

Maple V Release 5 (Education)

Powerful Technical Computing

November 1, 1997 - Waterloo Maple's vision is to develop a technical computing environment where educators and students learn only one interface to interact with a large number of commercially available packages. Release 5 incorporates Open Math™ concepts which form the foundation of such an environment.

Students will be able to explore the rich world of mathematics like never before, states Dieter Hensler, President and CEO of Waterloo Maple Inc. Learning mathematics is no longer the static subject it is perceived to be. Implementing Maple V Release 5 into today's mathematics curriculum allows students to explore the rich world of mathematics in fun and exciting ways. With a new easy-to-use interface and the rich open environment of the Maple mathematics engine, this release of Maple V meets today's mathematics education needs.

Technology in the classroom enables students to learn through interaction and exploration of concepts. The use of Maple V technology in education has changed the way we teach and the way we learn. Release 5 makes implementing mathematics technology in the classroom easier than ever. Enhance the exchange of mathematical ideas using the many visualization tools and the ability to publish Maple V worksheets as HTML pages. This, combined with new interface features that incorporate Click and Solve technology such as palettes and context-sensitive menus makes Maple V the best choice for mathematics education.

The Maple V Release 5 Click and Solve technology enables students to enter mathematical information and perform operations with a click of the mouse. Optional pre-defined palettes allow new users to enter expressions, symbols and matrices by simply completing a template. The context-sensitive menus guide users through the process of solving mathematical problems by providing a list of possible operations. Students can now concentrate on learning mathematics and not software.

I have worked with a number of programs, and frankly as a teaching tool, Maple V possesses the best combination of power and ease of use, writes Scot A.C. Gould, Keck Science Center, The Claremont Colleges, Claremont, California.

Exciting New Features of Maple V Release 5 Include:

* Export to HTML makes web publishing easier than ever! With a few simple clicks of the mouse users can export Maple V worksheets quickly and easily to HTML files. Provide online course material, collaborate on research projects, and publish technical papers all on the Internet.

* Palettes Make It Easy! An easy and smart way to enter Maple V expressions. The palettes contain Greek symbols and mathematical constructs such as integrals, limits, summations, square roots, and powers.

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* 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.

* 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 that apply to that expression.

* Spreadsheet Functionality! Spreadsheets, similar to Excel™ can be created within Maple V to capture both spreadsheet functionality and the symbolic power of Maple V.

In today's academic environment Maple V Release 5 makes learning fun and the teaching process more dynamic.

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

Price and Availability The U.S. academic single user Maple V Release 5 price is \$795 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 and 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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