

**PAPER TITLE** [max. 12 words including 1-2 keywords. Avoid: „Study on...”, Contribution to ...”, „Remarks on...” etc.)]

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### **ABSTRACT**

*In the abstract of 50-100 words, the author(s) will specify the original aspects of the paper: personal achievements, original approach of a theme, a.s.o. The abstract is to be in fully-justified italicized text, at the top of the article as it is here, in one column, below the author e-mails. Use the word "Abstract" as the title, in 12 pt Times New Roman boldface font, centered relative to the column, capitalized. The abstract text is to be in Times New Roman, 10 pt, italic. Leave one blank line after the abstract, and then write the keywords.*

**Keywords:** Write 5-7 keywords (or groups of keywords) in Times New Roman 10 pt, regular

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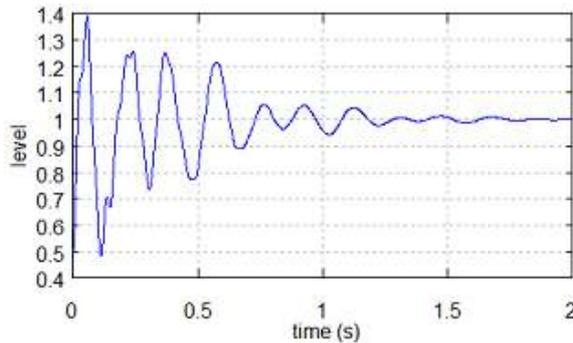
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### 7. Figures

All figures should be visible and clear, with good contrast. If they cannot fit the column width they should be placed on a single column line.



**Fig. 1 – The compensator’s unit step response**

The figure captions should begin with Fig. followed by the figure number, hyphen and the figure title with capitalized first word. The font is Times New Roman 10 pt boldface, centered below the figure. Leave one row before and one after figures. References within the text will be done using Figure x at the start of the sentence, and fig. x within the text. Figures are numbered consecutively.

### 8. Tables

Tables are separated from the rest of the text by a blank line before and after. Table titles are typed with Times New Roman 10 pt right align boldface font above the table itself. References will be made using Table x at the beginning and table x within the text. Table numbers are consecutive. An example is shown in table 1.

**Table 1. Remarkable constants**

Constant	Value
Speed of light	299792458 m/s
Boltzmann constant	$1.3806504 \times 10^{-23}$ J/K
Elementary charge	$1.602176487 \times 10^{-19}$ C

### 9. Equations

Equations must be written using a dedicated equation editor (Microsoft Equation, MathType, etc.) and not entered as plain text. Equations will be center aligned and numbered consecutively in right aligned round parentheses. Equations font should match the paper text sizes.

$$m = \frac{m_0}{\sqrt{1 - \frac{v^2}{c^2}}} \quad (1)$$

### 10. Footnotes

Use footnotes sparingly (or not at all) and place them at the bottom of the column on the page on which they are referenced. Use Times New Roman 8 pt regular font, single-spaced. To help your readers, avoid using footnotes altogether and include necessary peripheral observations in the text (within parentheses, if you prefer, as in this sentence).

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We recommend sending your paper in doc format, on the following structure:

#### (1). Introduction

10 % of the paper length

Answer to the question: *What is the topic?*

The Introduction is the statement of the problem that you investigated. After placing your work in a broader context, you should state the specific question(s) to be answered. This section may also include background information about the problem such as a summary of any research that has been done on the problem in the past and how the present experiment will help to clarify or expand the knowledge in this general area.

#### (2). Materials and Methods

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Answer to the question: *How I will answer to the first question?*

This section explains how and, where relevant, when the experiment was done. The researcher describes the experimental design, the apparatus, methods of gathering data and type of control. If any work was done in a natural habitat, the worker describes the study area, states its location and explains when the work was done. If specimens were collected for study, where and when that material was collected are stated.

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Only the results are presented. No interpretation of the data or conclusions about what the data might mean are given in this section. Data assembled in tables and/or figures should supplement the text and present the data in an easily understandable form.

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Answer to the question: *What is the significance of the results?*

The researcher interprets the data in terms of any patterns that were observed, any relationships among experimental variables that are important and any correlations between variables that are discernible. The author should include any explanations of how the results differed from those hypothesized, or how the results were either different from or similar to those of any related experiments performed by other researchers.

### (5). Conclusions

10 % of the paper length

The paper will end with a conclusion paragraph in which the author(s) will specify the original results obtained and their possible applications (if any).

Answer to the question : *What is the topic?*

This section simply states what the researcher thinks the data mean, and, as such, should relate directly back to the problem/question stated in the introduction.

### Acknowledgement

A brief acknowledgement section may be included. Example:

This work was financially supported by the CNRS [name of institution] of France [country], under the scientific Programme /Grant /Project /Contract /[etc.] ,...[nameof the project]”. No. .../[year].

The heading of the Acknowledgment section and the References section must not be numbered.

### References

It is recommended:

1. Among 20-25 references, 70% of them issued after 2000.
2. >50% of references belong to authors that published their papers in ISI journals.
2. Each reference mentioned in the text into square parentheses.
3. The titles (books, papers, etc.) in other languages than English should be translated into English and written into square parentheses.
4. (optionally) 2 references from the Scientific Bulletin archive of papers (issued during last two years) (see <http://scientificbulletin.upm.ro/>).

In the body text of the paper when referring to a reference item, please simply use the reference number, as in [2]. Do not use “Ref. [3]” or “Reference [3]” except at the beginning of a sentence, e.g. “Reference [3] shows ...”. Multiple references are each numbered with separate brackets (e.g. [2], [3], [4]–[6]).

Exact citations of phrases in the text:

... concerning „the heat flow network model based simulation of one PV module, which gives the temperature of the cells in the module” (Adam 2008,

p. 67), we consider that ...

The name of the references, journals and publishers are to be written in the language that they have been published (established), with possible English translation between parentheses after the text in the publication’s language. The texts written with non-latin characters will be written by the Romanian and international standards.

Examples of reference items of different categories shown in the References section include:

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See examples below.

- [1] Metev, S. M. and Veiko V. P. (2008), *Laser Assisted Microtechnology*, 2nd ed., R. M. Osgood, Jr., Ed. Berlin, Germany: Springer-Verlag.
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- [11] Padhye, J., Firoiu, V. and Towsley, D. (2004). *A stochastic model of TCP Reno congestion avoidance and control*, Univ. of Massachusetts, Amherst, MA, CMPSCI Tech. Rep. 99-02.
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