

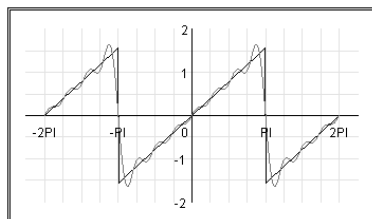


www.software.ibm.com/techexplorer



# techexplorer Hypermedia Browser v3

## Live Web Math with Interactivity



$$f(x) = \sum_{k=1}^n (-1)^{k+1} \left(\frac{1}{k}\right) \sin(kx), \quad n = 7$$

$$= \sin(x) - \frac{1}{2}\sin(2x) + \frac{1}{3}\sin(3x) - \frac{1}{4}\sin(4x) + \dots + \frac{1}{7}\sin(7x)$$

techexplorer is a plug-in for Web browsers that allows users to have live, interactive mathematics on an HTML or XML page. The Intro Edition is a free  $\text{\LaTeX}$  or MathML reader. The Pro Edition includes advanced features for truly interactive mathematical collaboration and publishing.

IBM Research announces techexplorer 3, released in conjunction with the MathML International Conference 2000. Special new features include: Interoperability with *Mathematica* 4.1 from Wolfram Research, Inc.; A Macintosh version for both the Professional and Introductory Editions; ActiveX allows techexplorer to interactively work within many Windows applications, including Microsoft IE, Word, and Powerpoint; Support for W3C DOM and MathML standards allows interactivity with applets, multi-media resources, animations, and many other applications.

Write... create... collaborate... techexplorer makes your browser a scientific publishing environment. View  $\text{\LaTeX}$  and MathML files; create interactive documents with Java applets, video or audio clips, animations, and graphics.

### NEW FEATURES:

- Macintosh platform
- Mathematica*<sup>TM</sup> connectivity
- ActiveX control
- DOM API
- $\text{\LaTeX}$ -2-techexplorer filter

### KEY FEATURES:

- MathML rendering and conversion
- $\text{\LaTeX}$  viewing and editing
- ActiveX control
- DOM API functionality and support
- Create pop-up and pull-down menus
- In-line video and auto-play audio
- AMS symbol fonts
- Expression editor
- Interact with many tools and applications
- Java and JavaScript

### BROWSERS:

- Netscape, MS Internet Explorer, Opera

### PLATFORMS:

- Pro: Windows 95/98/NT, Macintosh OS 8.6/9
- Intro: Windows, Mac, Linux, AIX, Solaris

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