

Transmathematica Formatting Guidance

James A.D.W. Anderson

Department of Computer Science
The University of Reading
England
RG6 6AY

j.anderson@reading.ac.uk

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Abstract

[Transmathematica](#) is a multidisciplinary journal. Here we describe how to arrange the content of articles so that it is accessible to a wide range of readers and how to format articles from initial submission to eventual publication.

This guidance is an example of the [Transmathematica](#) journal's style.

1 Introduction

[Transmathematica](#) is a multidisciplinary journal. This means that authors must take more than usual care to ensure their articles are accessible to a wide range of readers and the journal must take care to make the submission process easy for a wide range of authors.

When articles are first submitted to [Transmathematica](#), they must be in an editable [Portable Document File \(PDF\)](#). This format can be produced by a wide range of commercial and cost-free word processors. This makes the initial submission easily accessible to authors and reviewers. However, all articles are published using [L^AT_EX](#) so authors must make the transition to [L^AT_EX](#) at some point.

Authors who write articles with little mathematical content may like to work in PDF for as long as possible. Converting such articles to [L^AT_EX](#) is largely a matter of cutting and pasting text into a [L^AT_EX](#) template that is available in the [Author Guidelines](#). This article explains how to fill out the template. Authors who write articles with a lot of mathematical content should use [L^AT_EX](#) from the outset and are probably familiar with

its use. Authors who are familiar with L^AT_EX may like to read the L^AT_EX source of this article, which is also available in the [Author Guidelines](#).

All authors may use commercial L^AT_EX editors, they may [download cost-free L^AT_EX editors](#) or they may use an [online L^AT_EX editor](#). The journal will set up an online L^AT_EX project for authors if and when their initial submission is accepted for further processing.

In order to make the article easily readable on the widest range of electronic devices, the text should be presented in a single flow. Therefore no author details, figures, tables or other items should be placed side by side and there should be no headers, footers or footnotes.

Authors should make good use of the fact that Transmathematica is published only as an online journal. As shown above, authors may link their name and institution to web pages. Email addresses should be given as hyperlinks. All articles should be cited with hyperlinks like this [\[3\]](#) and all references should have complete bibliographic information, including a [Digital Object Identifier \(DOI\)](#) or [Uniform Resource Locator \(URL\)](#) if available. Articles may also contain hyperlinks to supporting digital assets, such as source files, data files or digital media. If these are stored within the journal then the editors will provide the hyperlinks.

Note that the journal accepts no responsibility for hyperlinks to objects outside the journal. Authors should take care to link only to long lasting objects and should use DOIs in preference to URLs.

Specific formatting guidance for articles is given in the next section. The editors will advise on the formatting of other digital assets such as data files, source files and digital media.

We invite our authors to actively engaged with the journal by making [suggestions](#) for improving its formatting, content, services and online presence. The more you put into the journal, the more you get out!

2 Formatting Guidance

2.1 Article Title

The article title should be short and informative. It should be formatted according to the conventions of the language it is written in. For example, articles written in English should have a single or multi-line title in which the first letter of each line is capitalised and all other words are capitalised, except connectives such as *in*, *of*, *or*, and *and*. The formatting of titles is subjective so the editors may give guidance.

Do not put hyperlinks in the article title. An editor will link your title to a citation for your paper. This will help readers to cite your article accurately and will allow them to check the online journal to ensure they have the most recent revision of the article.

2.2 Hyperlinks

Hyperlinks may be inserted into the article with the command:

```
\href{URL}{text}
```

Here the *URL* must be a full [Uniform Resource Locator \(URL\)](#), including the protocol *http* or *https*, as appropriate. The command makes the *text* into a hyperlink to the *URL*.

All other hyperlinks are inserted as a side effect of declaring email addresses or giving references or citations.

The journal is not responsible for the contents of external web sites.

2.3 Author Identification

Authors are identified by giving their name, postal address and email address. The name should be in the form the author uses to be identified in citations. The addresses are to allow readers to communicate with the author. If there is good reason why this information should not be provided then discuss this with an editor. The journal will, exceptionally, publish articles under an individual or group pseudonym or even anonymously.

The block of author name, postal address and email address should be repeated once for each author, no matter how many authors there are.

2.3.1 Author Name

The author name should be in whatever form the author commonly uses to be identified in citations. Authors may hyperlink their names to personal or professional websites.

2.3.2 Postal Address

The postal address may be to the author's institution. Authors may hyperlink parts of the address to institutional websites.

2.3.3 Email Address

Email addresses are inserted into the article with the command:

```
\email{address}
```

The command makes the *address* into a hyperlink that creates a blank email with the given *address*. The reader may enter text into the email and can then send it.

2.4 Dates

Enter the submission date on which the article is first submitted to the journal. Replace the revision date every time a new revision of the article is submitted to the journal. An editor will provide the publication date.

An editor will override the dates if they do not agree with the journal's online records. The journal uses Greenwich Mean Time (GMT), without daylight saving, for all official timings, regardless of the time zones its servers are in.

2.5 Abstract

The Abstract is compulsory. It should be short. It should usually have three components. Firstly a brief statement of the article's historical, technical or artistic context. Secondly a summary of the issues addressed by the article. Thirdly a summary of the article's results.

The context is needed because Transmathematica is a multi-disciplinary journal whose readers have a wide range of backgrounds.

2.6 Introduction

The Introduction is compulsory. It should start by describing the background to the article and should gradually focus in on the specific contents of the article.

In addition to technical citations, the Introduction should cite background reading so that the article is accessible to readers with a wide range of backgrounds.

Later sections of the article may be entirely technical.

2.7 Body

The body of the article may be composed of any sections, sub-sections or sub-subsections but there should not normally be more than three levels of section. If more levels are wanted then discuss this with an editor.

2.7.1 Section

2.7.2 Subsection

2.7.3 Sub-subsection

2.8 Conclusion

The Conclusion is compulsory. It should be short. It should usually have one component. It should state the results of the article in more detail than the abstract but it need not state the context or issues addressed.

2.9 Appendices

2.10 Acknowledgements

2.11 References

3 Conclusion

When articles are first submitted to [Transmathematica](#), they must be in an editable [Portable Document File \(PDF\)](#). This may be prepared in any software. However, all articles are published using \LaTeX . Authors will obtain speedier publication if they prepare their articles in \LaTeX , following the formatting guidance given here.

A Links to Useful Resources

Acknowledgements

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References

- [1] Provide whatever references your article needs. In the exceptional case that there are no references then the References section should be omitted.
- [2] You may include hyperlinks to cited documents but, if you do, give the date on which you last accessed the hyperlink so that readers may be able to recover the linked item from an archive.
- [3] J. A. D. W. Anderson, N. Völker, and A. A. Adams. “[Perspex machine viii: Axioms of transreal arithmetic](#).” Accessed on 8 April 2019. In Longin Jan Lateki, David M. Mount, and Angela Y. Wu, editors, *Vision Geometry XV, Proceedings of SPIE*, pp. 2.1–2.12, 2007.