1994).
- PTW02 T. Prokopec, O. Törnkvist and R. P. Woodard, *Photon mass from inflation*, Phys. Rev. Lett. **89** (2002), 101301.

F. Author [f.author@some.where.ac.uk](mailto:f.author@some.where.ac.uk)

Mathematics Department, Some University, Where Road, Here, MT55 9XX, UK

*Current address:* Mathematics Institute, Another University, There, BA1 1HZ, UK

A. Author [another.author@other.edu](mailto:another.author@other.edu)

Physics Department, Other University, There, USA