

Instructions to authors for the extended abstract

First Author¹, Second Author², and Third Author¹

⁽¹⁾Affiliation 1, e-mail addresses

⁽²⁾Affiliation 2, e-mail address

Summary. This article describes the use of `nscm-32.cls` class file for authors using $\text{\LaTeX} 2_{\epsilon}$ computer typesetting system for extended abstracts to the *Proceedings of the NSCM-32*. The extended abstract should start with a summary, which should be less than about one hundred words.

Key words: class file, instructions, NSCM-32

Introduction

The seminar proceedings will consist of an e-book containing the extended abstracts. Authors should submit the extended abstract via electronic mail to the address `nscm32@oulu.fi`. For deadlines, see the conference web pages at <http://www.oulu.fi/nscm32>. The Extended Abstract should be written following the format described in this file, which is available from the conference website.

The speaker and the contact author should match. The speaker must register and pay the registration fee for the Extended Abstract to be included in the proceedings and final programme of the Seminar. The Extended Abstract must be written in English and the length including figures, tables and references should be between two and four pages.

The front page

Using the class file `nscm-32.cls` the title and authors can be defined as in the present instructions:

```
\title{Instructions to authors for the extended abstract}  
\author{First Author, Second Author and Third Author}
```

After the document opening, i.e. after the `\begin{document}` command follows the summary, using the `summary`-environment as:

```
\begin{summary}  
The text of the summary here  
\end{summary}
```

After the summary four to then key words should be provided using the `keywords`-environment:

```
\begin{keywords}  
keyword1, keyword2  
\end{keywords}
```

After key words the start the essential body of the text.

Please notice: in the title and section headings use capitals minimally, as in an ordinary sentence.

Table 1. Bold greek symbols.

small		small		capital	
command	result	command	result	command	result
<code>\balpha</code>	α	<code>\bmu</code>	μ	<code>\bGamma</code>	Γ
<code>\bbeta</code>	β	<code>\bnu</code>	ν	<code>\bDelta</code>	Δ
<code>\bgamma</code>	γ	<code>\bxi</code>	ξ	<code>\bTheta</code>	Θ
<code>\bdelta</code>	δ	<code>\brho</code>	ρ	<code>\bLambda</code>	Λ
<code>\bepsilon</code>	ϵ	<code>\bsigma</code>	σ	<code>\bXi</code>	Ξ
<code>\bvepsilon</code>	ε	<code>\bttau</code>	τ	<code>\bPi</code>	Π
<code>\bzeta</code>	ζ	<code>\bphi</code>	ϕ	<code>\bSigma</code>	Σ
<code>\bet</code>	η	<code>\bvphi</code>	φ	<code>\bPhi</code>	Φ
<code>\btheta</code>	θ	<code>\bchi</code>	χ	<code>\bPsi</code>	Ψ
<code>\bkappa</code>	κ	<code>\bpsi</code>	ψ	<code>\bOmega</code>	Ω
<code>\blambda</code>	λ	<code>\bomega</code>	ω		

L^AT_EX 2_ε definitions

The class file `nscm-32.cls` automatically includes the following macro packages: `amsfonts`, `amsmath`, `amssymb`, `amsbsy`, `booktabs`, `calc`, `epsfig`, `graphicx`, `lastpage`, `paralist`, `stmaryrd`.

Encoding is defined as `\RequirePackage[utf8]{inputenc}` and some mathematical operators and bold greek alphabets are defined in the class file.

The body of the extended abstract

Standard text

The article should be divided into sections using the command `\section{.}` and possibly in subsections with command `\section{.}`. The section titles appear without numbers.

Mathematical formulas

Mathematical formulas should be centered and the equation numbers placed in the right hand side as

$$f(\sigma_{ij}, K^\alpha) = \sqrt{3J_2} - \sigma_{y0} - K = 0, \quad (1)$$

where J_2 is the second invariant of the deviatoric stress tensor.

Tables

In producing tables clarity should be emphasised. The following simple rules should be respected: In the class file `nscm-32.cls` the package `booktabs` is included. The possibilities of this package can be utilized, see table 1, or reference [3].

Figures

The figures should be clear, readable and uniquely defined. In the online version of the journal color pictures are possible, but the author should take into account that the figures are readable also in the print version. An example, see figure 1.

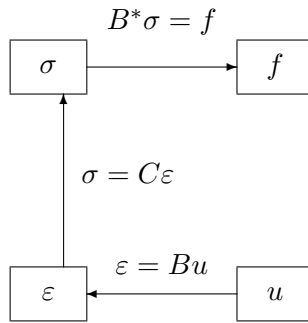


Figure 1. The dual structure of continuum mechanics.

List of references

The list of references can be done either using numbered list or by using the Harvard style. This example file is produced using the numbered list in the `LATEXthebibliography` environment. The authors should respect the standard Bib_TE_X:n style. The citations to books can be done like [1] and to articles like [2].

References

- [1] W. Flügge. *Stresses in Shells*. Springer-Verlag, Berlin/Heidelberg/New York, 1967.
- [2] A.E.H Love. The small free vibrations and deformation of a thin elastic shell. *Philosophical Transactions of the Royal Society of London. (A.)*, 179:491–546, 1888.
- [3] F. Mittelbach and M. Goossens. *The L^AT_EX Companion*, Addison-Wesley, 2. painos, 2004.