BMIF Journal's Sample Paper

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Abstract

The abstract is a brief and relevant description of both the intent and the content of the article. The abstract must have a structured form and reflect the structure of the paper wrt background, research issue, approach, key ideas, results, contributions and conclusions. Please try to avoid mathematical symbols and special characters as much as possible, as they cannot be printed properly in the webpage of the corresponding online volume (you may replace them with written text). The abstract should summarize the content of the paper and should contain at least 200 and at most 250 words. The abstract is mandatory and should be self contained and understandable by the general reader. The abstract will be used for electronic publishing on the BMIF's site. Please, use the Times New Roman (TNR) font throughout this document (exception: pseudcode). The formattings of various elements are so far the following: (1) the word "Abstract": TNR 14 Bold, Left, 30 pts Before, 11 pts After; (2) the abstract's content: Justified TNR 10 Italics, 11 pts After; (3) Title: TNR 18 Bold, Centered, 36 pts Before, 18 pts After; (4) Surname(s) and Name(s) of the author(s): TNR 14 Normal Centered, 18 pts After; (5) Author(s) affiliation: TNR 10 Normal, Left; (6) e-mail of the contact author: TNR 10 Normal, Left. The paper ends with a Romanian version of this abstract, which, for the papers with only foreign authors it is translated and published under the BMIF Editors' responsibility.

Keywords: *have to be carefully chosen, should not repeat the title of the manuscript and should be ordered by their importance; three to five keywords are recommended, with compound expressions counting as one keyword. Please do not use acronyms in the list of keywords. The word "Keywords" is formatted as TNR 10 Bold Justified and the keywords themselves as TNR 10 Italics*

Introduction

This document provides the authors with detailed guidelines for producing and submitting their print ready proof for the journal. The document is written in accordance with the instructions for authors, which should be followed carefully. Please read these instructions carefully. Prepare your manuscript exactly according to the instructions. That is the easiest and the most efficient way to have a good published manuscript. **Please take into consideration that the papers that do not comply with both the instructions for authors and this sample paper will be returned to their authors in the pre-review phase.**

First recommendation refers to the paper's title that is ought to be less than 10 words and 2 text lines. Please make sure the title of the article, the names of the authors and their affiliations are formatted as shown above. State the names of the city and country in the affiliation. If all the authors have the same affiliation, the asterisk in front of the affiliation is to be omitted.

The papers must have a structured form that includes the following sections:

- *Introduction:* the background (the current state of the research, development and innovation in the paper's domain); the scope and the type of the paper (research/survey/position etc.); what is the subject, research problem or issue; main results and contributions; possible use to solve real world problems; the paper's structure with a short description for each section;

- *Related work:* comprehensive overview of the state-of-the-art for the paper's domain that includes the most relevant works in the literature; what has been done by other researchers and where you can contribute; please note that, whenever appropriate, the related work may be presented in the introductory section, provided that it comply with the previous recommendation;

- *The main part of the paper* might be composed or not of several sections or sub-sections that present in detail: (1) what is the research question/issue/problem etc., (2) the approach/ methodology/methods/tools etc. that has been used to "solve" the problem, (3) what are your results (preliminary, final) with demonstration/justification/discussion etc., (4) main benefits and contributions of the work presented in the paper; (5) main shortcomings of your approach/results etc.

- *Conclusions and future work:* here the authors should conclude their paper by emphasizing the most important and relevant benefits and contributions of their work, and by pointing out some future work ideas. This section must contain at least 300 words.

Please note that the authors are supposed to name their sections as they consider appropriate, but the content of each section must comply with the above structure, **no matter what** if the paper is in mathematics, computer science or physics. Though, the conclusions section may be skipped for pure theoretical papers where it is not customary. Expressive section names should be used, of course. Titles of the sections must not be numbered. Expressive section names should be used, of course. Titles of the sections **must not** be numbered.

