

189g New Features of Polymath Software for Numerical Analysis

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POLYMATHTM is a proven computational system that has been specifically created for professional and educational use. Educational site licenses are provided through CACHE, and copies are included with certain ChE textbooks. The various POLYMATH programs allow the user to apply effective numerical analysis techniques during interactive problem solving on personal computers. Results are presented graphically for easy understanding and for incorporation into papers and reports.

Improvements now include a new color-coded full-screen editor. Many displays have been optimized for user efficiency. Also provided with Polymath 6.0 is the new and UNIQUE capability to automatically export any POLYMATH problem to Excel with a single keypress, so problems can be solved completely in Polymath or exported to ExcelTM for solution. A POLYMATH ODE_Solver Add-In is included for solving ordinary differential equations in Excel. Automatic export to Excel includes all intrinsic functions and logical variables. Ordered equations can also be provided to assist with optional MatlabTM solutions of problems.