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# COMPLETE TITLE OF THE PAPER

Marius POPESCU, Nicolae GEORGESCU and Ion IONESCU  
University "Politehnica" of Timisoara

## Abstract

In these guidelines we describe the format instructions and the submission procedure both to be followed seriously. The text of these guidelines is written in the prescribed format and can be used as a specimen.<sup>1</sup>

## 1 Introduction

A refereed selection of papers of the 15<sup>th</sup> of International Conference Mathematics and its Applications-ICMA 2018 will be published as a Proceedings volume. In these guidelines we describe the format instructions and the submission procedure both to be followed seriously. The text of these guidelines is written in the prescribed format and can be used as a specimen.

## 2 The format of the text

Please use only the standard style file and standard fonts. Only use other style files if it is absolutely necessary to typeset your text. Avoid to add any `\def`, `\newcommand` or `\renewcommand` L<sup>A</sup>T<sub>E</sub>X commands.

If you have any problems with your file format please contact:

**Romeo Negrea**  
E-mail: `romeo.negrea@upt.ro`

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<sup>1</sup>Mathematical Subject Classification(2010):*60H20, 34F15*  
Keywords and phrases:*key 1, key 2, key 3, ...*

### 3 Heading, abstract and sectioning

For the heading, specify the following items:

- `\title*` to specify the title of your manuscript,
- `\titlerunning` to specify the title in the running head,
- `\author` specifies the authors.
- `\authorrunning` to specify the author name(s) in the running head. If there are more than two authors, please abbreviate the author list (e.g., N. Popescu et al.) for the running head.

You must write an abstract for your paper, that will appear in the paper version of the proceedings, while your full-text manuscript will be appear in the Proceedings of the Symposium. Your abstract *should not exceed 2500 characters*, that is, approximately 400 words. You may put some key-words if you wish, but, in any case, the title, authors, key-words and abstract must appear on the first page.

Considering the length of the manuscript, please use only the L<sup>A</sup>T<sub>E</sub>X sectioning commands `\section` and possibly `\subsection`. Do not use a deeper hierarchy. Only capitalize the first word of the section title.

### 4 Length of the paper, figures, tables, and equations

The manuscripts should be no longer than **12 pages** using the present format.

You may consider including tables or figures. Each figure or table must have a caption, explaining in brief your figure or table, e.g., “Fig. 1. Plot of ...” or “Table 1. Data of ...” (Arabic numbering). Use capitalization when referring to a figure or a table in the text, for example, “In the center of Figure 3, the clusters ...”.

Figures and tables must be included at the appropriate place in the text. Please, do not use colored figures. Please, provide the figures only using the L<sup>A</sup>T<sub>E</sub>X picture commands, or in pdf format. A figure contained in the pdf-file `yourfile.pdf` can be included as follows:

The `[width=.8\textwidth]` option specifies that the graphics has to be reduced to 80%. The `\includegraphics` command makes use of the `graphicx` style file, which is a standard L<sup>A</sup>T<sub>E</sub>X graphics tool for including pdf-figure files.

A figure containing only L<sup>A</sup>T<sub>E</sub>X picture commands, can be specified as

Equations should be typed using the L<sup>A</sup>T<sub>E</sub>X commands `\begin{equation} ... \end{equation}`. For example:

$$g(\mathcal{C}) := \sum_{i=1}^m \sum_{k \in C_i} \|x_k - \bar{x}_{C_i}\|^2. \quad (1)$$