The authors are also strongly encouraged to choose paper subjects that are relevant in the today literature, the papers complying with this recommendation being favored to publishing in our journal. By taking the necessary time to carefully overview the relevant related literature in the paper's domain, they have the opportunity to see what are the most relevant subjects at some point in time.

The preferred language for papers is English. When writing your paper please, (a) use common technical terms, (b) avoid abbreviations and do not try to create new English words, (c) spelling: Follow Merriam Websters Collegiate Dictionary, Longman or Oxford Dictionaries. Please take into consideration that the papers that do not appropriately use English will be returned to their authors in the pre-review phase.

All submitted manuscripts should be as concise as possible. The papers whose length exceeds 14 pages are strongly discouraged. The format of the document is A4 (210x297 mm). The settings for the mirror of the page are 30 mm all margins (Top, Bottom, Left, Right). Times New Roman (TNR) is the main used font.

Please **avoid** having text lines that contain only one or two words, phrases that start with only one word on a text line and all the rest is laid to the next lines, or sections that start in the last 2-3 lines of a page, as they look bad on paper!

Please take into consideration that the papers that are detected at any moment as plagiaristic works will be **withdrawn** from the BMIF Journal.

The Text Formatting Instructions

Below you can find some basic formatting instructions to be used in the papers published in the BMIF Journal.

For the running text, please use only a one-column layout and the TNR 11 Normal font, Justified, 6 pts after each paragraph. The paragraphs that appear after equations paragraphs will have also 6 pts before Place pictures, figures and tables centered between the margins without any text flowing around them. Do not start a new page for new sections (chapters) or subsections. Do not insert page numbers or running heads - the same for any header and footer; the BMIF editors assign them. If your paper title is too long to serve as a running head, it will be shortened in the header only. Your suggestion as to how to shorten it would be most welcome.

Footnotes may be used only if it is absolutely unavoidable. Use italic print to emphasize words. Please note that bold type and underlining should be avoided. The text should always be justified to occupy the full line width, so that the right margin is not ragged.

Headings, Tables and Figures

Headings and Tables

Expressive section names should be used. Headings should be capitalized (i.e., nouns, verbs, and all other words except articles, prepositions, and conjunctions, should be set with an initial capital) and should, with the exception of the title of the paper, be aligned to the left. Words joined by a hyphen are subject to a special rule: if the first word can stand alone, the second word should be capitalized. The font sizes are given in Table 1. Here are some examples of headings: "Criteria to Prove Context-Freeness of Collage Languages", "On Correcting the Intrusion of Tracing Non-deterministic Programs by Software Analysis", "A User-Friendly and Extendable Data Distribution Management System", "Multi-flip Networks: Parallelizing GenATS", "Self-determinations of a 21st Century's Person".

If a lower level heading follows directly after a higher level heading then the space before the lower level heading should be omitted.

Table 1: Font sizes of the headings. Table captions should be positioned above the tables, centered

Heading level	Example	Font size and style
1st-level heading	Introduction	TNR 14 Bold, Before 20 pts (first heading - 40 pts under key words), After 11 pts
2nd-level heading	Headings, Tables and Figures	TNR 12,5 pts Bold, 15 pts Before, 8 pts After
3rd-level heading	Figures	TNR 11 pts Bold, 11 pts Before, 6 pts After

Tables have to be made in high quality, which is suitable for reproduction and print, taking into account necessary size reduction. A short descriptive title should appear under each table with a clear legend.

Tables are to be numbered consecutively starting with Table 1 Caption for every table is mandatory. Please use the TNR 10 Normal font for the text within tables. Each table should be embedded in the text closely to the piece of the text that describes it, **after** the description. The captions should be as brief as possible, and potential explanatory information should be moved to the associated text. Be careful not to break tables across page boundaries, if possible. Special formatting for the tables is accepted, though it is advisable to use no more than two such special patterns.

