

Instructions to authors for GRETSI

L^AT_EX 2_ε format

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Résumé — Les auteurs publiant au GRETSI et utilisant le traitement de texte L^AT_EX 2_ε trouveront ci-dessous quelques indications destinées à leur faciliter la tâche. Le fichier `gretsien.tex` qui contient le présent document respecte les contraintes fixées ; recopiez le, par exemple sous le nom `monarticle.tex`, et placez votre texte aux endroits appropriés.

Abstract — GRETSI authors who are L^AT_EX 2_ε users will find above some informations to help them. The file `gretsien.tex` which contains this document obeys the rules; copy it, with the name `mypaper.tex` for instance, and put your text in appropriate fields.

1 Document format

1.1 gretsi class

Your paper should not exceed 4 pages, including tables and figures. It should consist of 2 columns each measuring 88mm wide, with a gap of 6mm between the columns. We advise you to use the `grets.cls` L^AT_EX 2_ε class file to perform automatic page setting:

```
\documentclass{grets}
```

In your file preamble, you have to enter the following informations:

- paper title:
`\title{Paper title}`
- Christian and first names of each author, with a number linking to its address:
`\author{\coord{Pierre}{Dupont}{1},
 \coord{John}{Smith}{2}}`
- authors' addresses:
`\adresse{\affil{1}{Laboratory \\
 street, town, country}
 \affil{2}{University \\
 street, town, country}}`
- e-mail addresses:
`\email{First.Name@labo.fr, smith@univ.fr}`
- french and english written abstracts:¹
`\frenchabstract{R'esum\`e fran\c{c}ais}
\englishabstract{English written abstract}`
- then, your text, and the bibliography:
`\begin{document}
\maketitle`

Paper text

```
\begin{thebibliography}{99}
```

The references

```
\end{thebibliography}
```

```
\end{document}
```

1.2 Section and subsection

This example file uses `\section` and `\subsection`. For lower level sectioning commands, you obtain:

1.2.1 Subsubsection

By means of `\subsubsection`.

Subsubsubsection By means of `\paragraph`.

2 Tables, figures and mathematics

The title of tables should appear at the top, as in table 1.

TAB. 1: 2 to the power

n	1	2	3	4	5	6	7	8
2^n	2	4	8	16	32	64	128	256

Captions should appear below graphical objects, as in figure 1.

Including Postscript graphics files is easily performed by means of `graphics`, `graphicx` or `epsfig` packages. To insert `fig.eps` file, with automatic width adjustment, using `graphics` package, you have to enter:

¹French written abstract is optional, but highly recommended.

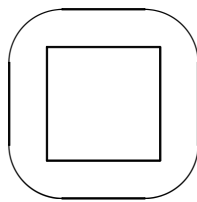


FIG. 1: a square in an oval

```
\begin{figure}[htb]
\begin{center}
\resizebox{88mm}{!}{
\includegraphics{fig.eps}}
\end{center}
\legende{title}
\end{figure}
```

With `graphicx` package, you have to enter:

```
\begin{figure}[htb]
\begin{center}
\includegraphics[width=88mm]{fig.eps}
\end{center}
\legende{title}
\end{figure}
```

With `epsfig`, you have to enter:

```
\begin{figure}[htb]
\begin{center}
\epsfig{file=fig.eps,width=88mm}
\end{center}
\legende{title}
\end{figure}
```

Mathematical formulas appearance can be improved by means of `amsmath` package from $\mathcal{A}\mathcal{M}\mathcal{S}$ - $\mathcal{L}\mathcal{A}\mathcal{T}\mathcal{E}\mathcal{X}$. They have to be numbered as formula 1:

$$F(x) = \int_{-\infty}^x f(u) du \quad (1)$$

References

- [1] M. Goossens, F Mittelbach et A. Samarin. *The $\mathcal{E}\mathcal{T}\mathcal{E}\mathcal{X}$ Companion*. Addison-Wesley, 1994.
- [2] L. Lamport. *$\mathcal{E}\mathcal{T}\mathcal{E}\mathcal{X}$ User's Guide and Reference Manual*. Addison-Wesley, 1994.