

Title of the Contribution

Name1 Surname1, Name2 Surname2

1. Introduction

The maximum length of the contribution is 10 pages.

File `pdmu.sty` defines the style of contributions for the XX International Conference PDMU 2012 Proceedings. Use `pdflatex` or `latex` for translation. Commands for setting a title, text parts, environments `figure` and `table` for inserting pictures and tables, and commands for page numbering are defined in package `pdmu`.

If possible, don't use other macros, please. Nevertheless, if you use them, send them to us, especially if they are not generally available. It is necessary to make sure they will not collide with one another.

Example of a possible document:

```
\documentclass[12pt,a4paper]{article}
%% pdflatex or latex

\usepackage{pdmu}

\setcounter{page}{1} %<--- the first page number of your document

\begin{document}
\head{Title of the Contribution}{Name Surname}

\section{Title}%          Level 1
Some text...
\subsection{Title}%      Level 2
Next text...
\subsubsection{Title}%   Level 3
\end{document}
```

2. Use of Commands

2.1 Setting of the Title and Authors

The command `\head` to set the heading is defined so that its use can be as simple as possible. Original L^AT_EX macro `\maketitle` does not conform since it cannot be used repeatedly in one document. It is used for one author as follows:

```
\head{Title of the Contribution}{Name Surname},
```

it is used for more authors as follows:

```
\head{Title of the Contribution}{Name1 Surname1, Name2 Surname2}
```

2.1.1 Definitions, Theorems and Lemmas

To write definitions, theorems and lemmas use:

```

\begin{definition} ... \end{definition}
\begin{theorem} ... \end{theorem}
\begin{lemma} ... \end{lemma}

```

2.1.2 Numbering of Sections, Pictures and Tables

The command `\head` is defined to clear counters `section`, `figure`, `table`, and counting will start from number one. It means that each contribution will be numbered independently.

2.1.3 Numbering of Pages in the Document

In the document preamble you do not have to specify the command `\pagestyle{myheadings}` because it has been introduced in the package `pdmu`. This package will ensure that the numbering of the document will be performed so that the heading is blank and the page number is in footer.

2.2 Environments for Pictures and Tables

Environments `figure` and `table` in the package `pdmu` are redefined so that they cannot move to another page than the page the author has selected. The command `\caption` may be used. The numbering of pictures and tables in each contribution starts from number 1 and cross-references are implied. Use only black and white pictures.

To insert a picture into the document the following command can be used:

```

\begin{figure}
\begin{center}
\includegraphics[width=0.5\textwidth]{fig.jpg}
\caption{Example of a picture}\label{fig}
\end{center}
\end{figure}

```

Example of an inserted picture and its description:



Figure 1: Example of a picture

Example of a table and its description:

Row Heading	Column Heading	Column Heading
Row Heading	Table Text	Table Text
Row Heading	Table Text	Table Text

Table 1: Example of a table

2.3 Lists

Environments `itemize` and `enumerate` were redefined so that there might not be such large gaps between individual items.

The bulleted list in the environment `itemize`:

- Bullet 1,
- Bullet 2.

The numbered list in the environment `enumerate`:

1. Numbering 1,
2. Numbering 2.

2.4 Highlighting

Use *italics* or **sans serif** to indicate the part of the text you want to distinguish from the other text or to highlight its content.

3. References

Use the environment `thebibliography` to list bibliographic references. Title **References** is defined in the package `pdmu`. Put the list of references in the alphabetical order at the end of the contribution. To cite references use the command `\cite{...}`, for example `\cite{mann}` generates Mann (2007). Elaborate bibliographic references based on ISO 690 (2010) standards.

References

CHEN, S. S., D. L. DONOHO and M. A. SAUNDERS, 1998. Atomic decomposition by basis pursuit. *SIAM J. Sci. Comput.* 20 (1), p. 33–61.

Eurostat Home, 2012. *European Commission: Eurostat* [online]. [2008], 18.01.2012 [cit. 2012-01-19]. Accessible from: <http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home>

ISO 690, 2010. *Information and documentation – Guidelines for bibliographic references and citations to information resources*. Geneva: International Organization for Standardization.

MANN, P. S., 2007. *Introductory Statistics*. 6th Edition. Hoboken: Wiley. ISBN 978-0-471-75530-2.

4. Information about the Author (Authors)

The command `\dataautor` that has five parameters is used to set information about the author (authors).

Name1 Surname1 (including titles and ranks)
Name of the workplace
Address of the workplace (street, number, zip code,
place, country)
E-mail: xxx@xxx
Telephone: +xxx xxx xxx xxx

```
\dataautor%
{Name1 Surname1 (including...)}%
{Name of the workplace}%
{Address of the workplace (...)}%
{E-mail: xxx@xxx}%
{Telephone: +xxx xxx xxx xxx}
```

Name2 Surname2 (including titles and ranks)
Name of the workplace
Address of the workplace (street, number, zip code,
place, country)
E-mail: xxx@xxx
Telephone: +xxx xxx xxx xxx

```
\dataautor%
{Name2 Surname2 (including...)}%
{Name of the workplace}%
{Address of the workplace (...)}%
{E-mail: xxx@xxx}%
{Telephone: +xxx xxx xxx xxx}
```