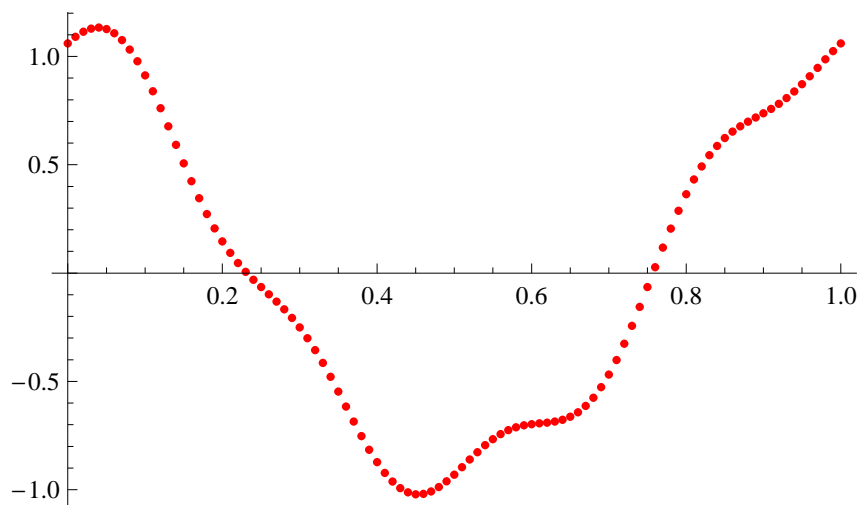


Figure 1: This is a sample of how to include an eps graphics file in your manuscript.

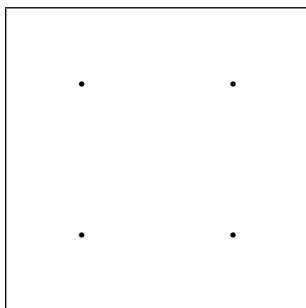


Figure 2: This is an example of a figure that uses only the  $\text{\LaTeX}$  picture commands. It contains four points.

If you do not want the equation to be numbered, use `\[` instead of `equation`. For example:

$$g(\mathcal{C}) := \sum_{i=1}^m \sum_{k \in C_i} \|x_k - \bar{x}_{C_i}\|^2.$$

More generally, concerning math typesets, one should refer to the recommendations made for the `amsmath` package, whose user guides are available on line. See for instance

**`ftp://ftp.ams.org/pub/tex/doc/amsmath/amslatex.pdf`**

or

**`ftp://ftp.ams.org/pub/tex/doc/amsmath/short-math-guide.pdf`**

## 5 Special environments

If you need to include a Theorem environment, then use the command

**Theorem 5.1** *This is a theorem.*

See Theorem 5.1.

Available environments regroup : case, conjecture, corollary, definition, example, lemma, note, problem, property, proposition, question, solution and remark.

## 6 Submission of papers, deadlines

Send both a L<sup>A</sup>T<sub>E</sub>X file and a pdf version of your paper by e-mail to

**Romeo Negrea**  
E-mail: romeo.negrea@mat.upt.ro

The attachment of your e-mail should contain:

- your paper in L<sup>A</sup>T<sub>E</sub>X **and** pdf, named with the following format:
  1. nameofthefirstauthor.tex, and
  2. nameofthefirstauthor.pdf;
- possibly pdf files for figures, and
- any other files that are necessary to typeset your manuscript in L<sup>A</sup>T<sub>E</sub>X.

The deadline for submission is **December, 2015** for contributed papers.

## 7 Specifying references

Please, use the following citation style within the text: Lepeltier (2002) (in parentheses: Lepeltier(2002)), McShane (1974). In the case of more than two authors: first author et al.

The list of references at the end of your paper must be in **alphabetical order**. You should use the style of the following specimen:

The results of this example can be found below.

## References

- [1] J.-P. Lepeltier, J. San Martin, On the existence or non-existence of solutions for certain backward stochastic differential equations, *Bernoulli*, Vol. 8, 123-137,(2002).
- [2] E.J.McShane, "Stochastic Calculus and Stochastic Models", Academic Press, New York, (1974).
- [3] R. Negrea, On the uniqueness and convergence of successive approximations for a class of stochastic differential equations, *Analele Univ. Bucuresti*, Seria Mat., vol. 52, 225-234, (2003).
- [4] R. Negrea, H. Carstea, I. Golet, On the stochastic resonance in an electronic circuits, *Proc.3<sup>rd</sup> Workshop on Electromagnetic Compatibility - CEM 2006*, Iasi, 20-21 Sept. 2006, 61-63.
- [5] E. Pardoux, S. G. Peng, Adapted solution of a backward stochastic differential equation, *Systems & Control Letters*, **14**, (1990), 55-61.

**Remark.** After the references, we must to write the address of the corresponding author, using the following form:

Marius Popescu – Department of Mathematics,  
'Politehnica' University of Timișoara,  
P-ta Victoriei 2, 300 006, Timișoara, ROMANIA  
E-mail: marius.popescu@math.utt.ro