

L^AT_EX Guidelines for Submission to *Mathematics Today*

Don't worry too much about layout and format since your article will be professionally typeset into the *Mathematics Today* standard before publication.

Use a class such as *memoir*. The article title should be a section heading, with important words capitalised. Subsections can be used if required; only the initial word is capitalised.

Spelling is British.

Use single quotes, with double quotes inside if necessary.

Uncommon abbreviations should be defined on first use and afterwards used consistently: Ordinary Differential Equations (ODE). No points are used.

Dates should be formatted as 14 November 2010.

Large numbers are written with a comma: 4,000, 10,000. Matrices and vectors are bold, variables italic (i.e. in math mode).

No hyphen is required for 'nonzero'.

Mathematics

Displayed equations have final punctuation if required. They may be numbered, and do not require a colon before

$$E^2 = (mc^2)^2 + (pc)^2. \tag{1}$$

Refer to equation (1), or just (1).

For integrals, the 'd' of the integrand is typeset roman, with a thin space

$$\int f(x) \, dx.$$

Axes: *x*-axis.

References

References numbered and should be given in the order cited. All references should be cited. Briefly, the format is as follows.

Book

1. Author A. and Author A.B. (Year) *Title*. Place: Publisher, pages.

e.g.

1. Smith J. (2010) *An Introduction to Mathematics*. Cambridge: Cambridge University Press, pp. 2–9.
2. Smith J., Jones A.B. and Williams B. (2010) *An Introduction to Mathematics*. 2nd ed. Cambridge: Cambridge University Press.
3. Smith J., et al. (2010) *An Introduction to Mathematics*. Cambridge: Cambridge University Press.

Conference

1. Author A. (Year) Article title. In *Proceedings of the Conference*, Date; Location.

e.g.

1. Smith J. (2010) An introduction to mathematics. In *Proceedings of the 2nd Conference on Mathematics*, 15 Oct 2010, 15–19; Cambridge, UK.

Journal

1. Author A. (Year) Article title. *Journal* Volume, Issue, pages.

e.g.

1. Smith J. (2010) An introduction to mathematics. *Mathematics Today*, vol. 40, no. 2, pp. 2–9.

Citations

Citations are numbered within square brackets: [1], [2,3], [4–6].

Since articles are generally short, references and citations do not need to use any of the L^AT_EX packages.

Sample text file

```
\documentclass[10pt,a4paper]{memoir}

\usepackage{multicol}

\begin{document}
\section{Article title}
A. N. Author

\begin{multicols}{2}

\subsection{Introduction}
Article text.

\begin{equation}
E^2 = (mc^2)^2 + (pc)^2.
\end{equation}

\[
\int f(x) \, \mathrm{d}x.
\]

\end{multicols}
\end{document}
```