Figures

Figures have to be made in high quality, which is suitable for reproduction and print, taking into account necessary size reduction. Photos have to be in high resolution. The authors are expected to check that the lines in line drawings are not interrupted and have a constant width. Grids and details within the figures must be clearly legible and may not be written one on top of the other. Line drawings should have a resolution of at least 800 dpi (preferably 1200 dpi). The lettering in figures should have a height of 2 mm (TNR 10 Normal font). Figures should be numbered and should have a caption (short descriptive title), which should always be positioned under the figures, in contrast to the caption belonging to a table, which should always appear above the table. Please center the captions between the margins and set them in TNR 10-point type (Figure 1 shows an example). The words "Figure" and "1" are to be bold in the caption. The distance between text and figure should be 6 pts and the distance between both figure and caption, and caption and the following text, should also be 6 pts. Each table should be embedded in the text closely to the piece of the text that describes it, **after** the description. The captions should be as brief as possible, and potential explanatory information should be moved to the associated text.

To ensure that the reproduction of your illustrations is of a reasonable quality, we advise against the use of shading. The contrast should be as pronounced as possible. If screenshots are necessary, please make sure that you are happy with the print quality before you send the files. We also suggest previewing of the figures in the pdf format. In the printed volumes, illustrations are only black and white. Colored pictures are welcomed in the electronic version. If you send colored figures, please make sure that they really are legible in black and white. Some colors show up very poorly when printed in black and white. Figures are to be numbered consecutively starting with Figure 1.

Figure 1: Author's review page

Formulas, Lemmas, Propositions, and Theorems

Displayed equations or formulas are centered and set on a separate line (6-10 pts space above and below). The font and the dimensions for the components are the default ones. Displayed expressions should be numbered for reference. The numbers should be consecutive within each section or within the contribution (as it is more appropriate), with numbers enclosed in parentheses and set on the right margin. The numbers accorded to lemmas, propositions, theorems etc. should appear in consecutive order, starting with Lemma1, Proposition 1, Theorem 1 etc. The words Lemma, Theorem, Proof etc have to be bold.

Equations should be punctuated in the same way as ordinary text but with a small space before the end punctuation mark. Please see further on some examples:

$$x + y = z; \tag{1}$$

$$optimal f = Max(G) = Max \left(\left(\prod_{i=1}^{T} \left(1 + \left(\frac{A_i}{\left(\frac{W}{-f} \right)} \right) \right)^{p_i} \right)^{\frac{1}{\sum p_i}} \right). \tag{2}$$

Definition 1. For a F_m-structure having the property (τ), there can be used the fuzzy supra-topology terminology. In this case the elements of the supra-topology are called fuzzy supra-open sets, and their complements are called fuzzy supra-closed sets. We can define the supra-closure and the supra-interior of a fuzzy set by analogy with the known definitions.

Theorem 1. Consider the previous spaces and function, then the following properties are equivalent:

$$x + y = z; \tag{3}$$

$$optimal f = Max(G) = Max \left(\left(\prod_{i=1}^{T} \left(1 + \left(\frac{A_i}{\left(\frac{W}{-f} \right)} \right) \right)^{p_i} \right)^{\frac{1}{\sum p_i}} \right). \tag{4}$$

Bulleted and Numbered Lists

Whenever appropriate, please do consider using bulleted and numbered lists, without exaggerating though. We recommend that you use numbered lists when things need to be put in a sequence, and bulleted lists otherwise. Some recommendations with respect to lists are presented below:

- each text line has to be separated by the next one with a 3 pts space;

- each text line must be ended with a semicolon, and the last line with a dot;

- do not capitalize the first letter of the text lines unless it is strictly necessary;

- please use common bullets (round, square, cube etc); do not use checklist bullet except the case you present a checklist;

- each text line paragraph is left indented at 0.63 cm and hanging at 0.63 cm; text position is indented at 1.27 cm;

- after the last line in the bulleted list, leave a 6 pts space.

