

Mathematica for MS Word

Mathematica for Microsoft Word is being tested and will be released soon. This interface allows Word to serve as a notebook-style front end for *Mathematica* on Macintosh and Windows machines. Users can enter *Mathematica* input and receive output, including graphics, directly within Word. All of Word's page layout and text processing capabilities can be applied to "live" *Mathematica* documents, such as spelling and grammar checking, indexing, cross-referencing, figure and equation numbering, multicolumn layout, and text flow around graphics. The interface is written in the WordBasic macro language, and the source code is provided. Those who want an alternative to the traditional notebook interface can use the macro language to create interface elements such as custom dialog boxes, toolbars of common functions, on-screen forms with buttons and pop-up menus, and so on. *Mathematica* for Microsoft Word requires Word version 6 on Macintosh, Windows, Windows 95, or Windows NT machines.

Training Tour

Wolfram Research is continuing its series of one-day *Mathematica* training courses with four different courses covering basic *Mathematica*, programming, data analysis, and financial modeling. The courses will be held in New York, Boston, and Washington D.C. during the weeks of September 25–29 and November 6–10. The courses are "Introduction to *Mathematica*," taught by Ben Friedman, Robert Dickau, and Todd Ramsburg, of Wolfram Research; "Programming with *Mathematica*," by Richard J. Gaylord, of the University of Illinois; and "Data Analysis with *Mathematica*" and "Financial Modeling with *Mathematica*," by William T. Shaw, of Oxford System Solutions. For more information, send e-mail to training@wri.com, or call 1-800-441-6284 ext. 245.

Journal Web Site

The Mathematica Journal has established a World Wide Web page, at <http://www.mfi.com/tmj>. From the home page you can order or renew your subscription, browse the tables of contents of back issues of the *Journal* and the electronic supplement, send inquires or comments to the *Journal's* customer service department, and obtain the *Journal's* guidelines for authors.

1995 Graphics Competition

You are invited to enter the 1995 *Mathematica* Graphics Competition, sponsored by *The Mathematica Journal* and Wolfram Research, Inc. All types of *Mathematica* graphics are eligible: two-dimensional or three-dimensional, abstract or representational, analytical or fanciful. The winner will receive a certificate worth \$200 for products in the Wolfram Research *Mathematica* Products Catalog. In addition to the grand prize, separate prizes will be awarded in three categories: pure artistry, informative presentation, and elegant programming. The winners in these categories will receive copies of *Mathematica Graphics: Techniques and Applications*, by Tom Wickham-Jones, the definitive guide to *Mathematica* graphics. Winning entries will be selected by a panel of distinguished judges. Send your graphics creations, including a disk with the code to generate them, by January 15, 1996, to *Mathematica* Graphics, *The Mathematica Journal*, 600 Harrison Street, San Francisco, CA 94107. For more information, contact the *Journal* by e-mail at editor@tmj.com or fax at 415-905-4962.

Linux Version

Mathematica is now available for the Linux operating system on PCs. *Mathematica* for Linux supports *MathLink* via TCP/IP. The price is \$995. Volume discounts and academic site licenses are available. For more information, contact Wolfram Research at 1-800-441-MATH.

Signals and Systems Pack

The Signals and Systems Pack is a set of *Mathematica*-based tools for working with signals and systems. It focuses on symbolic transforms, classical filter design, and signal analysis by transforms and graphical presentation. The pack will soon be released and will be distributed by Wolfram Research.

New Protocol for Windows 95

Wolfram Research has released an updated protocol, which allows *Mathematica* 2.2.3 for Windows to run with Windows 95. This update replaces *Mathematica's* local protocol and allows *Mathematica* to run on a Windows 95 system without the installation of TCP, which was previously necessary. The update can be obtained from *MathSource* (item 0207-841). ☐