

Moscow Computer Algebra Conference Extended Abstract Template

S.S. Ivanov¹, A.A. Petrova^{1,2}, E. Ripley³

¹*Peoples Friendship University of Russia, Russia*

²*Dorodnicyn Computing Center, Federal Research Center
“Computer Science and Control” of Russian Academy of Sciences, Russia*

³*New York University of Aeronautic, USA*

e-mail: ivanov@gmail.com, petrova@ccas.ru, ellenr@nyua.edu

Abstract. A short abstract should come here. It should be presented without using the LaTeX `\abstract` command; the `\begin{quote} .. \end{quote}` environment and the proper text formatting as in the template should be used instead. The short abstract should have between 5 and 8 lines. The complete text of the extended abstract should be up to 4 pages long in total, i.e. including all figures, tables, references and the short abstract. The text should not use the `\title` and `\author` commands either, the title and the authors of the extended abstract should be presented using the proper text formatting like in the template above.

Keywords: computer science, information technologies, conference proceedings

1. First section

It is not required to use sections in the text. If they are needed then the starred command `\section*` should be used. The sections should be numbered manually if the numbering is needed.

The entire text should contain neither the `\cite`, `\label`, and `\ref` commands, nor any `\begin .. \end` environments for presenting theorems, propositions, lemmas, equations, etc., and the same holds for the bibliography as well.

Theorems, propositions and lemmas should be presented using proper text formatting with manual numbering like this.

Theorem 1. *A statement to be proved.*

Proof. On the other hand, proofs might be presented using the `\begin{proof} .. \end{proof}` environment. □

Formulas should be labeled by the command `\eqno(N)` with a manual number N for the equation number:

$$A = B. \tag{1}$$

Tables and figures should not contain the `\caption` command. They should be numbered manually and should have captions positioned below the figures, in contrast to the caption belonging to a table, which should always appear above the table (see Fig. 1 and Table 1).

It is essential that all illustrations are as clear and as legible as possible. Vector graphics (pdf and eps) — instead of raster images — should be used for diagrams and schemas whenever possible. Raster images should have a resolution of at least 600 dpi (preferably 1200 dpi).



Figure 1. A figure caption example

Table 1. A table caption example

no	X	Y	R
1	100	170	30
2	100	90	60
3	230	250	50
4	130	240	60
5	300	130	30
6	200	150	90

All references within the text should be written manually like (1) for equations, Fig. 1 for figures, Table 1 for tables, and [1] or [1,2] for bibliography references. The bibliography should be presented using the proper text formatting as in the template below.

References

1. *Kamke E.* Differentialgleichungen. N.Y. Chelsea Publ. Co. (1947).
2. *Kolmogorov A.N.* On the concept of algorithm. Uspekhi Mat. Nauk. 1953. Vol. 8, N. 4 (56). pp. 175–176. (In Russian)