

# The Reliable Computing L<sup>A</sup>T<sub>E</sub>X Template: Some Examples\*

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## Abstract

Put your abstract here. Be clear and concise, to describe accurately to a potential reader what is in the paper. Avoid numerical bibliographic citations and numerical references to formulas in the paper proper.

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**AMS subject classifications:** 65-00

## 1 Introduction

All L<sup>A</sup>T<sub>E</sub>X commands available with the `article` document class are available, with some possible exceptions, as noted in Section 2.

## 2 The `intmacros.sty` Package

Originally proposed by Arnold Neumaier, then discussed a bit, this style file is explained in [1]. A current copy may be found in <http://interval.louisiana.edu/reliable-computing-journal/intmacros.sty>, while a paper describing a slightly earlier version of it is available at <http://www.mat.univie.ac.at/~neum/ms/notation.pdf>.

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Figure 1: Example of graphics inclusion: The very first issue of *Interval Computations*

### 3 Including Figures and Other Graphics

The correct way to include figures is with the `graphicx` package. An example is Figure 1. Be sure to include all graphics files in any final submissions.

Note: The current preferred graphics compilation scheme is with PDF- $\LaTeX$ , but we can also accept encapsulated Postscript (`*.eps`) figures or figures in other formats if necessary.

### 4 Managing Citations

Use of  $\BibTeX$  is encouraged, since it automates formatting the bibliographic entries properly, as well as numbering and referencing them. An example bibliography, used for creating the reference in this document, is included at <http://interval.louisiana.edu/reliable-computing-journal/example.bib>, while an extensive collection of  $\BibTeX$  bibliographies can be found at <http://www.math.utah.edu/~beebe/bibliographies.html>. We supply  $\BibTeX$  entries to articles appearing in this journal, as do many other journals and citation clearinghouses.

### 5 Style Notes

In *Reliable Computing's* style, words in the title, section headings, and subsection headings, other than articles and conjunctions, are capitalized.

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## **References**

- [1] Ralph Baker Kearfott, Mitsuhiro T. Nakao, Arnold Neumaier, Siegfried M. Rump, Sergey P. Shary, and Pascal van Hentenryck. Standardized notation in interval analysis. In *Proc. XIII Baikal International School-seminar: Optimization methods and their applications, Irkutsk, Baikal, July 2-8, 2005. Vol. 4 Interval analysis. - Irkutsk: Institute of Energy Systems SB RAS*, pages 106–113, 2005.