

ASTRONOMICAL JOURNAL OF AZERBAIJAN

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This is a guide for preparing papers for *Astronomical Journal of Azerbaijan* using the AJAz LaTeX package. It provides instructions for using the additional features in the document class.

Keywords: Keywords 1 – Keywords 2 – Keywords 3

1. INTRODUCTION

The journal *Astronomical Journal of Azerbaijan* (AJAz) encourages authors to prepare their papers using L^AT_EX. The style file `ajaz.cls` can be used to approximate the final appearance of the journal, and provides numerous features to simplify the preparation of papers. This document, `sample.tex`, provides guidance on using that style file and the features it enables.

2. AJAZ PACKAGE

To use the AJAz package, simply specify `ajaz` as the document class at the start of a `.tex` file:

```
\documentclass{AJAz}
```

Then compile LaTeX.

3. PREPARING AND SUBMITTING PAPER

We recommend that you start with a copy of the `sample.tex` file. Rename the file, update the information on the title page, and then work on the text of your paper.

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If a paper is admitted, it is professionally typeset and copyedited by the publishers. It is hence presumable that minor changes to the presentation will occur. For this cause, we ask authors to ignore insignificant aspects such as unimportantly long lines, extra blank spaces, or misplaced figures, because these details will be dealt with during the production process.

4. TITLE PAGE

If you are using `sample.tex` the necessary code for generating the title page, headers and footers is already present. Simply edit the title, author list, institutions, abstract and keywords as described below.

4.1. header of paper

```
\rtitle{Astronomical Journal of Azerbaijan}
\rauthor{A. A. Author1 \& A. A. Author2}
```

If the title is too long then write a **short version** of it. If there are 3 and more authors write the **first author name and et al.**

```
\rtitle{Astronomical Journal of Azerbaijan...}
\rauthor{A. A. Author1 et al.}
```

4.2. Authors and institutions

Affiliations should be in the format 'Department, Institution, City, Country'.

```
\setaffiliation1{Department1, Institute1, City1, Country1}
\setaffiliation2{Department2, Institute2, City2, Country2}
\setauthor{R. F.}{Ismayilli}{1}
\email{r.ismayilli@shao.science.az}
\setauthor{A. A.}{Author2}{2}
```

For one author the instruction described as below

```
\affiliation{Department, Institution, City, Country}
\author{R. F.}{Ismayilli}
\email{r.ismayilli@shao.science.az}
```

4.3. Abstract and keywords

```
\abstract{text. \\
\textbf{Keywords:} {Keywords 1 -- Keywords 2 -- Keywords 3}
}
```

There is a list of permitted keywords, which is agreed between all the major astronomy journals and revised every few years. Do *not* make up new keywords!

5. SECTIONS

Sections are entered in the usual way, using `\section{}` and its variants.

Lists can be used in AJAz – numbered and unnumbered.

For a numbered list, use the `enumerate` environment:

```
\begin{enumerate}
\item First item
\item Second item
\end{enumerate}
```

which produces

1. First item
2. Second item

For an unnumbered list, use the `description` environment without the optional argument:

```
\begin{description}
\item First item
\item Second item
\end{description}
```

which produces

- First item
- Second item

You can use `itemize` environment as well.

6. EQUATION

Equations should be entered using the `equation` environment, which automatically numbers them:

```
\begin{equation}
\label{eqn1}
a^2=b^2+c^2
\end{equation}
```

which produces

$$a^2 = b^2 + c^2 \tag{1}$$

By default, the equations are numbered sequentially throughout the whole paper and you reference them by using code `\ref{eqn1}` which is producing as Equ. 1

7. FIGURES AND TABLES

Figures and tables (collectively called ‘floats’) are mostly the same as built into L^AT_EX.

7.1. Basic examples

Table 1: An example table

Example		
Column 1	Column 2	Column 3
1	2	3

The example Table 1 was generated using the code:

```
\begin{table}[h!]
\centering
\caption{An example table}
\label{tab1}
\begin{tabular}{|c|c|c|}
\hline
\multicolumn{3}{|c|}{Example} \\
\hline
\quad Column 1 \quad & \quad Column 2 \quad & \quad Column 3 \quad \\
\end{tabular}
```

```

1 & 2 & 3 \\
\hline
\end{tabular}
\end{table}

```



Fig. 1: Shamakhy Astrophysical Observatory

Figures are inserted in the usual way using a **figure** environment and `\includegraphics`. The example Figure 1 was generated using the code:

```

\begin{figure}[h!]
\centering
\includegraphics[width=0.9\textwidth, height=0.8\textheight]{fig1}
\caption{Shamakhy Astrophysical Observatory}
\label{fig1}
\end{figure}

```

8. CITATIONS

Each entry in the reference list has a ‘key’ which is used to generate citations.

`\cite{1}` produces a bracketed (parenthetical) citation: [1]

REFERENCES

1. Author A. A., AJAz, 2019, **10**, 50