Before submitting your paper, please verify that it complies with the guidelines for authors with respect to:

1. title, authors, affiliation, and e-mails;

2. abstract and keywords;

3. structure of the paper;

4. running text appearance;

5. 1st level headings, 2nd level headings and 3rd level headings;

6. tables and figures;

7. equations, formulas, theorems, propositions etc.;

8. bulleted and numbered list;

9. pseudocode;

10. acknowledgments (if any);

11. references;

12. title and abstract in Romanian (for Romanian authors).

Pseudocode

Pseudocode, program listings or program commands in the text are normally set in typewriter font, e.g. Courier New 10 (with bold keywords in pseudocode). The code has to be indented properly. A 2-pts space need to be left after each line of code.

Listing 1: Sample pseudocode

```
int CautSecv(int n,int x[],int a)
{
  for (i=0; i<n; i++)
    if (x[i]==a) return 1;
    else return 0;
}
```

Acknowledgements (if any)

The heading should be treated as a 3rd level heading and should not be assigned a number. Please include all the identification data for the person(s) you acknowledge to: surname and name and affiliation (department, university or organization, town, country).

Conclusions and Future Work

Before concluding this document, we have some guidelines with regard to the references. Please take into consideration the paramount importance of this section. The title of the section, References, is a 1st level heading, and the references themselves use the TNR 10 point font. They are

formatted as a numbered list, as you can see further on. List these at the very end of your paper ordered alphabetically on the first author's name. An Arabic number in square brackets should be used to refer in the text a specific reference.

References have to include **at least** 7 items. Please note that all references listed here **must be** directly cited in the body of the text. Also, please give the proper reference whenever it is needed to avoid possible **plagiarism issues**. The reference section must be complete. You may not omit references. Instructions as to where to find a fuller version of the references are not allowed. We only accept references written using the Latin alphabet. If the title of the book you are referring to is in Russian or Chinese, then please write (in Russian) or (in Chinese) at the end of the transcript or translation of the title. The following section, the References' section itself, shows a sample reference list with entries for journal articles [2, 3, 5], a book [6], proceedings without editors [1], paper available online openly [4], as well as a URL [7, 8, 9, 10, 11]. Please base your references on these examples.

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Future work will be done to improve the guidelines and the sample paper and the feedback from authors, reviewers and editors is more than welcomed.

References

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[11] *** - *BMIF Journal*, http://bmif.unde.ro, accessed June 2010

Model de articol formatat pentru BMIF

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Rezumatul articolului este o descriere scurta si relevanta atit a scopului, cit si a continutului articolului. Rezumatul trebuie sa aiba o forma strcturata si sa reflecte structura articolului cu privire la starea domeniului, punerea problemei, abordare, idei principale, rezultate, contributii si concluzii. Va rugam sa evitati folosirea simbolurilor matematice si a caracterelor speciale, deoarece ale nu pot fi tiparite corespunzator n pagina web a volumului care contine articolul (le puteti inlocui cu textul asociat). Rezumatul descrie pe scurt continutul articolului si trebuie sa contina intre 200 si 250 de cuvinte. Abstractul este obligatoriu si trebuie sa contina toate informatiile necesare pentru a putea fi inteles de un cititor oarecare. Rezumatul va fi folosit pentru publicarea electronica pe site-ul BMIF. Va rugam sa folositi fontul Times New Roman (TNR) pe tot parcursul acestui document (exceptie: program code). Formatarile pentru diverse elemente introduse pina acum: (1) cuvintul "Abstract": TNR 14 Bold, Left, 30 pts Before, 11 pts After; (2) continutul abstractului: Justified TNR 10 Italics, 11 pts After; (3) Titlu: TNR 18 Bold, Centered, 36 pts Before, 18 pts After; (4) Prenumele si Numele autorilor: TNR 14 Normal Centered, 18 pts After; (5) Afiliatiile autorilor: TNR 10 Normal, Left; (6) e-mailul primului autor: TNR 10 Normal, Left. Articolul se termina cu o versiune in romana a acestui abstract, care pentru articolele cu autori straini este tradusa si publicata cu raspunderea editorilor BMIF.