

# PREPARATION OF THE PAPER FOR CONFERENCE PROCEEDINGS (ALL CAPS, 14PT, BOLD, CENTERED)

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Abstract: *This is a sample of the format of your full paper. Use Word for Windows (Microsoft) (or equivalent Word Processor with exactly the same "printing results") or L<sup>A</sup>T<sub>E</sub>X by tuning - A4 sheet, 20 mm from right, left and above, and 25 mm below. Please do not number the pages! Use single space. Use 10pt, Times New Roman for MS Word or Computer Modern font for L<sup>A</sup>T<sub>E</sub>X. For text in abstract and keywords use Italics, 10pt. Leave one blank line after the Abstract.*

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## 1 Introduction

As you can see for the title of the paper you must use 14pt, Capital, Centered, Bold. *Please do not number the pages!* Leave one blank line (14pt) and then type Authors' Names etc., see above.

**Paper text should be typed in 10pt Times New Roman** for MS Word or **Computer Modern** for L<sup>A</sup>T<sub>E</sub>X, and justify to block. The heading of each section should be printed in small, 12pt, left justified, bold, serif. You must use the Arabic numbers 1, 2, 3, ... for the sections numbering, not the Roman numbers (I, II, III, ...).

## 2 Problem Formulation (Equations)

Please, leave two blank lines between successive sections as here (see Sect. 1 to Sect. 2). Please note that the first line of text that follows a heading is not indented, whereas the first lines of all subsequent paragraphs are. Further on please use the L<sup>A</sup>T<sub>E</sub>X or MS Word (equivalent) automatism for all your cross-references and citations.

Mathematical equations must be centered and numbered as follows: (1), (2), ..., (99) and not (1.1), (1.2), ..., (2.1), (2.2), ... depending on your various Sections.

$$z^{EO} = \min_{e, g(\xi)} \mathbb{E}(F(\xi, e, g(\xi))), \quad (1)$$

$$a_{min} \leq a \leq a_{max}. \quad (2)$$

### 2.1 Subsection

When including a subsection you must use, for its heading, small letters, 10pt, left justified, bold as here. Use the standard `equation` environment to typeset your equations, however, for multiline equations we recommend to use the `eqnarray` environment (L<sup>A</sup>T<sub>E</sub>X users).

**Definition.** Let  $H$  be a subgroup of a group  $G$ . A *left coset* of  $H$  in  $G$  is a subset of  $G$  that is of the form  $xH$ , where  $x \in G$  and  $xH = \{xh : h \in H\}$ . Similarly a *right coset* of  $H$  in  $G$  is a subset of  $G$  that is of the form  $Hx$ , where  $Hx = \{hx : h \in H\}$

**Theorem.** *This is a theorem content. Theorem text goes here.*

*Proof.* Let  $z$  be some element of  $xH \cap yH$ . Then  $z = xa$  for some  $a \in H$ , and  $z = yb$  for some  $b \in H$ . If  $h$  is any element of  $H$  then  $ah \in H$  and  $a^{-1}h \in H$ , since  $H$  is a subgroup of  $G$ . But  $zh = x(ah)$  and  $xh = z(a^{-1}h)$  for all  $h \in H$ . Therefore  $zH \subset xH$  and  $xH \subset zH$ , and thus  $xH = zH$ . Similarly  $yH = zH$ , and thus  $xH = yH$ , as required.  $\square$

### 3 Problem Solution

Figures<sup>1</sup> and Tables should be numbered as follows: Fig. 1, Fig. 2,... etc. (see Fig. 1), Table 1, Table 2,... etc. (see Table 1). The figures are expected to be printed in colour (the text and tables strictly in black), but authors are strongly recommended to test the readability of the figures in gray shades to be on the safe side. Figure quality must be appropriate for the print and labels must be readable, our suggestion is resolution 300dpi and vector format is preferred. The screen capture bitmap in the case of graphs or diagrams is considered as highly inappropriate. Figure caption must be placed below the figure and table caption must be placed above the table.

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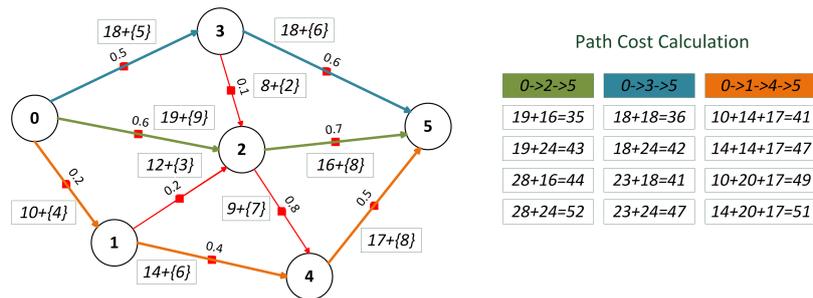


Figure 1: Please write your figure caption here

Table 1: Please write your table caption here

Parameter	Value	GATE implementation
GA test suite	$F_6$ , 5 optimized variables	funName: 'F6', nParam: 5,...
GAHC	10 HCA kernels of size 5 bits	<b>mutationHC</b> (GA,'HC12',10,'rand',5)

### 4 Conclusion

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**Acknowledgement:** On this place you can return thanks for the support. Use 10pt Times New Roman.

### References

- [1] Knuth, D.E.: Seminumerical Algorithms, *The Art of Computer Programming*, vol. 2, second edn. Addison-Wesley, Reading, Massachusetts (1981)
- [2] Matousek, R., Zampachova, E.: Promising GAHC and HC12 algorithms in global optimization tasks. *Optimization Methods and Software* **26**(3), 405–419 (2011). DOI 10.1080/10556788.2011.556826
- [3] Klapka, J., Matousek, R., Sevcik, V.: Improvement of time-periodical production schedule of the group of products in the group of workplaces through the lot sizes alteration. In: R. Matousek (ed.) *Proceedings of 17th International Conference on Soft Computing – MENDEL 2011*, no. 17 in MENDEL, pp. 334–340. Brno University of Technology, VUT Press, Brno (2011)
- [4] Osmera, P., Werner, P.: My Rings. <http://youtu.be/jVfKTU168QA> (2013). [Online; accessed 16-May-2013]

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