

**SAMPLE CONTRIBUTION
TO THE PROCEEDINGS OF THE CONFERENCE
APPLICATIONS OF MATHEMATICS 2013**

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Abstract

This sample file serves as an illustration how to prepare a contribution to AM2013 proceedings in L^AT_EX. The authors are kindly asked to follow this style when preparing their manuscripts.

1. Introduction

This document has been prepared using the provided `am2013.cls` class file. The simplest and recommended way to prepare a contribution is to edit this `sample.tex` file. Authors are encouraged to submit short papers, with maximum of 10 pages.

To include EPS figures, we recommend the command `\includegraphics` (packages `epsfig`, `graphics`, or `graphicx`). See Figure 1 for an example. When preparing graphics, please keep in mind that the proceedings will be printed in grayscale and scaled down to the size of A5 paper. Although colours may be used in the online version, your graphics should keep legibility when printed. For good results, the text appearing at graphics (description of axes in plots, etc.) should be comparable in size to the main text. Table 1 shows recommended formatting of tables.

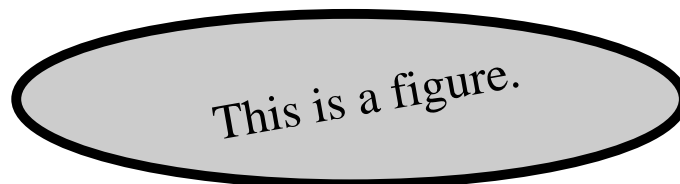


Figure 1: This figure was created in Linux by `xfig`.

Equations are included using the standard `equation` environment, e.g.

$$a + b = c. \tag{1}$$

#proc	64	128	256	512	1024
case 1					
set-up (sec)	61.0	37.7	25.7	23.2	39.5
iter (sec)	22.3	19.9	27.8	44.9	97.5
case 2					
set-up (sec)	49.5	29.0	18.4	12.6	11.0
iter (sec)	28.5	22.6	16.7	14.7	13.2

Table 1: Strong scaling for different cases.

For series of equations, we recommend using `eqnarray` environment.

$$a \times b = c \tag{2}$$

$$d - e = f \tag{3}$$

Command `\ref{}` produces references to these equations in the text, such as (1), (2)–(3).

The bibliographic sources are cited by the command `\cite`. Notice the recommended style of the bibliography – an article in proceedings [1], a book [2], a journal article [3], a Ph.D. thesis [4], and a technical report [5]. Bibliography is sorted alphabetically by surname of the first author and then by year of publication. Users of `LATEX` can achieve this behaviour by using provided bibliography style `am2013.bst`.

Acknowledgements

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References

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