AminetPart

COLLABORATORS

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WRITTEN BY		August 7, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

AminetPart

1.1 Mathematics

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3DPlot.lha          misc/math  114K 398*Plot 3D functions of the form Z=F(X,Y). V2 ←
   .0
4calcV11.lha        misc/math   10K 222*4Calc v1.1 -- a nifty little calculator
abacus.lha          misc/math   18K   8 Calculator for coders and programmers
ACalc_131.lha       misc/math   21K 236*a calculator as a commodity
Acechan.lha         misc/math   11K 168*Makes random spread data??? Pascal source ←
   included
acechan_101.lha     misc/math   10K 175*Makes random spread data. Pascal source ←
   included.
ADAM.lha            misc/math   45K 222*Calculates to 1000's of decimal places
amatrix.lha         misc/math  274K 162*Amatrix V2.7/2.7e (complex matrix tool)
AMPlotDemo.lzh      misc/math  183K 310*publication quality graph plotting
analay10.lha        misc/math  364K 200*Analysis-Program with integrated DTP-Mode
Analay111.lha       misc/math  415K 177*Analysis program with integrated DTP-Mode
Analay112Patch.lha  misc/math   89K 131*Analysis program with integrated DTP-Mode
arcalc.lha          misc/math  142K 316*Scientific Calculator for Amiga OS 2.0 or ←
   higer
arcalcv2.lha        misc/math  126K 170*Complete scientific calculator V2.0
ASimplex.lha        misc/math   67K 468*Solve linear eqns with Simplex algorithm. ←
   V1.5
aYaSieve.lha        misc/math   19K  41*Sieve of Eratosthenes prime test Ver 2.01
BigCalc.lha         misc/math   11K 249*A pseudo-arbitrary-precision calculator
binconv.lha         misc/math    3K 118*Module: converts DEC/HEX>BIN; source
Bitmania.lha        misc/math   58K 182*Numbers & Codes related program.
Calc.lha            misc/math   62K 222*An RPN calculator with a stack window
calc.lha            misc/math    8K 127*Simple shell calculator  -  V1.0
calc999g1.lha       misc/math    9K  71*Conv. to/fro base 2-36. hex,oct,bin&c
calcdeluxe112.lha   misc/math   24K 196*Scientific Calculator, v1.12
calcdeluxe200.lha   misc/math   29K 164*A new *best* sfi. calculator, with graphics ←
   . Give
CalcE_Pi_src.lha    misc/math    8K 105*C sources for calculating Pi & E
Calci.lha           misc/math   18K 292*little calculator for coders.
CalcKey.lha         misc/math   16K 474*4 function, resident, popup calculator. V1 ←
   .0
```

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calcprimes11.lha    misc/math    21K  67*VERY FAST prime computer
calcprimes15.lha    misc/math    26K  64*Very fast prime computer
CalcRPN1.lha        misc/math    14K 287*RPN Programmers Calculator v37.2, displays ←
    all bas
ci.lha              misc/math    11K  74*Desktop calculator for complex numbers
ci.lha              misc/math    13K  62*Desktop calculator for complex numbers
Comgraph.lha        misc/math    87K 240*Function plotter, hi print quality
ComplexPlot.lha     misc/math    76K 274*Allows plotting of complex funcs. V1.0
convcalc.lha        misc/math    27K 122*MUI calc with unit conversion
convertor.lha       misc/math   214K  65*The Ultimate Unit Converter. V1.5
convertor.lha       misc/math   210K  69*The Ultimate Unit Converter. V1.4b
convertor.lha       misc/math   131K   2 Powerful UnitConverter. V2.77
convertor.lha       misc/math    86K  18*Powerful UnitConverter. V2.74
convertor.lha       misc/math    86K  16*Powerful UnitConverter. V2.75
convertor.lha       misc/math    59K  27*Powerful UnitConverter (re-upload)
CPlot.lha           misc/math   281K 410*Graph linear functions in two dimensions. ←
    V1.0
Cube.lzh            misc/math    86K 310*animated Rubik's Cube solver
DataPlot.lha        misc/math    11K 348*Function 'plotter' that uses MultiPlot. V1 ←
    .00
Debt.lha            misc/math    13K 310*Calculator that can deal with large #'s
DezHexBin.lha       misc/math    15K 444*Convert numbers between dec/hex/binary. V1 ←
    .1
DPFFT.lha           misc/math    50K 421*Plot FFT of data. V2.2
DPlot.lha           misc/math    85K 455*Simple experimental data display program. ←
    V2.0
DQua.lha            misc/math    13K 195*1.2 Simple quadratic solver.
