Math

3D Surfaces 2.1

Graph mathematical equations
A great mathematical drawing program! This program takes equations in z=x+y form and graphs them as 3D surfaces. Enter the equation (or choose from a predefined list), set the viewing angle and other options, and watch the
program draw your graph. Customize the graph with colors.
* Print graphed functions
* Comes with a list of predefined functions
* Add common equations to pre-defined list
* Export graphed functions to QuickTime movies
(Application by Neil Hickox)
New Member Volume XXI-> Education

Algebra As A Second Language
Featured

Learn algebra
Master algebra with this impressive study aid. It provides a complete reference to all aspects of the subject. It's an invaluable aid to students starting or already studying algebra.
* Extensive examples
* Glossary of Formulae
* Clearly defined sections and links
(HyperCard Stack by Franklin A. Rodgers)
Education-> Volume 230/October '96
Latest & Greatest-> Volume 230/October '96

Area Properties 2.6

Calculate real world surfaces
This excellent tool calculates and measures properties, including cross-section, total surface, total perimeter, volume, weight, height and width. Load objects from PICT or PNT documents, or from the clipboard.
* Supports PICT images
* User configurable
* Adjustable scaling
(Application by William Weiss)

Education-> Volume 228/August '96
New Member Volume XXI-> Education

CalConvert v2.2

Convert numbers with this arithmetic calculations utility. Display your results in decimal, hexadecimal, binary, octal or ASCII characters. Calculate logical operations (such as addition and multiplication), logical operations (such as greater than or less than) and bitwise operations (such as "and" or "or").
Education-> Volume 222/February '96

CGraph v2.0

Calculate and graph functions and equations. Type in an equation and this program automatically converts it into graph form. Zoom in and out on the graphs, and copy and paste them into other documents. Use the Tracer tool to determine exact values of "x" and "y" at any point on the graph. You can graph up to five equations at a time.
Education-> Volume 222/February '96

ConversionCalculator 2.1

Figure it out
This is not just any calculator. It converts your information into seven units of measurements. Translates between picas, points, yards, millimeters, yards, inches and more. There are hundreds of potential combinations.
* Convert different measurements, including volume,
capacities and area
* Calculate compound interest
* Includes a stock profit/loss calculator
(Application by deMacInnovations)
Business-> Volume 232/December '96

Extended Calculator II

Figure a variety of functions with four different calculators. The Layman's Calculator is useful for regular arithmetic calculations. The Graphing Calculator graphs equations. The Scientific Calculator contains scientific constants and functions. Set the Programmable Calculator for advanced computations.

Business-> Volume 226/June '96
Education-> Volume 226/June '96
Latest & Greatest-> Volume 226/June '96

John's Calculator

This is a simple, powerful and fast calculator. Enter expressions using either the keyboard or calculator buttons. Expression and answers can be copied and pasted into other documents. There are many scientific and business operations available, including trigonometric and statistical functions. (Application)
Business-> Volume 227/July '96

Linear Regression Pro v2.2

Figure complex algebra computations with this comprehensive program. Calculate the slope, intercept, correlation coefficient and errors for a series of X, Y data. Input X and Y values into the table and click on the Calculate or Plot button. Calculate figures the slope, Y intercept and other values. Plot creates a
graph of all points with an intersecting line defined by the solution.
Education-> Volume 227/July '96

athPad v2.4

This scientific calculator features a scratch pad-style interface.
Enter your figures in a text window to evaluate and graph equations and calculations. Modify your equations as you work. The calculator is fully programmable. There are many example programs to get you started.
Education-> Volume 227/July '96

QuickTTest 1.1

Calculate t-tests
Many people use t-tests to assess the significance of differences, like Price/Earnings (P/E) ratios. Calculate the t-values from already known mean   SEM or mean   SD values.
* Maintain a running total of mean, SEM, SD and number values as you enter data
* Print data values and results
(Application by Dr. Steve Ashcroft)

Business-> Volume 229/September '96
Education-> Volume 229/September '96

Quilts 3.1

Math program
Investigate base arithmetic and the divisibility of natural numbers in this advanced
mathematical program. It uses squares of different colors (like a quilt) to show
relationships between numbers.
* Choose polar or rectangular quilts
* Includes a testing module
* Choose your number base
* Automatically calculate results
(Application by Thomas C. Bretl)
Education-> Volume 230/October '96

SuperGraph 1.1.1

Graph implicit and explicit functions
This is an excellent program for studying economics trends. SuperGraph makes it easy
to graph implicit expressions, ones that cannot be easily solved for X or Y.
* Supports balloon help
* Edit X, Y values
(Application by Mike Epstein)
Business-> Volume 229/September '96
Education-> Volume 229/September '96

SuperGraph 1.51

Charting system
Graph mathematical functions that cannot be easily solved for X or Y. Choose your
graphing method, including implicit curves, contour mapping and simple functions.
Great for economical analysis.
* Advanced mathematics
* Supports balloon help
* Zoom in and out
(Application by Mike Epstein)
Business-> Volume 232/December '96
Education-> Volume 232/December '96

Tim's Calculator v1.0.1

Upgrade your Apple calculator! Features include hexadecimal, decimal and binary conversion. Comes complete with memory keys. Includes a scrolling "tape" display you can print.
Children's-> Volume 224/April '96

TimGA v1.0.1

Learn genetic algorithms with this advanced graphing program. It creates new graphs or works with existing ones. The program minimizes edge crossings on the graph by using a genetic algorithm. Linear normalizations and recombinations are used to manipulate the points on the graph. Great for anyone interested in advanced mathematical concepts.
Education-> Volume 227/July '96

xFunctions 2.3

Math tutorial
Learn mathematical functions with this fun game. Work with formulas, split functions, graphs and tables. Choose from seven utility operations, including graphing on the same axes, animation and more.
* Save files with utility examples
* Sample files included
* Zoom feature
(Application by David Eck)
Education-> Volume 232/December '96
Latest & Greatest-> Volume 232/December '96