

2. Description of the approach, work methodology, materials for research, assumptions, experiments etc.

In this section it is necessary to present in details assumptions and course of own researches to such an extent that a reader could repeat those works if he was going to confirm achieved results. In short papers those information should be given in as short a version as possible.

2.1. Title

The paper title should precise clearly and in details its subject matter and should have no more than 10 words (articles are not counted). Please capitalize each word.

2.2. Format

The paper should be prepared according to the requirements provided in Table 1. Please pay attention to the fact that the subsection should be not shorter than 20000 signs with spaces.

2.3. Tables

Tables should be presented in the form shown in Table 1. They should be present on the same page as references to them. They should be arranged throughout the text but do not put the table at the first page, preferably being included on the same page as they are first discussed. They should have a self-contained caption and be positioned in flush-left alignment with the text margin within the column.

Table 1. Editorial requirements

No	Item	Explanation
1.	Paper size	Please use format a-4 (210 × 297 mm) without page numbering.
2.	Length	The paper must have even page number, should exceed 0.5 of editorial sheet that is 20 thousand signs.
3.	Margins	Total text width: 12.5 cm; Pages: Maximum length: 19.0 cm; top margin 5.85 cm; bottom margin: 4.85 cm; left and right margins 4.25 cm; do not begin a new section directly at the bottom of a page.
4.	Page layout	The main body of the text should be left and right justified. Please remember about the 'fine-tuning': Do not end the page with a heading; do not start a page with an incomplete line; do not underline any part of the text.
5.	Fonts and line spacing	The 11 pt Times New Roman font in 1.0 line spacing is required.
6.	Title	The title should have no more than 10 words (articles are not counted) and situated in two lines and centre-

	justified TITLE OF THE PAPER (15 point, bold, capitalize each word), Authors' initial and surname ¹ (11pt, bold,) and the name of a Department, University, address City, Country (each 10 point).
7. Abstract	The abstract itself should contain no more than 1000-2000 characters (including spaces). Please write it concisely and clearly. The abstract should reflect only what appears in the original paper. The word Abstract should be written in the bold style (12 point, bold). Indentation of the whole on the left side 2 cm.
8. Keywords	Headline 10 points, bold, each key word should be separated by commas.
9. Style	Section headings (12 point, bold,), subsection headings (11 point, bold,) should be left justified. Before section headings use two blank spaces. The creation of sub-subsections is not foreseen. Table and figure headings (11 points) should be numbered consecutively and centre-justified.
10. Colour	Papers are printed as black and white.

2.4. Figures

Figures should be presented as in Figure 1. They should be clearly displayed by leaving at last single line of spacing above and below them.

When placing a figure at the top of the page, the top of figure should be at the same level as the bottom of the first text line. All notations and lettering should be no less than 2.5 mm high. The use of heavy black and/or colour bold lettering should be avoided as they will look unpleasantly dark when printed. They also must be located close to the first reference to them in the text and numbered consecutively.

A figure caption should be placed immediately below the figures. Photographs and figures should be prepared in colour at min. 300 dpi resolution. Please do not use patterns in vector graphics. It is required to prepare them in TIFF or JPEG format (prepared in MS Word are not accepted).

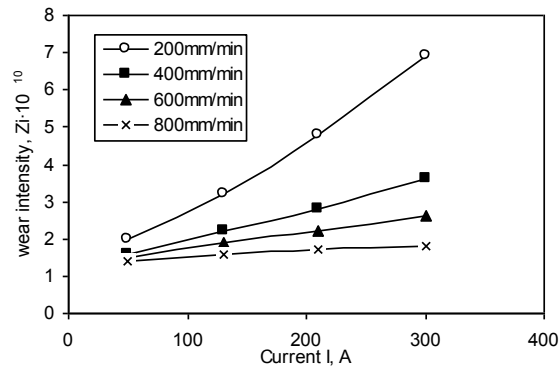


Fig. 1. Good quality figure with clear lettering, dashed lines or markers

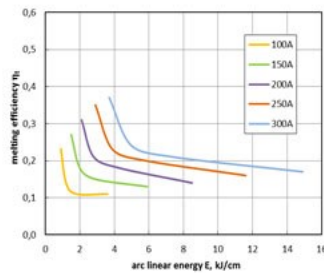


Fig. 2. Bad quality, distorted figure; lettering is too small, line in color

2.5. Equations

Equations should be placed flush-left with the text margin of the column and should be preceded and followed by one blank line.

$$w_k = 16,76 + 270 \cdot p_1^2 + 698,42 \cdot p_4 \quad (1)$$

If they are numbered make sure that they are numbered consequently. Put the numbers in parentheses flush with the right-hand margin level with the last line of the equation.

3. Description of achieved results of own researches

3.1. General remarks

In that section it is necessary to present achieved results of own researches in details e.g. researches or calculations illustrating them in details and legibly by pictures, diagrams, photos e.. metallographic ones, results, calculations, tables etc. and giving in details casual and result relations between stated facts

confirming or excluding data known from the literature. That section should have a character of a scientific discussion, although in order to do that the separate section can be created and in the given one only the information about achieved results of researches can be included. In short papers you should rather limit yourself to a discussion.

4. Conclusions

It is necessary to present clearly the main conclusions from the whole paper. Practical application and possible directions of further works can be pointed out.

References

- [1] Kurz, W., Fisher, D. J. (1984). *Fundamentals Solidification*. (2nd ed.). London–Paris: Trans. Tech. Publ.
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- [3] Dobrzański, L. A., Mięka, J., Pakula, D., Kopač, J., Soković, M. (2003). Cutting properties of the ceramic tool materials based on Si₃N₄ and Al₂O₃ coated with PVD and CVD process. In 12th Scientific International Conference Achievements in Mechanical and Materials Engineering, 7-10 December 2003 (pp. 249-252). Gliwice – Zakopane, Poland: World Academy of Materials and Manufacturing Engineering.
- [4] Johnson, A. (2000). *Abstract Computing Machines*. Springer Berlin Heidelberg. Retrieved March 30, 2006, from SpringerLink <http://springerlink.com/content/w25154>. DOI: 10.1007/b138965.
- [5] Begg, M. M. (2001). Dairy farm women in the Waikato 1946-1996: Fifty years of social and structural change. Unpublished doctoral dissertation, University of Waikato, Hamilton, New Zealand.
- [6] Cudak, M. & Karcz J. (2006). Momentum transfer in an agitated vessel with off-centred impellers. *Chem. Pap.* 60(5), 375-380. DOI: 10.2478/s11696-006-0068-y.
- [7] Smith, I. M. (1988). U.S. Patent No. 123,445. Washington, D.C.: U.S. Patent and Trademark Office.
- [8] Walker, J. (1996, August). *APA-style citations of electronic resources*. Retrieved November 21, 2001, from <http://www.cas.usf.edu/english/walker/apa.html>