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A Demonstration of the LaTeX 2$_\varepsilon$ Class File for the Numerical Mathematics: A Journal of Chinese Universities (English Series)[†]

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Abstract. This paper describes the use of the LaTeX 2$_\varepsilon$ nm.cls class file for setting papers for the *Numerical Mathematics: A Journal of Chinese Universities (English Series).*

Key words: LaTeX 2$_\varepsilon$

1 Introduction

This paper is described how to use the nm.cls[‡] class file for publication in the *Numerical Mathematics: A Journal of Chinese Universities (English Series).* The nm.cls class file preserves much of the standard LaTeX 2$_\varepsilon$ interface so that authors can easily convert their standard LaTeX 2$_\varepsilon$ article style files to the nm style.

2 Preparation of Manuscript

The Title Page should contain the article title, authors' names and complete affiliations, footnotes to the title, and the postal address for manuscript correspondence (including e-mail address and fax numbers). The Abstract should provide a brief summary of the main findings of the paper.

References should be cited in the text by a number in square brackets. Literature cited should appear on a separate page at the end of the article and should be styled and punctuated using standard abbreviations for journals (see Chemical Abstracts Service Source Index, 1989). For unpublished lectures of symposia, include title of paper, name of sponsoring society in full, and date. Give titles of unpublished reports with "(unpublished)" following the reference. Only articles that have been published or are in press should be included in the references. Unpublished results or personal communications should be cited as such in the text. Please note the sample at the end of this paper.

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[†]Please ensure you use the most up to date class file, available from the global-sci homepage at http://www.global-sci.org/
[‡]Current verions is 1.0.

Equations should be typewritten whenever possible and the number placed in parentheses at the right margin. Reference to equations should use the form "Eq. (1)" or simply "(1)." Superscripts and subscripts should be typed or handwritten clearly above and below the line, respectively.

Figures should be in a finished form suitable for publication. Number figures consecutively with Arabic numerals. Lettering on drawings should be of professional quality or generated by high-resolution computer graphics and must be large enough to withstand appropriate reduction for publication.

3 Header Information

The heading for any file using nm.cls is like this;

```
\documentclass{nm}

\begin{document}

\title{Make the Title in Title Case}

\author[An Author et.~al]{First Author\affil{1},
Second Author\affil{2}\comma\corrauth
\and Third Author\affil{1}}

\address{\affilnum{1}\ Address for first and third authors \\
\affilnum{2}\ Address for second author}

\corraddr{Author, Address for first author. Email: \tt numer@nju.edu.cn}

\begin{abstract}
Text here, no equation, no citation, no reference.
\end{abstract}

\keywords{list here}

\maketitle

\section{First Section}

\end{document}
```

4 Some Remarks

4.1 Mathematics

nm.cls makes the full functionality of $\mathcal{A}\mathcal{M}\mathcal{S}$TEX available. We encourage the use of the align, gather and multine environments for displayed mathematics.

4.2 Cross-referencing

The use of the LaTeXcross-reference system for figures, tables, equations and citations is encouraged.

Acknowledgments

The author would like to thank ....

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