Instructions to Authors

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Abstract: *This guide provides instructions for preparation of camera ready copies for the Bulletin of IRSS. Please submit a copy of your camera ready papers to the editors' office, the address of which is attached below. (Electronic submission is preferable.)*

Keywords: Bulletin, Instructions.

1 Introduction

This guide provides instructions for preparation of camera ready copies for the Bulletin of IRSS.

This guide also demonstrates the use of Latex. If you do not use Latex, then please format your paper as closely as possible to this guide.

2 General Instructions

Your paper should be

- a maximum of eight (8) pages,
- in font size 10 point,
- in two columns.

2.1 Page Numbering

The camera ready copy should not have any page numbers.

2.2 Identification

Make certain that your name is written lightly in pencil on the back of every page, and number pages sequentially (i.e., 1/8, 2/8, ...).

2.3 Text Location and Size

Ideally, the text height should be 24.5cm, the text width should be 17cm, and the column separation should be 7mm. If you are using A4 paper, then this will leave 2cm margins on the left and right. If you are using 8.5" × 11.5" paper, then please centre the text.

Please conform to these dimensions as closely as possible.

2.4 Submitting Your Paper

Please post your paper to:

```
Shusaku Tsumoto
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1-5-45 Yushima, Bunkyo-city
Tokyo 113 Japan
E-mail: tsumoto@computer.org
```

Electronic submission is encouraged.

3 Latex Instructions

The birss.sty file should be in the directory in which you will run Latex.

Begin your file with the command

```
\documentstyle[10pt,birss]{article}
```

You then need the following commands:

```
\begin{document}
\title
\author
\keywords
\abstract
\maketitle
```

For example:

```
\documentstyle[10pt,birss]{article}
\begin{document}
\title{The Bulletin Latex Camera Ready
       Instructions}
\author{
  {\bf Shusaku Tsumoto} \hfill
       tsumoto@computer.org
       \\ ...
}
\keywords{Bulletin,
```

```
          Camera Ready Instructions}
\abstract{ ... }
\maketitle
```

If your title is longer than a single line then you will have to use the protect command followed by two slashes. For example:

```
\title{The Bulletin Camera Ready
       \protect\\
       Instructions}
```

5.0in

3.1 Two Column Mode in Latex

The two column mode in Latex is tricky. When in two column mode, `\newpage` ends the current column rather than the current page, `\clearpage` ends the page.

```
\begin{figure}
```

produces a figure which is a single column wide, while

```
\begin{figure*}
```

produces a figure which is two columns wide.

```
\begin{table}
```

produces a table which is a single column wide, while

```
\begin{table*}
```

produces a table which is two columns wide.

3.2 Including Postscript Figures

To include postscript figures you can use the command:

```
        \input epsf
```

at the top of the document before the documentstyle command.

Sometimes it is difficult to fit a figure into a column. If you wish to include a postscript figure which is wider than a column, you can use the figure* command. For example:

```
\begin{figure*}[htb]
```

Figure 1 is an example of a postscript figure which crosses two columns. You should be able to use the following sequence to include the postscript figure in Figure 1.

```
\setlength{\epsfxsize}{3.0in}
\begin{figure*}[htb]
  \begin{center}
        \
        \epsfbox{roughfig.eps}
  \end{center}
  \vskip -0.1in
  \caption{A Distribution}
  \label{FigMixture}
\end{figure*}
```

3.3 Recommended Bibliography Style

Please see the tail of this document[1, 2, 3]. You should use the command:

```
\begin{thebibliography}{9}
%
\bibitem{Pawlak} Pawlak, Z. (1991).
{\it Rough Sets}.
Kluwer Academic Publishers, Dordrecht.
%
\bibitem{Tsumoto}Tsumoto, S. and Tanaka, H.
(1995). Algebraic Formulation of Empirical
Learning Methods
based on Rough Sets and Matroid Theory.
in: De Glas, M. and Pawlak, Z. (eds.),
{\it Proceedings of Second World Conference
on the Fundamentals of Artificial
Intelligence}, Angkor, Paris, pp.393-404.
%
\bibitem{Ziarko} Ziarko, W. (1993).
Variable Precision Rough Set Model.
{\it Journal of Computer and System
Sciences},
{\bf 46}, 39-59.
%
\end{thebibliography}
%
```

Acknowledgments

You should use the command:

```
\subsection*{Acknowledgments}
```

This file and the birss.sty file are adapted from the instructions for authors from the ISIS 96 workshop, the isisCR.sty, which is based on the document style for the 'Informatica' journal developed by Borut Znidar, and the MAIC Communications style by Xindong Wu.

References

[1] Pawlak, Z. (1991). *Rough Sets.* Kluwer Academic Publishers, Dordrecht.

[2] Tsumoto, S. and Tanaka, H.
Algebraic Formulation of Empirical Learning Methods based on Rough Sets and Matroid Theory. in: De Glas, M. and Pawlak, Z. (eds.), *Proceedings of Second World Conference on the Fundamentals of Artificial Intelligence*, Angkor, Paris, pp.393-404, 1995.

[3] Ziarko, W. (1993). Variable Precision Rough Set Model. *Journal of Computer and System Sciences*, **46**, 39-59.

roughfig.eps

Figure 1: Lower and Upper Approximation