

# THE ICGA ARTICLE STYLE FOR L<sup>A</sup>T<sub>E</sub>X

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## ABSTRACT

This sample file contains the instructions for authors who wish to submit to ICGA Journal electronically using L<sup>A</sup>T<sub>E</sub>X 2e.

## 1. INSTRUCTIONS

The ICGA L<sup>A</sup>T<sub>E</sub>X environment consists of a L<sup>A</sup>T<sub>E</sub>X 2e-class file (`icga.cls`) and an accompanying BIB<sub>T</sub>E<sub>X</sub>-style file (`icgacite.bst`). Both files have to be installed in the proper subdirectories of your local L<sup>A</sup>T<sub>E</sub>X system. For a good reference to L<sup>A</sup>T<sub>E</sub>X see Donkers *et al.* (1997).

### 1.1 Required Packages

The L<sup>A</sup>T<sub>E</sub>X-class file (`icga.cls`) is based on the standard article-style, but it requires some additional packages that you might need to obtain:

```
times.sty (Standard in LaTeX PSNFSS distribution)
float.sty (Standard in LaTeX distribution)
geometry.sty (v3.2) obtainable at CTAN
fancyhdr.sty (v2.0) obtainable at CTAN
```

These packages can easily be downloaded from CTAN (See for instance Williams, 2000).

### 1.2 Front Matter

The following items should be present in the front matter of the paper:

<pre>\documentclass{icga} \usepackage{...} \newcommand{...} \title{SOLVING TICTACTOE BY FULL SEARCH} \runningtitle{Solving TicTacToe} \author{Jeroen Donkers\thanks{email: xx.zz} and Floris Wiesman\thanks{email: xx.yy}} \affiliation{Maastricht, The Netherlands} \begin{document} \maketitle</pre>	<p>Use the ICGA class (no options!).</p> <p>Declare packages you will be using</p> <p>Define your own commands here.</p> <p>The main title in uppercase.</p> <p>A shorter title that appears on every page.</p> <p>Authors with detailed info.</p> <p>Affiliation.</p> <p>Don't forget this statement!</p>
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Only use packages that are commonly available or send the packages you use along with your L<sup>A</sup>T<sub>E</sub>X source. Put all newly defined commands in the preamble.

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### 1.3 Capitals in Headings

Please capitalize (cap/lc) the main words in section headings.

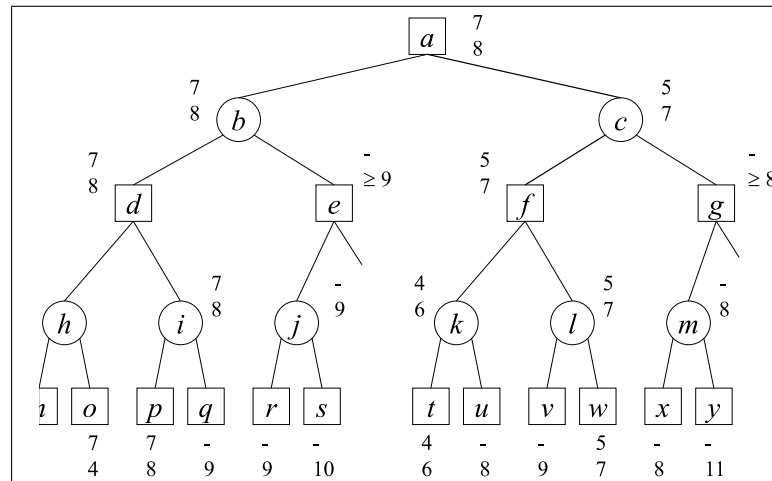
### 1.4 Tables and Figures

Tables and Figures must be centered (see Table 1 and Figure 1):

Mode	NegaScout	SSS	MiniMax
Open	0.53	0.99	0.70
Closed	0.60	1.0	1.0

**Table 1:** Probabilities of a *correct* answer for the three experiments.

You may enclose your figures in a single-line box (using `\fbox{ }`):



