Preparation of
ADSA and IJDE Manuscripts

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Before submitting your paper to ADSA or IJDE, please follow all instructions as given in this document. If a paper is submitted that does not follow the instructions below, it will be rejected without review.

1. Please download the style file

   `style.tex`

   and the paper file

   `adsa-paper.tex` (for ADSA) or `ijde-paper.tex` (for IJDE).

   Please copy these two files in the same directory.

2. Please do never alter the style file `style.tex` in any form and please do not copy its contents into your paper file. Instead, make sure the first line of your paper file reads `\input{style}`.

3. Please do not change the first ten lines in your paper file. For the eleventh line, please replace `Author` by the author names for even-numbered pages and `Title` by the short

title for odd-numbered pages. Place any \newcommand lines etc. after the eleventh line.

4. Fill the lines after \begin{document} as in the following example.

   \title{\adsa\center\Large\bf Title of the Paper}

   (or \title{\ijde\center\Large\bf Title of the Paper})

   \author{{\bf First Author} and {\bf Second Author}\\

   First and Second Authors' University\\

   First and Second Authors' Department\\

   First and Second Authors' City, Zip, Country\\

   {\tt First Author's E-mail} and {\tt Second Author's E-mail}

   \and

   {{\bf Third Author} and {\bf Fourth Author}\\

   Third and Fourth Authors' University\\

   Third and Fourth Authors' Department\\

   Third and Fourth Authors' City, Zip, Country\\

   {\tt Third Author's E-mail} and {\tt Fourth Author's E-mail}

   }

   Please make sure you do not use commas or periods at the ends of any of these lines.

5. For the title of the paper, including the running title and the titles of sections, please use capitalization of the first word, and all other words, except for closed-class words (example: The Vitamins are in my Fresh California Raisins). Please do not put formulas in titles of papers or sections.

6. Enter your abstract between the lines

   `\begin{abstract}`

   `\end{abstract}`

   Please do not use formulas or citations in the abstract.

7. Please enter the 2010 AMS Subject classifications and keywords into the lines

   `\subj{Insert numbers separated by commas without period at the end}`

   `\keyw{Insert keywords separated by commas without period at the end}`

   The first keyword should start with a capital letter. Normal capitalization should be used for the following keywords.

8. Please make sure the second last line of your paper file reads

   `\label{lastpage}`

9. All theorems, lemmas, propositions, corollaries, examples, remarks etc. should be numbered consecutively within each section. To accomplish this, make sure to use `\begin{theorem}` and `\end{theorem}` as well as `\label` and `\ref`. Please make sure that labels are given everywhere and that there are no **multiply defined labels** and no **undefined labels**. These two error messages can be seen from the log file when compiling the LATEX-document. If any of the theorems etc. should have a title right or citation right after the theorem number, please use the command according to the following example:

   `\begin{theorem}[Taylor's theorem]\label{Labely}`

   or

   `\begin{theorem}[See \cite{Refx}]\label{Labely}`

   or

`\begin{theorem}[See \protect{\cite[Theoremz]{Refx}}]\label{Labely}`

10. Please use `\begin{proof}` and `\end{proof}` for proofs. If the proof has a title, please use it according to the following example:

    `\begin{proof}[Proof of Theorem \ref{Theoremz}]`

    Please do not leave the last line of the proof (the one with the end-of-proof sign) empty; if necessary, please write "This concludes the proof." or similar.

11. Please make sure that each bibliographical item is labelled and that these items are recalled using the `\cite` command. Please also make sure to use `\cite[Theorem x]{label}` instead of `Theorem x` in `\cite{label}` and `\cite{label1,label2}` instead of `\cite{label1}, \cite{label2}`. Please do not cite like `\cite{x}--\cite{y}` but please include all references (the order of the bibliographical entries might change later).

12. Please make sure each equation that is recalled anywhere in the paper is labelled with `\label{name}` and recalled later using `\eqref{equation}` instead of (`\ref{equation}`).

13. For double names, please use `--` instead of `-` (same with page numbers) Example: "Leray–Schauder theorem" instead of "Leray-Schauder theorem". Example: "pages 5–10" instead of "pages 5-10". Example: "See Equations (3.8)–(3.12)" instead of "See Equations (3.8)-(3.12)".

