

Basic requirements for preparing manuscripts for Acta Technica

We do not accept papers that are trivial or erroneous. They should contain some interesting idea or ideas. English must be reasonably understandable. The details follow.

1. Text

Text should be written in one column in TEX or MS Word.

Title: It is recommended to use not more than twelve words. Definite and indefinite articles may be omitted.

Names of the Authors: Full names are required (both given names and surnames).

Workshops of the authors: Full address together with the ZIP code. E-mails are facultative and their publishing depends on whether the authors wish it or not.

Abstract: Journal Acta Technica requires the following structure of abstract.

Something is done (analysed, proposed, investigated etc.). To reach this goal specified methods (techniques, algorithms) are used (why). The method brings such and such results. The results are better (in comparison with existing techniques) in the following aspects (higher accuracy, faster calculation, etc.). The proposed methodology has the following advantages and drawbacks ... and may be applied ...

Abstract must not contain stories that can be written in Introduction

Abbreviations: If abbreviation is used, its signification must be explained at its first occurrence.

Key words: four–eight key words may be presented in the list.

The text is usually divided to sections, subsections and subsubsections. They are all numbered and written in boldface letters.

Sections: They are written in uppercase letters. Example:

1. INTRODUCTION
2. FORMULATION OF THE PROBLEM

3. MATHEMATICAL MODEL

4.

5. CONCLUSION

ACKNOWLEDGEMENT is not numbered.

Subsections: Example:

2.1. Solved arrangement

2.2. Considered physical phenomena

2.3.

Subsubsections: Example:

2.3.1. *Geometrical dimensions*

2.3.2. *Material parameters*

2.3.3.

Text: The text must be written in reasonably understandable English. Avoid using long sentences. Minor mistakes we can fix, but we have no capacities for wider improvements of poor English.

2. Formulae and maths

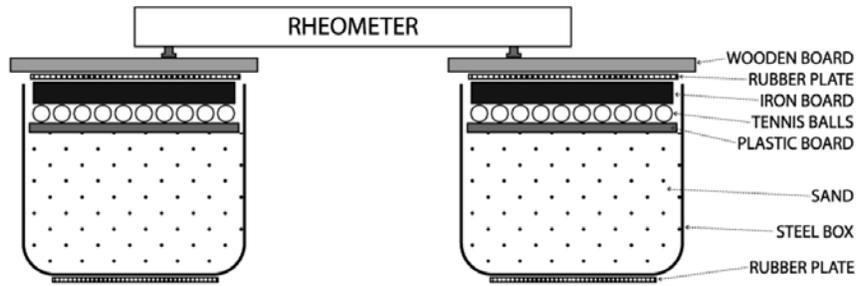
Preferred is using MathType (but Word editor is also acceptable)

For writing maths (even in text) use **MathType** or **Microsoft Equations**. Formulae in gif or other similar formats are unacceptable. Significance of every mathematical symbol must be explained at the place of its first occurrence. **Do not write the list of symbols**, we do not include it to the printed papers. The symbols must be the same both in the text and formulae, and if possible, also in the figures.

