A Sample for the Journal of the Society for Art and Science (LaTeX Version)

Taro Geijutsu[1)]   Jiro Kagaku[2)]

1) Graduate School of Art and Science, The University for Art and Science
2) Department of Art and Science, The University for Art and Science

{taro, jiro} (at) art-science.ac.jp

Abstract

This paper presents the LaTeX version of a sample for the Journal of the Society for Art and Science.

1 Introduction

This document is a sample for Journal of the Society for Art and Science. We provide this sample in two formats: MS WORD and LaTeX.

2 Format

2.1 Page setting

Please set the size of pages as "A4", not "Letter". There is no limitation in the number of pages. However, the word count of the main body text must satisfy the following guideline.

Short-Paper: The number of words in the main body must not exceed 1500.

Full-Paper: The number of words in the main body text must be between 1500 and 9000.

If you wish to submit a longer paper, it must be submitted in a separate file(s) as an appendix.

2.2 Contents

Please indicate the following information in the beginning of the paper, as this sample indicates:

- Title
- Author names
- Author affiliations
- Contact e-mail addresses (option)
- Abstract

Then please describe the following contents as the body of the paper in two-column format.

- Body text
- References
- Figures and tables

By the way, the review process of this journal is not double-blind. Therefore, **please do not delete author information on the review paper.**

3 Detailed specifications

3.1 Header and footer

The headers and the footers of this sample document show the conference name and the page numbers, respectively. The authors do not have to edit the footers and headers since the headers and footers will be edited by the publication chairs.

3.2 Section

It is strongly recommended to divide the body text into several sections. Using LaTeX commands "section", "subsection", and "subsubsection" is also strongly recommended.

3.3 Figures and tables

It is required to indicate titles of all figures and tables with their sequential numbers. Also, it is required to refer all figures and tables from body text with the numbers. **Titles of figures must be inserted immediately below the figures themselves**, as shown in Figure 1.
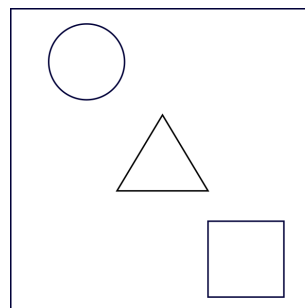

Figure 1: Example of figure.

Titles of tables must be inserted directly above the tables themselves, as shown in Table 1.

Table 1: Example of table

	Math	English	Japanese
Taro	68	91	34
Jiro	53	12	97

This sample uses 'H' option in the figure/table environments. This option may be changed as appropriate.

Figure 2 shows an example for figure in one column using '`figure*`' environment.

3.4 Formulas

In-text formulas may be surrounded by any proper math open/close pair \(and \), such as $x^2 + y^2 \leq 1$.

It is recommended to use 'equation' environment for displayed formulas.

$$\mathbf{A}_p = \frac{\mathbf{A} \cdot \mathbf{B}}{|\mathbf{B}|^2}\mathbf{B}. \tag{1}$$

Use `\eqref` command for referring to formulas rather than `\ref`. `\eqref` works exactly like `\ref` except that it adds parentheses, i.e, instead of printing a plain number '1', it will print '(1)'.

For a sequence of two or more related formulas (equations), use the 'align' environment to line them up at equal (or unequal) signs instead of 'equation' environment. As shown in the formula (2):

$$\begin{bmatrix} a_{11} & a_{12} & \cdots & a_{1n} \\ a_{21} & a_{22} & \cdots & a_{2n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m1} & a_{m2} & \cdots & a_{mn} \end{bmatrix} \otimes \begin{bmatrix} b_{11} & b_{12} & \cdots & b_{1n} \\ b_{21} & b_{22} & \cdots & b_{2n} \\ \vdots & \vdots & \ddots & \vdots \\ b_{m1} & b_{m2} & \cdots & b_{mn} \end{bmatrix}$$
$$= \sum_i^m \sum_j^n a_{ij}b_{ij}. \tag{2}$$

It is recommended that do not use 'eqnarray' environment, because 'eqnarray' has several serious shortcomings.

3.5 References

Please list all the cited references at the end of the body text. All the references must be sequentially numbered, and must be cited from the body text.

An example [1] is shown in the section of the references in this sample. It is recommended to describe author names, title, name of magazines or conferences, page numbers, and issued year. Publisher and ISBN number are also useful information. The above information is not required while citing non-document references such as Web pages[2].

3.6 Biographies

Biographies of the authors must be described in the last lines of the paper. The number of words per author must be around 100 words. Examples are given in the end of this sample document.

3.7 Fonts

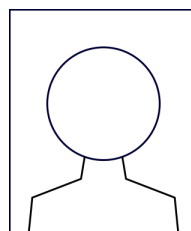It is recommended to use the same fonts as in this sample document.

4 Conclusion

This sample has described formats and detailed rules of the papers for the journal of the society for art and science. We appreciate if you kindly report any troubles or inconveniences of this sample.

References

[1] T. Itoh, Y. Yamaguchi, Y. Ikehata, and Y. Kajinaga. Hierarchical Data Visualization Using a Fast Rectangle-Packing Algorithm. *IEEE Transactions on Visualization and Computer Graphics*, 10:302–313, 2004.

[2] The Society for Art and Science. Top Page of "The Society for Art and Science". `https://art-science.org/`. Accessed: Jan-1, 2024.

Taro Geijutsu

Taro Geijutsu is a doctor course student at the Graduate School of Art and Science, University for Art and Science from 2005. He recieved his M.S. degree from University for Art and Science in 2001. His research interest includes Art and Science. He is a member of ACM, IEEE, The Society for Art And Science.
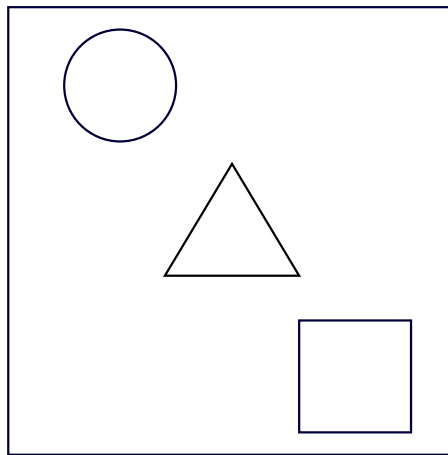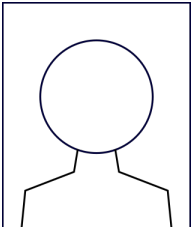
Figure 2: Example of figure in one column

Jiro Kagaku

Jiro Kagaku is an associate professor of Department of Art and Science at The University for Art and Science. He recieved a B.E. in machinery engineering in 1990 from the University of Somewhere. He recieved a M.E. in machinery engineering in 1992 from the University of Somewhere. He earned his Dr.Eng, in precision machinery engineering from the University of Somewhere in 1997. He worked on assistant professor of Department of Art and Science at University for Art and Science from 2005. He is currently an associate professor. His research interests is a point of agreement the Art and Science. He is a member of ACM, IEEE, The Society for Art And Science.