**Figure 1:** Beta-pruning example tree.

### 1.5 Citations and References

The ICGA-class uses an extended set of citation mechanisms. Instead of the normal `\cite{ }`, you have to use one of:

`\citeaby{knuth75}`, which renders ‘Knuth *et al.* (1975)’,  
`\citebay{knuth75}`, which renders ‘(Knuth *et al.*, 1975)’,  
`\citeay{knuth75}`, which renders ‘Knuth *et al.*, 1975’,  
`\citeby{knuth75}`, which renders ‘(1975)’, or  
`\citey{knuth75}`, which renders ‘1975’.

You can put multiple citations into one `\citexxx` statement, but make sure that the citations are separated only by comma’s and not by any additional blanks. If a reference has three authors, then in the first citation all three authors will appear, but in subsequent citations only the first author *et al* is produced, like in: Donkers *et al.* (1997).

To allow these extended citations, you will have to use `\icgabibitem` instead of the normal `\bibitem`. This macro takes five parameters:

1. The full list of authors (up to three)
2. The authors (including *et al.*, if needed),
3. The year,
4. The label,
5. The text.

If a reference has more than two author, use the macro `\etal` to add *et al* to the author.

```
\begin{\thebibliography}
\icgabibitem{Goossens, Mittelbach and Samarion}{Goossens{\etal}}{1997}{goossens97}{
Goossens M. Mittelbach F., and Samarion A. (1997).
{\em The \LaTeX\ Companion}. Addison-Wesley, Reading, Massachusetts.}
\icgabibitem{Donkers and Wiesman}{Donkers and Wiesman}{1999}{donkers99}{
Donkers H.H.L.M. and Wiesman F. (1999).
{\em The ICGA Article Style for \LaTeX\}. University of
Maastricht, The Netherlands.}
\icgabibitem{Pierce, Johnson, and Fuya}{Pierce{\etal}}{1984}{Pierce84}{
Pierce, A., Johnson, I., and Fuya, G. (1984).
{\em How to use \LaTeX\ properly}. The Book Press, Austin, Texas.}
\end{\thebibliography}
```

For the correct format of the references, see the author instruction on the ICGA web pages.

## 1.6 Using BIB<sub>T</sub>E<sub>X</sub>

However, we prefer that you use BIB<sub>T</sub>E<sub>X</sub> for your references. To include the references, use the following statement:

```
\bibliography{bib-name} | Bib-name is the name of your BIBTEX file.
```

Do not add a `\bibliographystyle{}` command, the style automatically selects the `icgacite.bst` style. In this BIB<sub>T</sub>E<sub>X</sub> style, we added some extra features. You can use the next fields:

```
isbn = | ISBN number of the publication.
issn = | ISSN number of the publication.
url = | Web address.
```

Furthermore, we added a new BIB<sub>T</sub>E<sub>X</sub> entry type:

```
@webpage{key = "erics98",
author = "Peter Ericson",
year = "1998",
title = "My Homepage",
url = "http://www.ai.com/~erics"
} | Title of the page.
| Web address.
```

## 2. REFERENCES

Donkers, H. H. L. M. (2000), ICGA L<sub>T</sub>E<sub>X</sub> style page. <http://www.cs.unimaas.nl/~icga>.

Donkers, H., Goossens, M., Mittelbach, F., and Samarion, A. (1997). *The L<sub>T</sub>E<sub>X</sub> Companion*. Addison Wesley, Reading, Massachusetts. ISBN 0-201-54199-6.

Williams, G. (2000), The T<sub>E</sub>X Catalogue Online. <http://www.tex.ac.uk/tex-archive/help/Catalogue/catalogue.html>.

### 3. APPENDICES

#### APPENDIX A: HOW TO USE APPENDICES

Place Appendices *behind* the bibliography. Start the appendices either with the command `\appendix` or enclose them with `\begin{appendix}` and `\end{appendix}`.

Start every appendix with a `\section{appendix-name}`.