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Instructions and Formatting Rules for Authors

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Abstract. The abstract should be written here. Also, the main contribution of your talk should be briefly pointed out in this part. Finally we would like to comment here that the speaker is responsible for the appropriate formatting of his/her talk.

1. Introduction

The article should be no more than 9 pages and be typeset using the current style. You may bring a summary of the previous related works and refer to them. For example, [1, 2, 3] and [5].

It is a new paragraph. You may separate your paper into some sections and subsections using commands `\section` and `\subsection`. Don't forget to give each section and subsection a unique label by `\label`. Then you may refer it: see Section 1.

Key words and phrases. First keyword, Second keyword, ... , last keyword (at least 3 and at most 5 items).

[*] Speaker

2. **Preliminaries**

This section includes some subsections.

2.1. **Theorem-like environments.** By these environments, you may organize your results.

Definition 2.1. Here goes a definition in which

i)

$$S(f) = \int_{[0,1]^n} \sum_{i=1}^{n} (\frac{\partial f}{\partial x_i})^2 dx_1 dx_2 \dots dx_n. \tag{1}$$

ii)

$$\overline{x}_j = \begin{cases} 0 & c_j > 0 \\ x_j & c_j < 0 \end{cases}.$$

Now, you may refer to Definition 2.1

Theorem 2.2. *Here goes a theorem in which we refer to* [2].

Proof. This is a proof for the previous theorem. You may refer to (1). □

You may use the results from the other works and cite them as the following lemma.

Lemma 2.3. [4] *Here goes a lemma in which we have the following formula without number*

$$A_*(x) = \inf\{\sum_{i=1}^{k} A(y^{(i)}) | \sum_{i=1}^{k} y^{(i)} \geq x\}.$$

By giving a unique label to the theorem-like environments, equations, sections one can simply refer to them in the document. For example we refer to Theorem 2.2 here.

Proposition 2.4. *This is a proposition.*

The following corollary is obtained form Proposition 2.4.

Corollary 2.5. *You have a corollary here.*

Example 2.6. Here goes an example which its results are given in the following table.

First column head	Second column head	Third column head
7	$x^2 + 1$	6
-20	y	11
-12	$x + y$	7
8	$x - y$	12

TABLE 1. A sample table caption

And you have a remark which is related to Table 1.

Remark 2.7. Here goes a remark.

The following note is related to Corollary 2.5.

Note 2.8. You may use this structure to add some notes about your results.

Notation 2.9. Hereafter, the following notation will be used

$$(\overline{\mathbf{b}, A})_F = (\bigcup_{A\in\mathbb{A}} (\mathbf{b}, A)_F) \cup (\bigcup_{A\in\mathbb{A}} (\mathbf{b}, A, \emptyset)_F).$$

In the next subsection, the figure environment is given. One example is added to illustrate this environment.

2.2. **Figures.** Using environment "figure", you may insert a figure in the paper. Figures are "float" objects. It means that LaTeX does not generally place them on the same location in the source code as on the output. You may simply refer to them, like Figure 1.

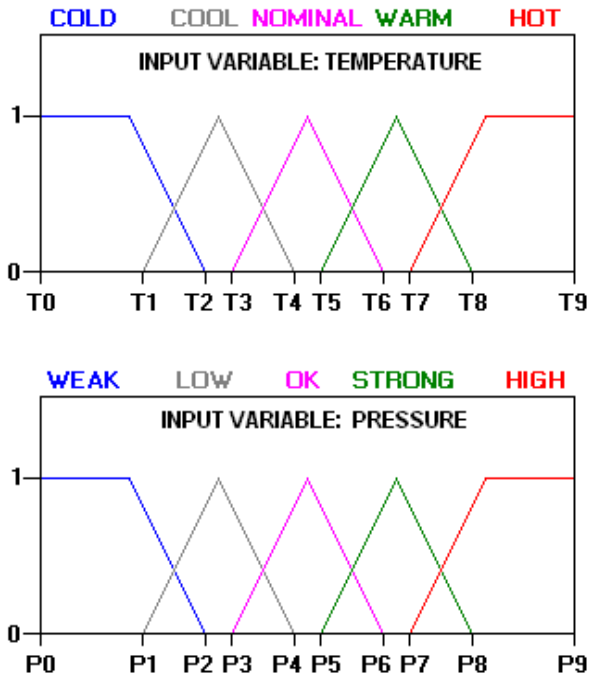

FIGURE 1. Related to Fuzzy Controller

3. Conclusion

A brief summary of the paper should be written in this section.

Acknowledgements. You may put your acknowledgements here.

References

[1] W. Bandler and L. Kohout, *Special properties, closures and interiors of crisp and fuzzy relations*, Fuzzy Set. Syst., **26(3)**(1988), 317–331.
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[5] L. A. Zadeh, *Fuzzy sets*, Inform. and Control, **8(3)**(1965), 338–353.