drafu102.lha        misc/math    97K 131*Function plotter (ECS/AGA, OS2+)
drafu105.lha        misc/math   111K 106*Function plotter (ECS/AGA, OS2+)
eCalc.lha           misc/math     6K 153*Program to calculate e (2.71828...). V2.5
eCalc26.lha         misc/math     5K 152*Calculates e (2.71828...)
EGraph.lha          misc/math    41K 598*Draw formatted graph from X-Y values.
EqEd.lha            misc/math   396K 150*MUI-based Equation Editor v0.96-Beta
EqEd.lha            misc/math   292K 172*MUI-based Equation Editor v0.95-Beta
EqEd.lha            misc/math   397K 114*MUI-based Equation Editor v0.97-Beta
Evaluate1_0.lha     misc/math    17K 191*Replacement for Eval prog!
ExCalc1_1.lha       misc/math   195K 161*GUI 52-digit calculator with equations.
ExCalc1_2.lha       misc/math   215K 147*GUI 52-digit calculator with equations.
Factor.lha          misc/math    20K  85*Shows factors of a number - Optional GUI!
Factors_src.lha     misc/math     9K 105*Factorize numbers.
Factors_src.lha     misc/math    10K  89*Factorize numbers.
FalconMath.lha      misc/math    45K 206*MUI based algebra manipulation package
FalconMath10.lha    misc/math    57K 166*MUI based algebra manipulation package
FastPlot.lha        misc/math    90K 167*A Modula-2 callable plot library. V1.00
fastprim.lha        misc/math     5K 127*Computes prime numbers fast - V1.3
FFT.lha             misc/math    35K 472*Optimized Fast Fourier Transform tools.
fibo.lha            misc/math     9K  31*FAST calculation of Fibonacci Function.
Fibonacci.lha       misc/math     6K  18*A simple CLI program to calculate Fibonacci ←
    's numb
Formulae.lha        misc/math     5K 447*Basic propositional formulae in Scheme.
fourier.lha         misc/math    69K  19*Calculates and shows fourier series
fourier.lha         misc/math    68K  34*Calculates and shows fourier series (german ←
    versio
funky44.lha         misc/math   103K 227*Math. Function Plotter
Funky52d.lha        misc/math   299K 139*German mathematics program
Funky52e.lha        misc/math   273K 139*Math-Program, english version
Funky53d.lha        misc/math   302K 116*Math-program, German Version
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Funky53e.lha          misc/math    276K 116*Math-program, English Version
gearcalc.lha          misc/math     42K 332*A bicycle gear ratio calculator. v2.2
Geometry121.lha       misc/math     42K  42*Geometrical calculations (minor update, Nov ←
   97)
Geometry_12.lha       misc/math     41K  74*Geometrical calculations (update)
Geometry_131.lha      misc/math     49K  29*Geometrical calculations (bug in v1.30  ←
   fixed)
Geometry_132.lha      misc/math     55K  22*Geometrical calculations (update)
Geometry_14.lha       misc/math     66K  16*Geometrical calculations v1.4 (update)
gpamiga_1_38_3.lha    misc/math    1.1M 169*Linear algebra and number theory. Bin.
graph2d.lha           misc/math    133K 194*Plots and analyzes math. functions, V1.50
graph2d.lha           misc/math    207K 144*Plots and analyzes functions, V3.20
graph2d310.lha        misc/math    201K 153*Plots and analyzes functions, V3.10
graph2d_fr.lha        misc/math     31K 128*French translation for Graph2D 3.20
graphdq.lha           misc/math     47K 233*Graph 2-dimensional differential equations! ←
   :)
GraphIt.lha           misc/math     38K 574*Plot functions in 2 or 3 dimensions.