14. Please write "Banach's fixed point theorem" and not "banach's fixed point theorem" and not "Banach's Fixed Point Theorem".

15. Please make sure opening quotation marks are typeset as two consecutive ` while closing quotation marks are typeset as two consecutive '.

16. Example about hyphenation: "This equation is of second order". But: "This is a second-order equation". Anything with "non" is not hyphenated. Example: "nonlinear" instead of "non-linear".

17. Please write "If ..., then" instead of "If ... then". Please correct "Let ... then ..." or "Suppose ... then ..." or similar to "Let .... Then ...". Please correct "Since ..., then ..." to "Since ..., we have ..." or similar. Please write "From (3.8), we deduce ..." instead of "From (3.8) we deduce ...".

18. Please put "," after "i.e." and "e.g.". Also, if there is a word that ends with "." but is not the end of a sentence, put "\" right after ".". Example: `etc.\`

19. Sometimes authors insert empty lines after displayed equations which cause the text to start a new paragraph, even sometimes within a sentence. In such case, please remove the empty line and make sure that no new paragraph is starting there. Also, any \\ should be avoided within the text. If a new paragraph really is needed here, remove the \\ and insert an empty line after that. If no new paragraph is needed here, remove the \\. Also watch out for `\noindent`: If there is one, and it is a new paragraph, remove `\noindent`. If there is one, and it is not a new paragraph, remove `\noindent` and any empty line between the following and the previous text.

20. Please make sure instead of just typing three periods ... we will use `\ldots`

21. Please make sure that each ",", ".", ":", ";" will have no space in front of it and will have one space after it. Also, "(" should have one space in front of it and no space after it. Also, ")" should have no space in front of it and one space after it. Also, when a sentence ends, a "." should be at its end.

22. Please make sure that any math text is typeset in mathmode, i.e., within dollar signs. However, no nonmath text can by typeset in mathmode. For example, please write

We know the values of a, b, and c.

and not

We know the values of $a, b,$ and c.

and not

We know the values of a, b, and $c.$

and not

We know the values of a, b, and c.

Another example: n-dimensional and not n-dimensional and not $n-$dimensional.

23. Please use $\sup$ and not sup and not sup. Please use $\liminf$ and not $\lim\inf$.

24. Please use itemize or enumerate for lists.

25. Please write "Section 3" instead of "section 3" but "in this section" instead of "in this Section".

26. It is either "the Euler theorem" or "Euler's theorem", but not "the Euler's theorem".

27. Make sure that, when compiling the paper, there are no **overfull boxes**. Also, **underfull boxes** should be eliminated.

28. All parentheses should be adapted in size, for example, it should be

$$\left(\frac{1}{2}\right) \quad \text{instead of} \quad (\frac{1}{2}).$$

29. Be careful that there are no \pagebreak or \linebreak or \clearpage or \break or \eject or \enlargethispage or similar commands in the file, which could mess it up completely after reformatting. Delete all such commands. If displays have to be broken, please use \allowdisplaybreaks[1] and if it still does not work up to \allowdisplaybreaks[4].

30. Please do not put any acknowledgements (grants etc.) as a footnote on the first page. Instead, write at the end of the paper, just before the references

    `\section*{Acknowledgements}`

    and put your acknowledgements in this unnumbered section.

31. Please put references in alphabetic order. Please use official journal abbreviations and write page numbers as `x--y` instead of `x-y` for all references. The best way to prepare the bibliography is to use

    `http://ams.rice.edu/mathscinet/`

    in the following way: Search for each item, then copy the desired item to the clipboard. Once finished, go to clipboard and select the items to be displayed in bibformat. Then produce a file "name-x.bib". Put the following two lines at the end of the "name-x.tex" file:

    `\bibliographystyle{plain}`

    `\bibliography{name-x}`

    Then compile with the sequence "latex name-x", "bibtex name-x", "latex name-x", "latex name-x" and everything is in proper alphabetical order and official correct information. This is the one and only professional way to accomplish this. You need to subscribe to mathscinet to do this.