

An Incomplete List of Online Tools for Mathematicians

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1 Publications and Preprints

- [arXiv.org](#) - preprint server
- [zbMath](#) - search engine for publications / reviews
- [Google Scholar](#) - search engine for publications
- [MathSciNet](#) - search engine for publications / reviews (needs University access)
- [arxivist](#) - sorting new arxiv entries according to your preferences

2 Networking and Questions

- [ORCID iD](#) - digital identifier
- [ResearchGate](#) - network for scientists
- [MathOverflow](#) - online forum for professional Mathematics questions
- [Math stackexchange](#) - online forum for general Mathematics questions

3 Writing

- [MikTeX](#) - \LaTeX distribution for Windows
- [MacTeX](#) - \LaTeX distribution for Mac OS
- [Overleaf](#) - collaborative \LaTeX writing tool
- [Detexify](#) - find the \LaTeX code for a symbol from a drawing
- [TeX stackexchange](#) - online forum for \TeX and \LaTeX questions
- [Git](#) - version control system
- [doi2bib](#) - converts DOI's to bibtex entries
- [arxiv2bibtex](#) - converts ArXiv entries to bibtex entries
- [The Not So Short Introduction to \$\text{\LaTeX}\$ 2_ε](#) - \LaTeX tutorial
- [WikiBooks \$\text{\LaTeX}\$ page](#) - \LaTeX tutorial

4 Computing

- [Sage](#) - open source computer algebra system
- [WolframAlpha](#) - online computer algebra system
- [Desmos](#) - online plotting system
- [OEIS](#) - Online Encyclopaedia of Integer Sequences

5 Management

- [Zotero](#) - reference management software
- [Mendeley](#) - reference management software
- [Bookends](#) - reference management software
- [Trello](#) - Collaboration tool
- [Zulip](#) - Collaboration tool