

Title of the Paper

First Author¹, Second Author²

¹Affiliation, city, country, email, phone

²Affiliation, city, country, email, phone

Abstract – This is the style file for the 18th IMEKO TC10 Conference for creating the extended abstract and the final paper. The abstract of the paper should contain 150-200 words. The complete extended abstract publication shall be three to four pages, and the full paper has to be exactly six pages long.

Keywords – IMEKO, TC10, Diagnostics, Optimisation, Control.

I. INTRODUCTION

This Section gives a brief introduction to the form 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.

A. Layout

Body paragraphs (like this one) should be set in Times New Roman 10 pt, 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 12 pt font). The name of the affiliation should be written using Times New Roman Italics 12 pt. 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 10 pt and horizontally and vertically centered. The numbering should be set at the right hand side and bracketed; all of them have to be referred in the related paragraph individually. 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.

II. 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].

III. 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]:

$$H(z) = \frac{b_0 + b_1 z^{-1} + \dots + b_N z^{-N}}{1 + a_1 z^{-1} + \dots + a_M z^{-M}}, \quad (1)$$

where b_0 to b_N and a_1 to a_M 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. Figures have to be referred at least ones in the description text (Fig. 1).

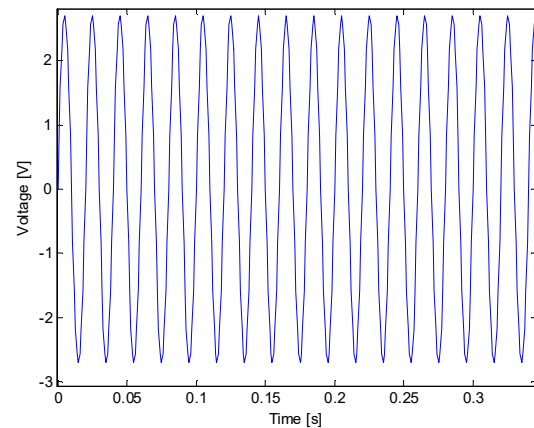


Fig. 1. Output of a sinusoidal voltage source

Table captions in Times New Roman 10 pt centered, like in Table 1. Tables have to be referred at least ones in the description text (Table 1.)

IV. 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

V. CONCLUSIONS AND OUTLOOK

In this section the results of the paper are to be summarized and outlook for further research can be appointed shortly here.

VI. ACKNOWLEDGMENTS

Express here your gratitude to those who or to other kinds of support helped for performing your research.

REFERENCES

- [1] **Marcel, A.; Osborn, P.:** FIR filters and their applications, *Journal of Engineering and Signal Processing*, Vol. 6., No. 2., 2005, pp. 118-126.
- [2] **Popescu, A.:** *Electrical machines and drives*, Politehnia, Iasi, 2011, p. 234.
- [3] **Curtley, M, Prince, O.A.:** A synchronous detector with improved parameters, *Proceeding of the International Symposium on Circuits and Systems*, Barcelona, July 15-17, 2009, pp. 255-260.