Title of the Paper

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*Abstract* – This is the style file for the 22nd IMEKO TC-4 International Symposium for creating the abstract and the final paper. The abstract of the paper should contain 150-200 words.

*Keywords* – *IMEKO, TC4, Iasi, Romania*

1. Introduction

This Section gives a brief introduction to the topic of the paper.

The paper should be prepared using the given style file with the following parameters: Times New Roman 10 pt, double column, simple line spacing.

1. Layout

Body paragraphs (like this one) should be set in Times New Roman 10pt, full justification, in two column format. Line spacing is single-spacing. The title should be set in Times New Roman, 10 pt size centered. The authors’ names must also be centered, (Times New Roman 12pt font). The name of the affiliation should be written using Times New Roman Italics 12pt. The section title should be preceded by 1 blank line. Subsection titles are written in Times New Roman 10 pt italics (see Section II.). References should be numbered by the order in which they are called in the text. Their format is presented at the end of the text. Equations should be set in Times New Roman 10pt and horizontally and vertically centered. The numbering should be set at the right hand side and bracketed. Figure captions in Times New Roman 9 pt centered, like in Fig. 1. Table captions in Times New Roman 10 pt centered. See next sections for examples and patterns.

1. Related results in the literature

In this Section the former results of the research field are to be taken into consideration.

Citations should be given by consecutive numbers in brackets, e.g. [1] or [1-3].

1. Description of the method

This Section gives scope for explaining the used methods and algorithms.

For this purpose, equations are mostly to be cited. Instead of using ‘the equation below’ use equation numbering, e.g. (1) gives the basic equation for a FIR filter transfer function [1]:

 $H\left(z\right)=\frac{b\_{0}+b\_{1}z^{-1}+…+b\_{N}z^{-N}}{1+a\_{1}z^{-1}+…+a\_{M}z^{-M}}$ 1

where b0 to bN and a1 to aM represent the direct and the inverse coefficients respectively. REMARK: the above format assures continuous and automatic numbering.

For figures do not forget to use axis labels, see Fig. 1.



Fig. 1. Output of a sinusoidal voltage source

Table captions in Times New Roman 10 pt centered, like in Table 1.

1. RESULTS AND DISCUSSIONS

In this Section authors are required to present the results by pointing out upon their own contributions to the field.

Table 1. RMS and crest factor for sine and square waves.

|  |  |  |
| --- | --- | --- |
|  | sine wave | square wave |
| crest factor | 1.414 | 1 |
| RMS value | 0.707 | 1 |

1. Conclusions

In this Section the results of the paper are to be summarized.

Please send the Extended Abstracts using the electronic system found in the Submission section of the symposium website (<http://www.imeko2017.tuiasi.ro>), by April 15, 2017.

1. Acknowledgment

Express here your gratitude to those who helped for performing your research.

References

1. Mariel, A and Osborn, P, *FIR filters and their applications*, Journal of Engineering and Signal Processing, vol 6, no. 2, June 2005, pp. 118-126.
2. Popescu, A., *Electrical machines and drives*, Politehnium, Iasi, 2011.
3. Curtley, M, Prince, O.A. et al., *A synchronous detector with improved parameters*, Proc. of Int. Symp. on Circuits and Systems, Barcelona, July 15-17, 2009, pp. 255-260.