

# How to use the *Open Journal of Mathematical Optimization* class file

## A sample L<sup>A</sup>T<sub>E</sub>X source file

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### Abstract

This document is a short user's guide to the L<sup>A</sup>T<sub>E</sub>X class for articles in *Open Journal of Mathematical Optimization*.

Supplementary material for this article is supplied as a separate archive mycode.zip, the related data is displayed in the document supplement-doc.pdf.

**Keywords** Example, Optimization, Journal.

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## 1 Introduction, meta-data commands

This is the beginning of our article.

### 1.1 Title

The command for the title is: `\title`. The `\maketitle` command must be put after the abstract.

### 1.2 Citations

The bibliography must be build using bibtex. A sample of a bibtex file `biblio.bib` is available on the OJMO website (<http://ojmo.centre-mersenne.org/>).

The references must be put inside a bibtex file constructed from this sample and referred to in the article by using the `\cite` command, which produces for example [2] or [3] (see also the comments in `biblio.bib`).

## 2 Figures

The article being compiled in pdf, the figures must also be in pdf. The inclusion of the figure is done using the following commands.

The parameter *xxx*, a real number between 0.0 and 1.0, indicates the width the figure should take in the page.

Here is an example:

► **Theorem 1.** *Most theorems are true.*

**Proof.** Th. 1 is obviously true. ◀

► **Example 2.** This should look like a good example.

► **Remark 3.** Can an example like Ex. 2 give some insight in Th. 1's proof?



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