

NUMGRID2010 conference proceedings sample paper

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Abstract

It is recommended that paper abstract contain 3-5 sentences. In order to create abstract please use standard Latex environment `\begin{abstract}... \end{abstract}`.

Introduction

This Latex source file contains description of paper typesetting format for proceedings of conference "Numerical geometry, grid generation and scientific computing, 2010". Please use this file a sample for paper preparation. Please note that paper length must not exceed 8 pages.

Paper title is defined using standard command `\title` and bold font, for example `\title{\bf Paper title}`. Capital letters should be used only as starting letters of a title and for proper names.

Names of authors are defined using command `\author`, affiliation is defined using special symbols via commands `\footnotemark[1]`, `\footnotemark[2]`, `\footnotemark[3]`. Example of affiliation is included into this document. Title, author names and affiliations are included into document using command `\maketitle`.

Some sections, such as Introduction in this document can be unnumbered. It can be done using standard command `\section*{Standard}`.

Standard numbered section is created using the command `\section{Section title}`.

The font size of the paper text should be 10pt, column format, with the text field 170 mm by 235 mm, including page numbers using the following commands in preamble

```
\documentclass[twocolumn]{article}
\oddsidemargin=-0.5cm
\topmargin=-5mm
\textwidth=170mm %
```

```
\textheight=53\baselineskip %
```

```
\footskip=10mm
```

Paper should be typeset using standard set of L^AT_EX 2_ε commands and portable latex packages. One can use references [1, 2] as Latex manuals.

For import of graphics it is recommended to use packages `graphicx`, `epsfig`, `pstricks`.

1 First numbered section

Text of first numbered section.

Example of definition based on environment `\begin{definition}... \end{definition}`, defined in file preamble.

Definition 1.1 *Text of definition.*

Example of the theorem based on environment `\begin{theorem}... \end{theorem}`, defined in file preamble.

Theorem 1.1 *Text of theorem with formula inside*

$$e^{2\pi i} = 1$$

Proof. Text of the proof of Theorem 1.1, prepared using environment `\begin{proof}... \end{proof}`. □

Example of remark based on environment, defined in the preamble `\begin{remark}... \end{remark}`.

Remark 1.1 *Text of remark to Theorem 1.1 and example of automatic reference to theorem `\ref{t1}`, labeled as `\label{t1}`.*

2 Title of second section

Text of second numbered section.

2.1 Title of subsection

Text of first numbered subsection

References

- [1] H. Kopka and P. W. Daly, *A Guide to L^AT_EX 2_ε: Document Preparation for Beginners and Advanced Users*. Addison-Wesley, 1995.
- [2] L. Lamport, *L^AT_EX: A Document Preparation System*. Addison-Wesley, 1994.