

Formal Requirements for the Papers Submitted to the “Acta Technica Jaurinensis” Periodical

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Abstract: These instructions give you guidelines for preparing manuscripts for the ACTA TECHNICA JAURINENSIS journal. Use this document as a template if you are using Microsoft Word 13 or later. Otherwise, use this document as an instruction set. Define all symbols used in the abstract. Do not cite references in the abstract. The length of the abstract must be at least 150 words and maximum 250 words.

Keywords: *Minimum 3 maximum 5 key words or phrases in alphabetical order, separated by semicolons*

I. INTRODUCTION

Acta Technica Jaurinensis is a peer reviewed scientific journal published by the Széchenyi István University, Győr. It was founded in 2008. The journal is published on terminally. The main scope of Acta Technica Jaurinensis is to provide a publication possibility related to the following topics: vehicle, mechanical engineering and mechatronics; transportation science and logistics; architecture, civil and agricultural engineering; information technology and electrical engineering. We are ready to publish any short original publication, new research result as well as review articles covering broader topics. The subject matter can be theory, methodology, empirical studies and applications.

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II. METHODS

The name(s) of the author(s) has/have to be given in the following way: whole first name and whole surname. Please avoid adding the different titles of the author(s). In the header, author names are expected in

the “C. Surname” format where “C” is the initial of the first name. In the case of 2 authors give the names of each author, between the names use “and”, over 3 authors give the names of the first authors, then use the expression “et al.”.

Do not format anything in the paper, use only pre-defined styles, and do not add any new style. There is only one exception: tables can only be formatted individually using Microsoft Word’s “format table”.

III. EXAMPLES OF THE ELEMENTS OF A DOCUMENT

1. Placing figures and tables in the text

In case of placing figures and tables use a Text Box. The text box includes the figure or table and its caption. The text box fitting must be square type in the “wrap text” option. Normally the width of figures and tables must not be wider than 7 cm to fit in a column. If it is necessary to use wider tables or figures, it can be used 15.5 cm wide, but in this case it must be fit to the top or the bottom of the page like Table 2.

A. Placing images, figures in the text

Insert pictures, images and figures in a separate paragraph. The caption should be numbered manually, according to the pattern shown in **Fig. 1**. In the text

box, the caption name must be full (i.e. Figure 1) but in the text reference, it must be in short form (i.e. Fig. 1). The resolution should be at least 300 dpi.

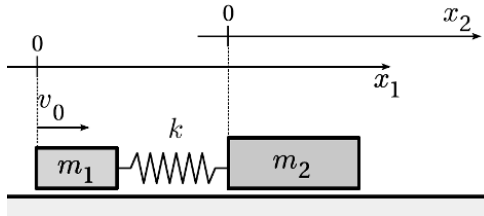


Figure 1. Figure caption.

B. Tables in the text

The table should be centered, and the relevant caption should be placed above the table (see **Table 1**). Tables should be as simple as possible. Do not use picture for tables. Do not forget to use table caption style.

Table 1. Table caption

Column A	Column B	Column C
100 %	50	2
90 %	38	4
80 %	34	0
70 %	20	2

2. Formulas in the text

The following conventions should be taken into account.

- Formulas and mathematical symbols should be created with an equation/formula editor, and should be numbered manually.
- Do not use picture for equations.
- Formulas should be written in a consistent manner throughout the whole document.
- Do not use the letter x as a sign of multiplication (as it is the sign of the Cartesian product).

Numbers should have normal (not italic) format in the formula. You can see some examples of equations (1) to (3).

$$(x + a)^n = \sum_{k=0}^n \binom{n}{k} x^k a^{n-k} \quad (1)$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \quad (2)$$

$$\cos \alpha + \cos \beta = 2 \cos \frac{1}{2}(\alpha + \beta) \cos \frac{1}{2}(\alpha - \beta) \quad (3)$$

3. References in the text

The author(s) takes/take the full responsibility for the accuracy of their references. The format of references must be uniform and consistent with the instructions below. All publications cited in the text should be referred to by a number in square brackets (e.g., [1]). Concatenation of references (e.g., [1-4]) is not allowed. Note that only one reference belongs to one number. Use “Cite” style for left alignment and automatic numbering. All doi numbers should be represented if available, and use “Shift – Enter” keys for new line break.

The examples of references of papers in English [1], papers in other languages [2], books [3], book chapters [4], conference proceedings [5], theses [6], standards [7], patents [8] and online [9] are shown in References. If the page numbering of the journal is not continuous within one year, the article ID should be given instead of the page numbers [10]. The doi number and URL must be hyperlinks [1] [3] [5] according to Link style.

In the list of references author names are expected in the “C. Family” format where “C” is the initial of the first name. Till there are 3 authors, give the names of each author [2], over 3 authors give the names of the first 2 authors, then use et al. [11]. Provide the complete title of publication (title of paper, book,

Table 2. Table caption

Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H
100 %	50	2	2	2	2	2	2
90 %	38	4	2	2	2	2	2
80 %	34	0	2	2	2	2	2
70 %	20	2	2	2	2	2	2

book chapter, standard, patent). Do not abbreviate journal or conference names, e.g. write "Transactions on Medical Imaging" instead of "Trans Med Imaging".

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AUTHOR CONTRIBUTIONS

A. Author: Conceptualization, Experiments, Theoretical analysis.

B. Author: Finite element modelling, Writing, Review and editing.

C. Author: Supervision, Review and editing.

DISCLOSURE STATEMENT

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

ORCID

If the authors have ORCID identification, it may be given in this section. Firstname Surname <http://orcid.org/0000-0000-0000-0000> Firstname Surname <http://orcid.org/0000-0000-0000-0000>

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