

Documentation of the layout of the JTIT magazine

The editors of the journal, meeting the expectations of the authors of the articles, decided to provide the template of the article for the Latex typesetting system. It assumes that the author, deciding to typeset using Latex, has a basic knowledge of its use.

The instruction for the system that determines the appearance of the document is the `\documentclass` command, in this case it will be:

`\documentclass{jot}`

This command may be followed by instructions to include packages required for the composition of the article. The following packages are always included (do not include them again):

- **fix2col** - corrections to the two-column typesetting
- **flushend** - alignment of columns in the last column
- **enumitem** - defining numbered and unnumbered lists
- **hyperref** - activate references to text elements as hyperreferences (see section 2.1)
- **fontenc** - font layout
- **lmodern** - type of font (narrow semibold is used)
- **cite** - sorting the list of references to the bibliography, easily defining the appearance of this list

It is worth remembering about other useful packages that you can - if necessary - include:

- **accents** - defines new accents and improves the positioning of double accents
- **amsthm** - enables defining environments with a header; such as "theorem", "lemma", "definition", etc.
- **array** - allows you to define your own column types in tabular environments (tabular and array)
- **dcolumn** - facilitates positioning in columns containing floating point numbers
- **hline** - defines constructs for making borders in tables
- **multirow** - allows you to combine table fields vertically
- **rotating** - defines environments and commands for rotating objects (uses postscript)
- **subscript** - defines the `\textsubscript` macro, similar to `\textsuperscript`
- **delarray** - correct positioning of tables (array), which are enclosed in brackets (constructions `\left` and `\right`)
- **sublabel** - enables numbering of objects with a sublabel
- **moreverb** - includes new commands to extend the capabilities of verbatim environments
- **verbatim** - redefines the standard environment verbatim - allows you to create new environments of this type.

Affiliation and data of authors

Affiliation data is saved in the fields as below:

```
\Institucja{SM} - University 1 abbreviation
{University name, City, Country}
{https://www.university.website}
%
\Institucja{MS} - University 1 abbreviation
{University of Hogwarts Legacy, City, Country}
{https://www.university.website}
%
```

and so on..

Next, author footers are defined.

```
\Author{Pd.D.}{Name of author 1}
{email to author}
{https://orcid.org/0000-0000-0000-0000}
{SM} - affiliation abbreviation
{} - telephone (option, may be empty)
{}
{}
{Assistant Professor at Department name}
{}
```

and so on....

At the end of the document, the author data is displayed:

```
\def\EndNotes{}
\wyswietlnotke{1} - display first author
\wyswietlnotke{2} - display second author
```

and so on.

Common documents fields

```
\begin{document}
\begin{Abstract}
...
\end{Abstract}
...
\section{...}
...
\subsection{...}
...
\subsubsection{...}
...
\paragraph{...}
...
\begin{thebibliography}{99}
...
\bibitem{...}...
...
\end{thebibliography}
\end{document}
```

Drawings

For a single-column drawing, the om should have a maximum of 82 mm, and in practice even less, for a two-column drawing 173 mm – a 1-mm thick frame is added.

Drawings should be in the "Rysunki" directory and in PDF or EPS format - please see the examples there

Care should be taken to ensure that the appearance of the markings in the drawings is similar to the markings in the text, especially please pay attention to the consistent use of mathematical markings. We use the font Times 7-8 pt in the drawings.

Resolution of bitmap (raster) drawings should be about 200 DPI, and their size should be similar.

When attaching drawings in the eps, pdf, ps format, make sure that all fonts used in them are embedded, otherwise the markings may be replaced in the printing process by other characters (of a completely different shape).