GraphX.lha            misc/math     72K  37*GERMAN Math program V2.5 FREEWARE
HexCalc.lha           misc/math     10K 595*A nice little hex/oct/dec/bin calculator
HP11.lha              misc/math     76K 459*Emulates HP11C programmable calculator. V1 ←
   .1
Hp_10c.lha            misc/math     28K 567*Emulation of HP-10C calculator.
icalc21a.lha          misc/math     87K 316*powerful scientific calculator/language ( ←
   bug fix)
ICalcScripts.lha      misc/math      1K 143*Some handy functions for ICalc 2.1
IntCalc_1_11.lha      misc/math     58K 290*Four-Base-Multi-Screen-Integer-Calculator
Integral_0a.lha       misc/math     63K 186*A library for Global Adaptive Integration  ←
   v1.0a
IntuiCalcMUI11.lha    misc/math     18K 241*A simple Workbench calculator, needs MUI
jomboo.lha            misc/math      7K  55*Hex/Dec/Bin/Oct/other converter. GUI, PL  ←
   guide.
KillPrime_1_0.lha     misc/math     10K 105*Rip factors from an arbitrary big number.  ←
   V1.0
KillPrime_1_02.lha    misc/math     11K  82*Rip factors from a big number. V1.02
KPro.lha              misc/math     45K 150*Map images onto spheres
Kurve.lha             misc/math     80K 318*Function plotting tool
LAnt10.lha            misc/math      6K  36*Langton's Ant
Lapl020.lha           misc/math    229K  31*V0.10 symbolic algebra program
Lapl020.lha           misc/math    277K  21*V0.12 symbolic algebra program - 020  ←
   binaries
Lapl020fp.lha         misc/math    272K  21*V0.12 symbolic algebra program - 020+FPU  ←
   binaries
Lapl020fp.lha         misc/math    225K  31*V0.10 symbolic algebra program
Lapl040.lha           misc/math    273K  21*V0.12 symbolic algebra program - 040  ←
   binaries
Laplac020.lha         misc/math    248K  27*V0.11 symbolic algebra program
Laplace.lha           misc/math    177K 125*V0.3 symbolic algebra program
Laplace.lha           misc/math    692K  70*V0.8.2 symbolic algebra program
Laplace.lha           misc/math    617K  98*V0.7 symbolic algebra program
Laplace000.lha        misc/math    254K  27*V0.11 symbolic algebra program
Laplace000.lha        misc/math    235K  31*V0.10 symbolic algebra program
Laplace000.lha        misc/math    285K  21*V0.12 symbolic algebra program - 000  ←
   binaries
LaplaceBase.lha       misc/math    558K  21*V0.12 symbolic algebra program - base  ←
   archive
LaplaceBase.lha       misc/math    441K  31*V0.10 symbolic algebra program
LaplaceBase.lha       misc/math    538K  27*V0.11 symbolic algebra program
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LaplaceMsg.txt      misc/math     2K  22*Read it before you register to Laplace
Laplacfp.lha        misc/math   244K  27*V0.11 symbolic algebra program
lensrexx10.lha      misc/math     8K 210*Calculates depths of field for photographic ←
    lenses
ListPlot.lha        misc/math    90K 410*A 2D plotting program using PLPLOT lib.
Lucas.lha           misc/math    83K  22*Lucas-Lehmer primality test. 68k+PPC.
