A HELPFUL TEMPLATE FOR THE JNSAO LATEX STYLE

Managing editors of the Journal of Nonsmooth Analysis and Optimization*

Abstract   The abstract goes here.

1 INTRODUCTION

This is a LATEX [3] template for you to use for writing articles for the Journal of Nonsmooth Analysis and Optimization (JNSAO).

2 PACKAGES

The JNSAO class is built using standard LATEX classes and styles (scrartcl from KOMA-Script and amsmath and amsthm from the AMS; we refer to the standard documentation for these classes). Any package compatible with these can be used. Beside the fonts, the following packages are loaded in the class file to provide the layout:

- hyperref

- caption

- subcaption

Especially the last two should be noted since they are not fully compatible with other, similar, packages such as subfig or subfigure.

In addition, special support is included in the class for two classes that are optional and can be loaded in the manuscript file:

- cleveref: The use of this package is recommended; authors should include

      \usepackage[nameinlink,capitalize]{cleveref}

  (as in this template) and then make cross-references with \cref, as this will produce larger more easily-clickable hyperlinks, such as this one to Section 1, and automatically insert correct target names (Section, Theorem, etc.).

- lineno: This package prints line numbers that are very helpful for reviewers. If this is desired, include this package using

      \usepackage{lineno}\linenumbers

  or simply uncomment the line 15 in this template.

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3 DOCUMENT INFORMATION

3.1 AUTHOR AND TITLE

mention ORCID:

funding footnote?

3.2 PUBLICATION INFORMATION

4 REFERENCES

It is strongly recommended to use BibTex together with the provided bibliography style jnsao.bst.
This style has been adapted as follows:

1. Similarly to biblatex, the case of titles is *not* adjusted. Authors should check their bibliography
   file and make sure to use

   a) *Title Case* for journal, book, and thesis titles;

   b) *Sentence case* for individual contributions (articles, chapters etc.)

   On the other hand, it is not necessary to escape capital letters in, e.g., proper names by braces
   ({N}ewton).

2. The style allows the alternate fields date (for year) and journaltitle (for journal) to allow
   sharing bibliography files with biblatex.

3. There is explicit support for preprints on arXiv or HAL. The corresponding bibliography entries
   should be formatted as

   ```
   @article{arxiv,
       title={An interesting result in nonsmooth analysis},
       author={Author, Anne and Coauthor, Carl},
       journal={arXiv},
       year={2019},
       eprinttype={arxiv},
       eprint={1903.00000},
   }
   ```

   see [2], or

   ```
   @article{HAL,
       title={Another interesting result in nonsmooth analysis},
       author={Author, Anne and Coauthor, Carl},
       journal={HAL},
       year={2019},
       eprinttype={hal},
       eprint={00000000},
   }
   ```

   see [1].

   Note that the specific version cited should always be included in the reference!

5 COMPILING ON ARXIV

If you use this class to submit to arXiv, it is *necessary* to include the provided `00README.XXX` file in your submission. This file contains compiler directives that allow hyperref to work with the options set in the class file. In addition, do not remove the first line, `\pdfoutput=1`, in this template.

REFERENCES

[1] A. Author and C. Coauthor, Another interesting result in nonsmooth analysis, *HAL* (2019), hal-00000001v1.

[2] A. Author and C. Coauthor, An interesting result in nonsmooth analysis, *arXiv* (2019), arXiv: 1903.00001v1.

[3] L. Lamport, *LaTeX: a document preparation system: user's guide and reference manual*, Addison–Wesley, 1994.