TITLE OF THE PAPER

A. U. THOR

Abstract. Include a short abstract which is also a stand-alone document. Please do not include citations in the abstract. The abstract should not contain figures nor displayed formulae.

1. Introduction

Your submission should be written in clear and unambiguous language using LaTeX. If you are not familiar with TeX or LaTeX, see the Wikipedia entry on LaTeX or the TeX User Group pages ("Getting Started") [8] for an introduction, as well as references to many on-line resources. Many web sites, *e.g.,* [1], have manuals that may be downloaded and printed.

Books are available that will give you a good overview [4, 5]. The LaTeX companion [6] discusses many additional packages that can be helpful.

Also be aware that the use of plain TeX or AMSTeX can cause delays in the processing of your paper.

Submit your text as a flat file. That is, with the exception of figures, your paper should be a single file containing the LaTeX preamble, macros, text and bibliography. Figures (see §5) may be submitted as separate files.

Before sending the LaTeX file to the editors, remove unnecessary macros and run your LaTeX code one last time. Pay attention to all warnings that are generated and fix the reported errors.

2. Theorem-Like Environments

Here is where you likely will begin the main part your paper. Please use theorem-like environments.

Definition 2.1. Definitions and remarks are printed in roman text and require no proof.

Lemma 2.2. *Lemmas establish results used in proofs of other results.*

Theorem 2.3. *Theorems, lemmas, corollaries and propositions need proofs and are printed in italic.*

Please use labels for theorem-like environments so that later in your paper you may refer to them easily, *e.g.,* Lemma 2.2 or Theorem 2.3.

1991 *Mathematics Subject Classification.* Primary 99X99, Secondary 99Y99.

Key words and phrases. Keywords here.

This work was done while the author was a visiting scholar at a northern university.

Proof. Let α and β satisfy

$$\int_0^{\alpha} \frac{e^x}{1+x^2}\,dx = 1, \tag{2.1}$$

$$\int_0^{\beta} \frac{e^x}{1+x^2}\,dx = 2. \tag{2.2}$$

Then setting $z = \cos(\alpha - \beta)$ establishes the claim. □

3. Enumerated Lists

We prefer to use lower case roman numerals for numbered lists. Arabic numbers enclosed in parentheses look too much like references to numbered equations.

(i) The first item.
(ii) The second item.

4. Formatting the Math

Try to avoid inventing your own math symbols. What looks fine with your printer may not be compatible with our fonts. Please note that the use of `\eqnarray` is deprecated. Use `align`, `gather`, `flalign`, `alignat`, etc., instead.

4.1. **Numbered Equations.** Equations should be numbered *only* if they are referenced elsewhere in the paper, and then you should use labels as in (2.1) or (2.2).

4.2. **Unnumbered Equations.** Unnumbered but displayed math should be used when a formula causes an overfull box or when the formula will occupy more than one line.

5. Figures

Figures should be sent as .ps or .eps files. Be aware that our line size is approx 12.4 cm or 4.75 in; figures should fit those measurements. Please include the name of the program that produced the figures when submitting your tex files.

Appendix A

References should be listed alphabetically by the authors' surnames. The references should be in the style listed below. Please do not invert authors' names; do not put authors' names in all capitalized letters.

The list of references should reflect sources that are available either in a library or online and then should have a `url` included. If you bear in mind that the references are intended to help people locate material in a library, then the following will be self-evident. References to unpublished material are not helpful to your readers. Reference to work "in progress" should not be cited in a bibliography. Unpublished material[1] may be acknowledged in the text, preferably in a footnote, but not referenced.

We have included references to an article appearing in a journal [7], a book [5], a paper that forms a chapter in a book [2], a thesis [3] and material that is available on the web [1].

[1]By unpublished material we include lecture notes, manuscripts that may have circulated but have never been published, preprints for which there is no url available, *i.e.,* all material that is not available in a library or on a web site.

Acknowledgements. Acknowledgement of colleagues, institutions and referees may be placed here along with long descriptions of grants and financial aid. A short acknowledgement of funding sources should go in the `\thanks{}` environment in the preamble. Thanks to the London Mathematical Society for granting permission to use (parts of) their instructions for authors submitting to the Bulletin, Journal, and Proceedings of the London Mathematical Society.

References

[1] Department of Engineering, *Text processing using LaTeX.* University of Cambridge http://www.eng.cam.ac.uk/help/tpl/textprocessing/.

[2] T. Chinburg, *Minimal models of curves over Dedekind rings.* In: Arithmetic Geometry, Springer, New York, 1986, pp. 309–326.

[3] P. K. Gilbert, *COLLATE: A System to Aid in the Preparation Of Critical Editions.* Ph.D. dissertation, University of Wisconsin, 1978.

[4] G. Grätzer, *Math into LaTeX: An Introduction to LaTeX and AMS-LaTeX.* Birkhäuser, Boston, 1996.

[5] H. Kopka and P. W. Daly, *Guide to LaTeX˙* Fourth edition. Addison-Wesley, Boston, 2004.

[6] F. Mittelbach and M. Goossens, *The LaTeX Companion.* Second edition. Addison-Wesley, Boston, 2004.

[7] R. A. Mollin, Necessary and sufficient conditions for the central norm to equal 2^h in the simple continued fraction expansion of $\sqrt{2}^h c$ for any odd $c > 1$. Canad. Math. Bull. **48**(2005), no. 1, 121–132.

[8] The TeX User Group (TUG) Home Page, www.tug.org

Mathematics Department, Northern University, Athabasca, N.W.T.
E-mail address: author@math.nu.ca