

Maple V Release 5

Powerful Technical Computing

November 1, 1997 - With Release 5, Waterloo Maple continues to evolve a technical computing environment that will allow users to learn one interface but interact with a large number of commercially available packages. This ability will create an open environment that will enable technical professionals to increase their productivity and reduce their design time.

"Technical professionals today need a computing environment that can solve a wider class of problems," states Dieter Hensler, President and CEO of Waterloo Maple Inc. "As today's technical problems become more complex and the need for greater accuracy increases, technical professionals are demanding a tool of Maple V's caliber. Maple V's symbolic approach to problem solving enables professionals to model designs mathematically before investing large amounts of time in building expensive prototypes. With Maple V Release 5, Waterloo Maple has delivered on its commitment to meet these changing needs."

Release 5 is the solution that technical professionals need. Maple V is recognized for its openness, technical power, and accuracy. With Release 5, new features allow users to enter data and solve problems in an easy-to-use and familiar environment. Release 5 adds a spreadsheet feature that is similar to Excel™, a technology utilized by millions of professionals worldwide. The context-sensitive menus and data entry palettes create a "click & solve" environment that significantly enhances the usability of the product.

Many of the new Release 5 features will be used by technical professionals searching for an integrated open environment. The MATLAB link enables users to access the powerful numerical processing power of MATLAB from within the Maple V environment. The export to HTML feature allows users to quickly collaborate on projects, share research material, and publish technical papers on the Internet. Combining this power with new interface features that incorporate "Click & Solve" technology, users can broaden their problem-solving, design, and presentation capabilities.

Exciting New Features of Maple V Release 5

* **MATLAB Link for maximum flexibility** Users can now execute their favorite MATLAB commands from inside Maple V. Combine the power and flexibility of Maple V and MATLAB to solve a wider class of numeric and modeling applications.

* **Spreadsheet functionality combined with the power of Maple V** Create spreadsheets within a Maple V worksheet and perform Maple V operations right in the spreadsheet. Work in a spreadsheet environment designed to be familiar to Excel™ users.

* **Export to HTML to make web publishing easier than ever** Using Maple V Release 5, users can create HTML pages that include mathematical expressions and graphics with a few simple clicks

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of the mouse. Provide online materials, perform collaborative research, and publish technical papers.

* Enhanced graphical user interface Maple V is the undisputed leader for usability and flexibility among mathematical packages. Maple V is designed as a worksheet-based environment, the most efficient way to perform complex computations and provide an innovative document-processing environment.

* Palettes make it easy Maple V now contains a series of palettes that provide an easy way to enter Maple V expressions. The palettes contain Greek symbols and mathematical constructs such as integrals, limits, summations, square roots, and powers.

* Context-sensitive menus Menus in Maple V guide users through mathematical operations and make style and plot attribute changes easy. Simply click on an expression and Maple V will reveal a menu of operations unique to that expression.

These features and many more have been incorporated into Maple V Release 5 to enhance the usability and flexibility of the world's most powerful computer algebra system.

Maple V Release 5 is available for most popular platforms and operating systems including Windows 95, Windows NT, Windows 3.1+, Macintosh, Power Macintosh, and popular UNIX and Linux platforms. Note: not all features are available on all platforms.

Price and Availability The U.S. commercial single-user Maple V Release 5 price is \$1,195 US. Prices may vary for other countries. The Windows platforms (3.1x, 95, NT) will be available in December 1997 with other platforms to follow in January and February 1998.

Waterloo Maple Inc. is the global leader in the development of interactive solutions for educators and technical professionals. Waterloo Maple products include Maple V, the most powerful interactive solution environment; MathView, a compact "Click & Solve" math and graphing tool for high schools; and Expressionist, an equation typesetting utility for professionals. Waterloo Maple is also a key distributor of the MathResource: Interactive Math Dictionary and Standard Math Interactive, the interactive electronic version of CRC Standard Mathematical Tables and Formulae. WMI also supplies other software companies with essential mathematical components for leading products such as Mathcad (Mathsoft Inc.), MATLAB (The MathWorks), Standard Math Interactive (CRC Press) and Scientific Workplace (TCI Software Research). Over one million users currently access Waterloo Maple's mathematical technology. Over 300 universities and colleges around the world have site licenses for Waterloo Maple products.

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