G.T.Enterprises
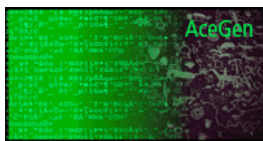*Open Space For Open Source*

WOLFRAM
COMPUTATION MEETS KNOWLEDGE

Wolfram Research is one of the world's most respected computer, web, and cloud software companies—as well as a powerhouse of scientific and technical innovation. Wolfram Mathematica—our ever-advancing core product that has become the ultimate application for computation, visualization, and development. With millions of dedicated users throughout the technical and educational communities

All Mathematica Applications
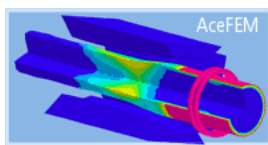
AceFEM	***AceFEM System 3.3 :-*** It is a general finite element system for ***Mathematica*** that effectively combines symbolic and numeric approaches. Includes a general finite element environment designed to solve multi-physics and multi-field problems, the powerful ***AceGen*** automatic code generation package for symbolic generation of new finite elements, and access to the finite element file sharing system.
AceGen	***AceGen 3.3 :-*** AceGen provides an optimal environment for designing and implementing numerical code. It is designed to approach especially hard problems, such as analytical sensitivity analysis of complex multi-field problems, where general strategies to efficiently formulate numerical procedures have not yet been established.
ANALOG**INSYDES**	***Analog Insydes***:- It is a Mathematica application package for modeling, analysis, and design of analog electronic circuits, tailored specifically for industrial applications. A unique feature of Analog Insydes is its capability to compute approximated symbolic formulas for circuit characteristics. Based on numerical reference information specified for the circuit parameters, Analog Insydes detects and discards insignificant terms in symbolic circuit equations or transfer functions automatically
atlas² for Mathematica® modern differential geometry	**Atlas 2 for Mathematica** is a powerful application for performing differential geometry calculations, from formulating and solving 2D and 3D problems to working with an n-dimensional manifold as a whole. Atlas 2 allows you to concentrate on the differential geometry problems and not on the programming. Atlas 2 uses standard differential geometry notations, which allow you to always get output as you expected.
BEST DB Editor Bright Database Links	**BEST DB Editor** is a multi-platform database editor designed to preserve data quality by avoiding common data entry mistakes while efficiently automating common data entry processes. BEST DB Editor can edit text, dates, and numbers as well as other data types (images, sound, graphics, expressions, etc.)
BEST Viewpoints Data Analysis Made Simple	**BEST Viewpoints** is a data mining application designed to be powerful and easy to use. Its graphical user interface enables users to create high-quality results in minutes by providing quick access to many Mathematica functions for data manipulation, analysis, and visualization.

	Experimental Data Analyst allows you to fit data to linear or arbitrary models. You can fit data to lines or curves when one or more of the data points may be "wild" and the least-squares technique cannot be used. For advanced problems, it's easy to customize the behavior of the fitting routines by selecting from numerous options. For less complex cases, you can simply rely on the defaults for quick, accurate solutions.
	Fuzzy Logic brings you an essential set of tools for creating, modifying, and visualizing fuzzy sets and fuzzy logic-based systems. Ideal for engineers, researchers, and educators, Fuzzy Logic provides practical examples that introduce you to basic concepts of fuzzy logic and demonstrate how to effectively apply the tools in the package to a wide variety of fuzzy system design tasks.
	GeometricaPlus by 3P lets users perform a wide range of geometrical operations and analysis using the list processing, symbolic programming, and functional programming facilities of the Wolfram. GeometricaPlus introduces interactivity in animated examples, access to libraries, and precise intersections.
	Geometry Expressions is the world's first interactive symbolic geometry system that presents the algebraic and diagrammatic representations of a model by easy constraint-based sketching. Define geometric figures with either symbolic constraints or numeric locations. Measurements on the drawing are presented numerically or symbolically as mathematical expressions.
	LensLab is a Mathematica application package for ray tracing, rendering, and analysis of simple and complex optical systems. Brought to you by the team that created Optica, LensLablets you define lenses, mirrors, prisms, cavities, ring cavities, Fresnel mirrors and lenses, lens doublets and triplets, pinholes, gratings, pipes, liquid-air interfaces, slits, optical fibers, lasers, amplifiers, beam splitters, screens, baffles, and paraxial components.
	LinkageDesigner is a Mathematica application package for virtual prototyping of linkages. It is designed to analyze, synthesize, and simulate linkages with serial chain, tree, and graph structures. Using the symbolic calculation capabilities of Mathematica, it supports fully parameterized linkage definition and analysis.
	MathCode *C++* compiles your Mathematica functions into highly efficient and readable C++ code. Mathematica with MathCode provides a platform for rapid development of production quality code for heavy simulations and other expensive computations.
	MathCode F90, you can generate optimized Fortran 90 code that can be compiled and connected seamlessly into Mathematica. MathCode F90 is excellent for users who want to generate optimized Fortran 90 code for efficient numerical calculations, letting them compile Mathematica programs to executables and connect them seamlessly into Mathematica.