

A Powerful Solution from IBM Research & Waterloo Maple Inc.

Waterloo, Ontario, June 16th, 1998: Waterloo Maple Inc. & IBM Research announce the development of Maple Explorer™, a powerful technical publishing tool that allows users to customize the display of scientific and mathematical expressions and documents as well as to experience live mathematics through the combination of IBM's techexplorer Hypermedia Browser™ and Waterloo Maple's Maple V Release 5.

"No other software system has the breadth or depth of Maple V for solving mathematical problems," said Paul Hamilton, Vice President, Technology Group, Waterloo Maple Inc. *"Release 5 puts Maple V firmly ahead as the most powerful, fastest, and easiest-to-use symbolic software available to help develop solutions to technical problems quickly, accurately and reliably. Engineers, mathematicians, scientists and other technical professionals who use Maple V gain productivity benefits no other mathematical package can match."*

The Professional Edition of IBM's techexplorer Hypermedia Browser formats and displays expressions and documents containing mathematical and scientific expressions. It is a Web browser plug-in for readers and publishers of scientific documents coded with the popular TEX and LATEX markup languages.

techexplorer, combined with the symbolic power of Maple V, will assist authors and publishers of technical documents to readily display interactive mathematics on the Internet.

"Maple Explorer will change the future of electronic technical publishing. Thousands of pages of scientific information now become live and interactive with this new technology," Hamilton continued. *"This partnership will bring together two leading technologies that will free this data and make it live and available for use on a global basis."*

"The combination of IBM's techexplorer interactive document display technology and the computational power of Maple V from Waterloo Maple will lead to a new generation of interactive courseware and exciting possibilities for educators", said Dr. Robert S. Sutor, Manager of the Interactive Scientific Publishing Group at the IBM Research. *"It's a potent solution for the whole range of electronic publishing in the scientific and technical areas."*

This new offering will allow users to share mathematical information on the Web through collaborative workgroups, electronic journals, research documents, technical papers and the publishing of on-line documents.

Together techexplorer and Maple V provide a powerful solution for interactive mathematical technical communication. **Maple Explorer** supports hypertext, multimedia, extended navigational features, and many user-definable User Interface features such as pop-up menus. **Maple Explorer** renders a large subset of the TEX and LATEX markup languages for scientific documents.

News Release

Maple Explorer is the one of the first applications to support a subset of the MathML 1.0 (Mathematical Markup Language) from the World Wide Web Consortium, of which IBM and Waterloo Maple Inc. are active members.

IBM, the world's largest software provider, creates, develops and manufactures some of the industry's most advanced information technologies, including computer systems, software, networking systems, storage devices and microelectronics. IBM offers information about the company, its products, services and technology through the World Wide Web. The home page for IBM is <http://www.ibm.com>.

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 Press', Standard Math Tables. WMI 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 use Waterloo Maple's mathematical technology.

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