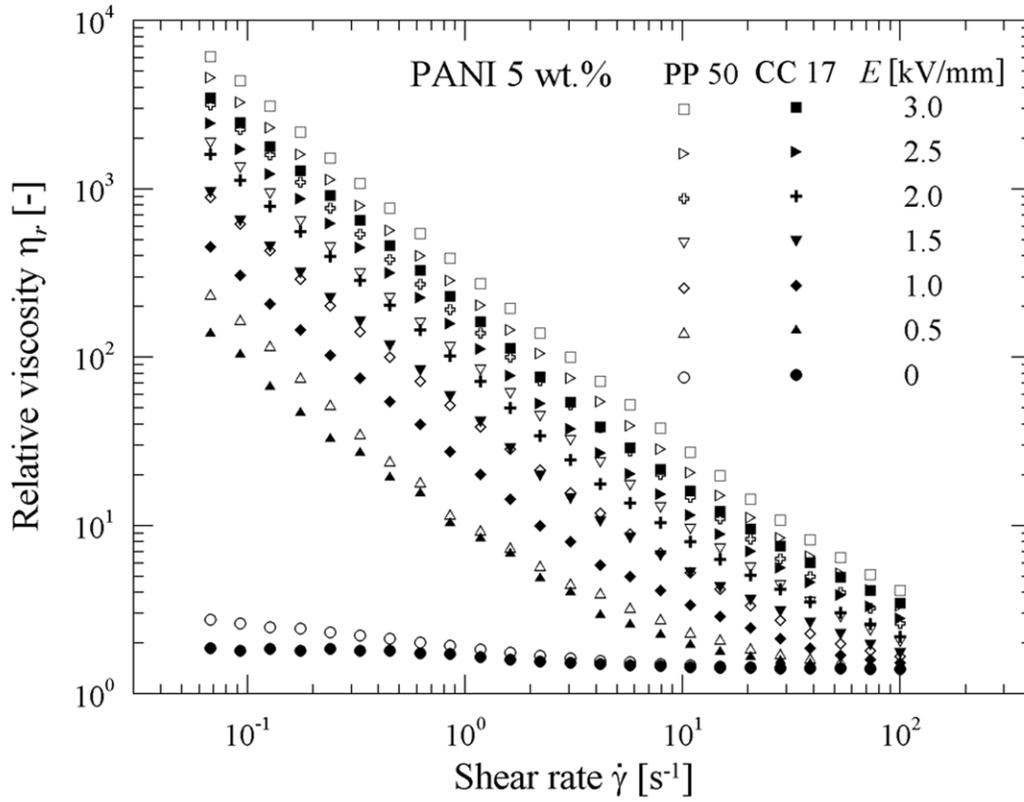
3. Figures

1. The figures must be only drawn in **black and white** or **greyscale**, with a good **resolution (rather high than low)**.
2. Figures containing **artefacts**, or **blurry** figures are not accepted.
3. Legends in the figure, tickmark labels, etc. must be **sufficiently large (8-10 pt)**. When they are tiny or unreadable, the figure is not accepted.
4. Avoid using **hair lines** because of **well-known problems with their printing**. Do not draw frames around figures.
5. All legends should be written by the same font (for example Times New Roman, or Arial). **Avoid using boldface fonts**.

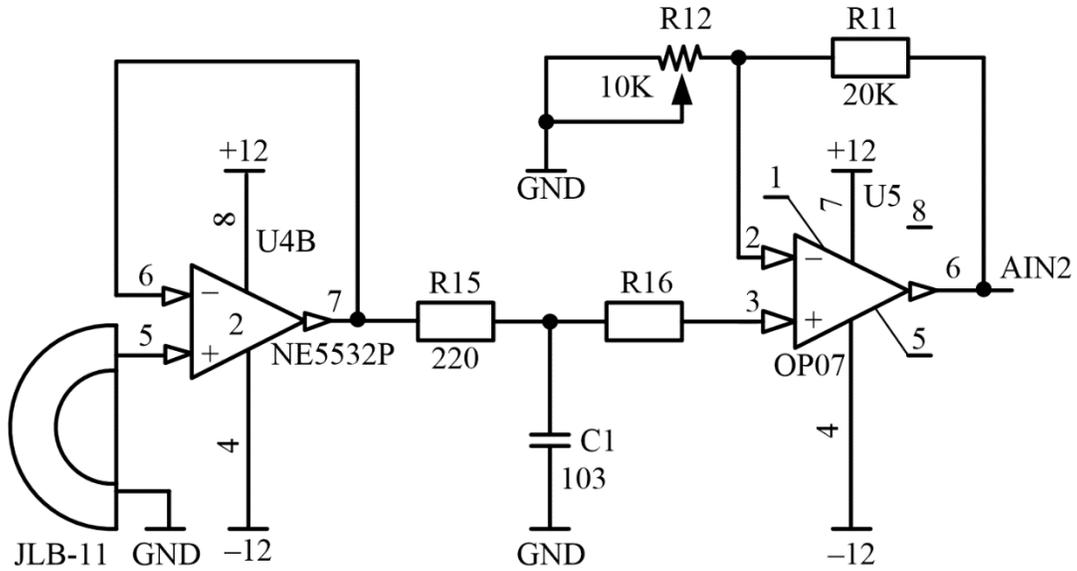
6. We accept the figures in **separate files in png or pdf** format, **photos** in **jpg** format. Some examples follow:



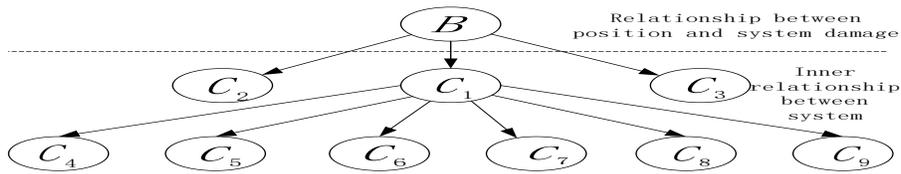
A good acceptable figure



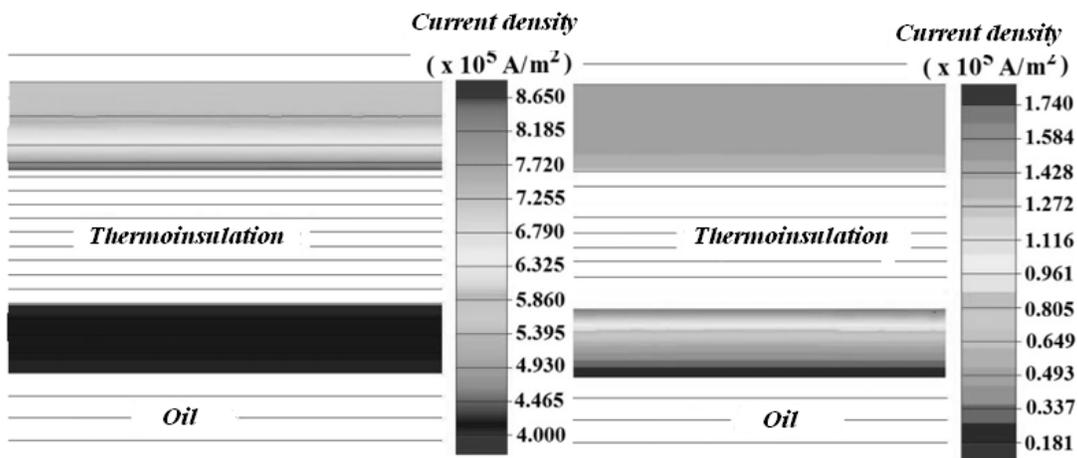
A good acceptable figure



A good acceptable figure



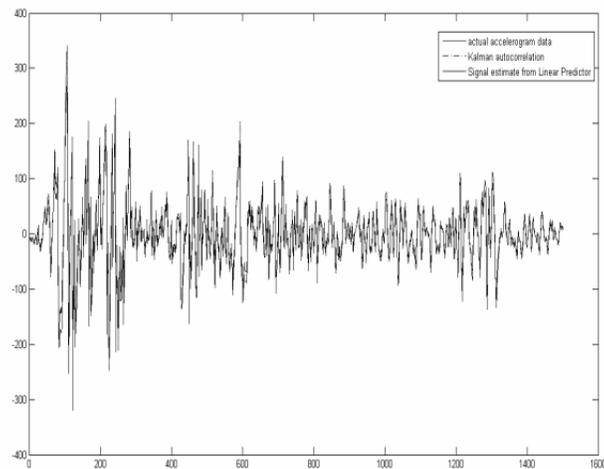
Unacceptable figure – ugly, tiny legends, small resolution



Unacceptable figure due to unclear scale – after transforming from a coloured figure, both low and high values of current density are denoted by practically the same dark grey colour



Unacceptable photo – low quality, low resolution



Unacceptable figure – low resolution, extremely tiny legends, missing description of axes

4. Tables

1. The **tables should not be too large** (with respect to the B5 format of Journal Acta Technica).
2. Avoid using **too complicated** tables.

5. References

1. Recent, in English written references are strongly preferred. References written in other recognized languages (German, French, Russian) are also acceptable, but their number in one paper must be at most 20 % of the English-written references. Avoid citing obsolete references (only in relevant cases). When in Russian, the data must also be given in Azbuka.
2. The authors: **write first the initials, then the family name as below.**
3. Avoid using URL addresses or references that cannot be identified via Internet.
4. The references are written as follows:

Journal citation: (all the authors must be given, not, for example, K. Bhattacharyya et al.)

K. Bhattacharyya, T. Hayat, A. Alsaedi: Analytic solution for magnetohydrodynamic boundary layer flow of Casson fluid over a stretching/shrinking sheet with wall mass transfer. Chinese Physics B 22 (2013), No. 2, paper 024702.

or another example

K. Bhattacharyya, K. Vajravelu: Stagnation-point flow and heat transfer over an exponentially shrinking sheet. Commun. Nonlinear Sci. Num. Simulat. 17 (2012), No. 7, 2728–2734.

Book citation: (again, all the authors must be given).

H. Schlichting: Boundary-layer theory. McGraw-Hill, New York, USA, 1955.

(It is necessary to give the publisher, city, even country, when necessary, and year of publishing)

Conference proceedings:

V. Kafka: On the essential importance of distinguishing between the effect of deviatoric and isotropic parts of stress tensors in the problem of strength of discrete materials. Proc. Eight International Symposium on Continuum Models and Discrete Systems, 11–16 June 1995, Varna, Bulgaria, 208–215 (or CD-ROM).

(The place of conference and its dates must be given, also the pages in the proceedings or info that they are in the form of CD-ROM or flash disk).