Formatting Instruction for the Final Version to LMCS 2002[*]

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Abstract

This document shows the formatting instruction for the final version. The formatting instruction and all relevant files can be found in the following web page:
`http://www.risc.uni-linz.ac.at/conferences/LMCS2002/submission.html`

KEYWORDS: Formatting Instruction, Tips for Creating PDF, Contact Address

1. Final Version Requirement and Instruction

- Page numbers should be deleted!

- The final version should be submitted in the PDF format. (For some tips to create PDF files, see the next section. We accept PS format only if you can not create PDF.)

- Please try to make the style similar to this document. (The width and height of the text, header titles of odd and even pages etc.)

Please send your paper by e-mail till Oct. 7th. The mail format should be the following:

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Subject: LMCS 2002 Final Version
To: lmcs2002@risc.uni-linz.ac.at
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Title: .................
Authors: ..................
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If you use LATEX,...

Please use the class file 'lmcs2002.cls'. In fact this document is written in LATEX by using the class file as 'sample.tex'. Both files are included in archives which can be downloaded from the web page described above in the zip format or the tar GNU compressed format.

2. Tips for Producing PDF

2.1. LATEX

In order to create NICE looking PDF, we encourage one of the following ways:

- pdflatex
  Instead of the command 'latex', use 'pdflatex'. Note that if it includes 'eps' files, these should be converted into 'pdf' format and the LATEX source has to be changed, e.g.
  '\includegraphics{test.pdf}' instead of '\includegraphics{test.eps}'.
  The conversion to 'pdf' from 'eps' can be done by the command 'epstopdf'.
  FAQ of pdfTeX:
    http://www.tug.org/applications/pdftex/pdfTeX-FAQ.pdf
- dvipdfm
  Instead of the command 'dvips' or 'dvi2ps', use 'dvipdfm' (not 'dvipdf'!!!).
  Web Page of dvipdfm:
    http://gaspra.kettering.edu/dvipdfm/

The reason why the usual way (.tex $\to_{\texttt{latex}}$ .dvi $\to_{\texttt{dvips}}$ .ps $\to_{\texttt{ps2pdf}}$ .pdf) is not recommended is that the outcome does not look nice in PDF viewers in computer screens, because fonts are stored in bitmaps.

Further information can be found in the following web pages:

- Making Acrobat documents from LaTeX
  http://www.tex.ac.uk/cgi-bin/texfaq2html?label=acrobat
- TEX users group
  http://www.tug.org/
- MiKTeX: for Windows
  http://www.miktex.org/

2.2. Other Software

These are software by which one can create PDF.

- Adobe Acrobat: commercial software for Windows and Mac
  http://www.adobe.com/products/acrobat/main.html
- PDF995: free software for Windows
  http://www.pdf995.com/download.html
- Ghostscript: Conversion from PS to PDF
  http://www.cs.wisc.edu/~ghost/

3. Bibliography

We do not require special format for bibliography. Here are some examples:

- in the paper (Buchberger 1965),
- see Buchberger (1970),
- in several papers (Buchberger 1985, 1998, Buchberger Winkler 1998, Buchberger et al. 2000).

If you use LaTeX, the detailed instruction for citation can be found in 'natbib.sty'.

4. Questions

Please visit the web site for the latest information[†],

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http://www.risc.uni-linz.ac.at/conferences/LMCS2002/submission.html .
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If you have some questions about formatting, please send e-mails to

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To: nakagawa@risc.uni-linz.ac.at
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with the subject

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Subject: LMCS 2002 formatting question
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[†]The version of this document is ver. 1.0 updated in Sep. 19th.

References

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Buchberger, B. Winkler, F., eds (1998), *Gröbner Bases and Applications*, Vol. 251 of *London Mathematical Society Series*, Cambridge University Press. Proc. of the International Conference "33 Years of Gröbner Bases".