The title must be concise (not containing more than 100 characters), informative, and must not include a subtitle

O título deve ser conciso (não mais que 100 caracteres), informativo e não deve incluir legenda

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**ABSTRACT**

The abstract must be informative and not only indicate the general scope of the article but also the main results obtained, the utilized methods, the value of the work, and the conclusions drawn. Table numbers, figure numbers, references, or mathematical expressions should not be included. Not exceed 200 words. Once the abstract is finished, it is necessary a list of keywords related to a quick reference of the submitted article.

**Keywords:** keyword 1, keyword 2, keyword 3, keyword 4, keyword 5

RESUMO

O resumo deve ser informativo e indicar não só o âmbito geral do artigo, mas também os principais resultados obtidos, os métodos utilizados, o valor do trabalho e as conclusões tiradas. Nenhum número de tabela, número de figura, referência ou expressões matemáticas exibidas devem ser incluídos. Não deve exceder 200 palavras. Após o resumo relacionar as palavras-chave destinadas a uma referência rápida do artigo submetido.

**Palavras-chave:** palavra-chave 1, palavra-chave 2, palavra-chave 3, palavra-chave 4, palavra-chave 5

**Introduction**

The Introduction section must identify the nature of the problem under investigation in relation to its antecedents, in a clear and summarized way, while utilizing relevant references. An introduction that consists of an extended literature review is not acceptable.

**Types of Articles:**

1. **Original articles: maximum 15 (fifteen) pages**
2. **Review articles: maximum 20 (twenty) pages**

**Materials and Methods**

The section Material and Methods can precede or follow the section Results and Discussion, but they must be separated.

**Results and Discussion**

1. **Figures and Subtitles:**
   * Include figures in the text with titles and subtitles, following their appearance order.
   * Explicitly reference each figure in numerical order (e.g., Figure 1, Figure 2(a), Figure 2(b), etc.).
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   * Subtitles should be concise, preferably appearing in a box on the figure or in the title.
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   * Include tables in the text with explanatory titles for the presented data.
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Example table:

| **name** | **name** | **name** |
| --- | --- | --- |
| A | 23 | - |
| B | 200 | 50 |
| C | 200 | 20 |
| D | 400 | 10 |
| E | 400 | 5 |
|  |  |  |

1. **Algorithms:**
   * Present algorithms as text, without enclosing them in boxes.
2. **Math and Equations:**
   * Prevent confusion between similar characters (e.g., "l" and "1").
   * Ensure clarity in character placement for superscripts and subscripts.
   * Use consistent superscript notation for exponential expressions (e.g., 5x10^3 instead of 5E03).
   * Represent vectors and matrices in bold.
   * The equations are listed sequentially in the text, with right-hand numbering, for example,

|  |  |
| --- | --- |
| ​​. | (1) |

In equation (1), ...

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**Examples:**

(Cirilo, 2023; Herbert, 2023) or Cirilo (2023) and Herbert (2023)

**Conclusions**

The Conclusions section, which summarizes the main conclusions of the work, must be presented immediately after the section Results and Discussion.

**Author Contributions**

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**Conflicts of Interest**

The authors declare no conflict of interest OR The authors declare...

**Acknowledgments**

The acknowledgments section in a research paper is optional and allows authors to express gratitude to those who contributed to the research or publication process. It should be concise, clear, and relevant to the work.

**References**

Cirilo, E. R., Figliaggi, B. R. M., & Natti, P. L. (2023). Quality parameter for edge representation of images via cubic spline. Semina: Ciências Exatas e Tecnológicas, 44, e47720. <https://doi.org/10.5433/16790375.2023.v44.47720>

Santos, H. S. P. T., Cirillo, M. A., Borém, F. M., & Rebaza Fernández, D. D. R. (2023). Nonlinear canonical correspondence analysis: Description of the data of coffee. Semina: Ciências Exatas e Tecnológicas, 44, e47875. <https://doi.org/10.5433/1679-0375.2023.v44.47875>