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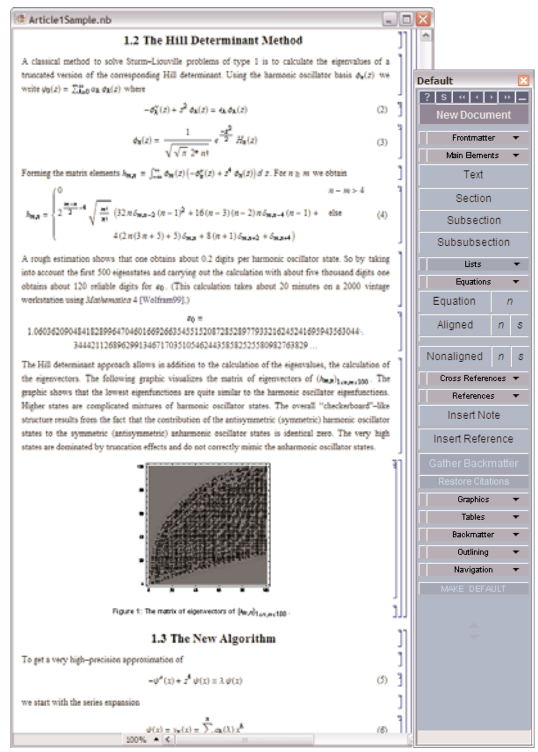
Wolfram Research is transforming the way the world publishes technical documents with *Wolfram Publicon*—an integrated solution for authoring documents in XML and other structured data formats. *Publicon* provides an easy-to-use graphical interface for creating publication-quality technical documents that integrate text, searchable typeset equations, graphics, hyperlinks, endnotes, and references. Built-in palettes, templates, and style sheets simplify the creation of documents that conform to established formats but also allow for complete customization. *Publicon's* combination of ease of use and cutting-edge technology makes it the first choice for authoring structured technical documents for electronic or print publication.



Publicon documents combine text, mathematical expressions, pictures, and diagrams into one flexible, professional-looking document.

For more information visit: **www.wolfram.com/publicon**

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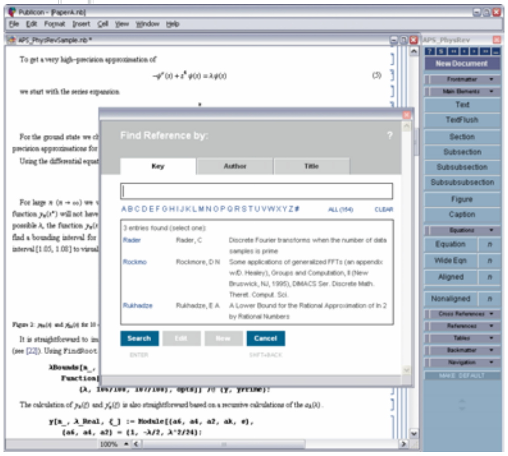
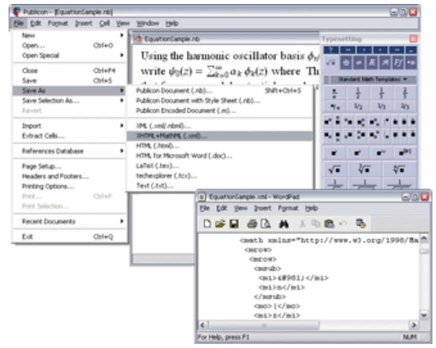


Special tools allow you to enter citations or endnotes and create a bibliography.



Export equations as MathML or save documents in HTML, XML, or TeX, as well as publisher-specific document formats such as REVTeX, AMS-TeX, and BioMed Central's XML article format.

Floating palettes make it easy to enter formulas and format your documents.

Who is it for?

Publicon's document creation interface is specifically designed for authors of technical content and is ideal for anybody who needs to create structured technical documents such as research papers, reports, dissertations, and theses. Potential users include scientists, engineers, researchers, professionals, and students in physics, mathematics, engineering, biosciences, finance, and other technical fields.

Features

Math typesetting

Searchable typeset equations

Unique word processor-like equation composition with automatic "intelligent" line breaking

Built-in palettes for entering complex equations quickly and easily

Keyboard shortcuts for all common mathematical symbols and constructs

Customizable palettes for entering your own frequently used expressions

Custom fonts for hundreds of special characters and symbols

Automatic conversion to and from MathML

User-friendly interface

Palette-driven composition of structured documents in specific journal formats such as REVTeX, AMS-TeX, LaTeX, and BioMed Central, as well as custom *Publicon* formats

Dialog-based editing and management of technical document elements such as autonumbered notes, citations, cross-references, and tables

Dialog-based data plotting tool for bar charts, pie charts, contour plots, density plots, and scatter plots

Push-button control of general formatting features

Automated spell checking with a built-in technical dictionary

Help system that allows quick-and-easy topic browsing and keyword searching of online documentation for all features and functions

Structured dynamic document format

Notebook format combines text, equations, and graphics, which can be shared by users on all major operating systems.

Hierarchical cells toggle open and closed to compile content into a dynamic outline for easy editing of large documents.

Hyperlinks jump to different points within a document, to another document, and to the web.

Documents created in *Publicon* are based on an underlying ASCII format so they are portable and platform-independent

Export/Import

Create TeX documents without any TeX experience. Conversion support includes publisher-specific formats such as REVTeX, AMS-TeX, and other LaTeX formats.

Import/export entire documents to XML formats such as XHTML, BioMed Central's article XML, and Wolfram Research's NotebookML, all with support for MathML.

Save documents as HTML (including CSS) and share your work with colleagues all over the world. HTML documents with CSS open transparently in Microsoft Word, providing easy conversion from *Publicon* to Word.

Import/export equations directly to and from MathML.

Export to Integre techexplorer™ format.

Import/export graphics and sound in a variety of formats.

For more information visit: **www.wolfram.com/publicon**

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