

# Title

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**Abstract.** This should be a short summary of the contents of the main body.

- It must be self-contained (without any external references, etc)
- It must be in plain text (without using any mathematical symbols, etc).

**Keywords:** .....

The main body should describe challenge, achievements and progress in mathematical software research, addressing issues such as functionality, underlying theories, design, development and applications.

- The whole paper (including the title page and the references) must be **at least 4 pages** **at most 8 pages**.
- For a new software, some comparison with existing software (if exists) will be appropriate.
- Carefully divide the main body into several meaningful sections. For example, you could have sections such as the following. They are **not** required. These are only given as an illustration.

## 1 Introduction

## 2 Functionality??

- Describe the functionality of the software.
- Address wide audience (not just experts on the particular area).
- Use carefully chosen simple(toy) examples, screen shots, etc.

## 3 Application??

- Show important/non-trivial applications of the software.
- Address wide audience (not just experts on the particular area).
- Use carefully chosen non-trivial examples, screen shots, etc.

#### **4 Underlying theory??**

- Explain briefly/informally the main theories/algorithms underlying the software.
- Address wide audience (not just experts on the particular area).
- If helps, use carefully chosen simple examples, diagrams, etc.

#### **5 Technical contribution??**

- Discuss main technical challenges that had to be overcome, while developing the software.
- Address experts on the particular area.
- If helps, use carefully chosen simple examples, diagrams, etc.

#### **References**

1. ....