PAMDAS Opendocument Template

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**Abstract**

One paragraph of up to 200 words maximum. The abstract should mention: 1) Theproblem addressed; motivation for the study; 2) Methods: describe briefly the main methodsused to solve the problem; (3) Main results; and 4) Relevance of the findings; why the work is important to the state of the art.

**Keywords:** keyword 1; keyword 2; keyword 3 (List three to eight search terms that could be used to find the paper.)

# 1 Introduction

Along the paper, put references in IEEE format and cite properly, such as [[1](#_bookmark5)]. When you do not consult the original source, use indirect citations, such as “According to Doe *et al.* [2], Foe *et al.* [3] state that ...,” efectively citing both manuscripts. For references to articles that have not been peer-reviewed, such as websites, a footnote is normally sufficient[1](#_bookmark0).

References should be numbered and appear in the order they are cited in the paper.

All dates should be written in ISO format: YYYY-MM-DD.

The introduction should clearly state:

• The problem addressed in the paper, and why it is important

• Current state of the research. If a comprehensive review is done, the paper could have a

section dedicated to the State of the Art.

• Research questions and objectives of the paper.

• Methodology of the research

The Introduction should also finish with a brief structure of the paper, such as follows. Section [2](#_bookmark3) presents a review of the state of the art. Section ...

1All urls should have the date of last access, such as <https://www.rcm2.pt/pamdas2025> (last access on 2025- 01-01).

Figure 1: RCM2+ Logo

Table 1: Variables in Ohm's Law

|  |  |
| --- | --- |
| **Variable** | **Description** |
| **U** | Voltage |
| **R** | Resistance |
| **I** | Current |

# 2 State of the art

Describe related work. This section is often also called Related Work or Literature Review.

When a comprehensive review is performed, it is a good idea to include a description of the procedure followed during the review. Namely, inform which search terms were used, which databases were searched, what criteria were used to select the papers to review and other procedures relevant to the results obtained.

For each approach described, it is important to mention i) what the authors did / problems solved / object of the research; ii) which methods were used; iii) what results were obtained.

# 3 Methodology

After introduction and state of the art, the papers normally describe the materials and methods used during the research. A separate section could present the theoretical background, if needed.

Equations should be used, properly formatted and described, such as Equation [1](#_bookmark4), where *U* is voltage, *R* is resistance, and *I* is current intensity.

(1)

When appropriate, include figures such as Figure 1.

Note: All tables and figures should be properly referenced and explained in the text.

**4 Results**

Manuscripts describing experimental work (and others) normally have a section dedicated to describing the results obtained. Describe your results properly.

When tables are used (in the results and other sections), the procedure is similar to tables, such as example Table 1. Note, however, that captions should be placed above tables and under the images in figures. Additionally, in scientific writing unnecessary lines are normally suppressed in the tables, as is done in the example Table 1.

# 5 Discussion

When appropriate, add a discussion section, where the results are compared to the state of the art. This section should also highlight the main contributions and answers to the research questions posed in the introduction.

# 6 Conclusion

In the paper conclusion, briefly describe: the problem that lead to the research; methods used to solve the problem; main results obtained; importance of the results (why they are a contribution to the state of the art); advantages and limitations of the research.

The Conclusion should also include a paragraph about future work.

The Conclusion should be brief. Long discussions should be in a previous Discussion section.

**Acknowledgments:** When appropriate, include acknowledgments, such as funding information.

**References**

[1] Ana Malta, Mateus Mendes, and Torres Farinha. Augmented reality maintenance assistant using YOLOv5. *Applied Sciences*, 11(11):4758, 2021.

[2] John Doe. How to mimic a reference again. The Science of Mimics, 1(2), 2025.

[3] Francis Foe. How to mimic a reference. The Science of Mimics, 1(1), 2025.