Makers.lha          misc/math   520K 181*Bio sketches of famous mathematicians
makers.lzh          misc/math   539K 221*Biographies of some famous mathematicians
Mandelbrot.lha      misc/math    31K 155*Search around in Mandelbrot & Julia ←
    fractals...
MathadorV1_1.lha    misc/math   201K  62*Scientific Calculator V1.1
mathan.lha          misc/math   137K  95*Mathematical software of general purpose.
mathan.lha          misc/math   158K  57*Math tool for enginers or students.
MathFX.lha          misc/math   289K 150*Math Function, Data and expression solving ←
    system.
MathMission.lha     misc/math   155K  58*MathMission V1.5, german math-program
MathPaint.lha       misc/math    54K 220*Formeleditor
mathplot.lha        misc/math   128K 191*A 2D function plotter for OS 2.04 and ←
    higher, V2.1
mathplot213.lha     misc/math   128K 214*A 2D function plotter for OS 2.04 and ←
    higher, V2.1
mathscript.lha      misc/math   155K 196*Formula editor V1.0
MathScript21.lha    misc/math   253K 170*Mathematical Formula Editor. V2.1
MathScript30.lha    misc/math   400K 100*WYSIWYG Equation Editor V3.0 (MUI)
MathScript32.lha    misc/math   411K  73*WYSIWYG Equation Editor V3.2 (MUI)
MathScrpt_Fra.lha   misc/math    22K  94*French catalogs for MathScript 3.0
mathX100.lha        misc/math   263K  94*Math program (ex Graph2D) V1.00, MUI
mathX111.lha        misc/math   282K  81*Math program, V1.11, MUI
mathx121b.lha       misc/math   284K  22*Math program, V1.21 beta, MUI
mathx131b.lha       misc/math   345K  11*Math program V1.31b, MUI
Matlab.lha          misc/math   411K 378*Fortran matrix processing package
MatLabPatch.lha     misc/math    68K 289*Patches for Matlab & Diglib on disk 499
matrices100.lha     misc/math    41K 148*Does simple matrix operations (GUI)
Matrix.lha          misc/math    11K  18*A small cli program which solves matrixes. ←
    solv
Matrix.lha          misc/math    22K  17*A small cli program which solves matrixes. ←
    solv
MATRIX26.lha        misc/math   153K 183*Mathematrix V2.6 (complex matrix tool)
MCalc14.lha         misc/math    75K 211*Powerful calculator - Needs MUI
MCalc17.lha         misc/math   100K 143*Powerful calculator - Needs MUI
mdlgraph1_0.lha     misc/math    43K  13*A simple parametric grapher
MiraPLOT10.lha      misc/math    25K  35*Plot 3D parametric surfaces, very fast
MiraPL_Deu.lha      misc/math     1K  34*German catalog for MiraPLOT D.Neubauer
MiraPL_Sve.lha      misc/math     1K  34*Svenska catalog for MiraPLOT Johan Thell
MortCalc.lha        misc/math    57K 411*Highly accurate loan calculator. V2.5
msextras.lha        misc/math   113K  65*Mathscript3 Enhancement Utilities
msextras.lha        misc/math   104K  81*Mathscript3 Enhancement Utilities
MS_Francais.lha     misc/math    24K  72*French catalogs for MathScript 3.2
MultiCalc.lha       misc/math    26K 510*Hi precision RPN style calculator w/GUI.
MyPrimes.lha        misc/math    13K 106*Yet another prime number generator
newtn.lha           misc/math    29K  41*Math program in Italian language.
Newton.lha          misc/math    16K 510*Compute roots of a polynomial. V1.0
NLCalc.lha          misc/math    45K 378*New Look calculator (open on any screen). ←
    V3.1.2
number.lha          misc/math    28K  23*Convert Arabic numerals to many languages, ←
    even mo
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number.lha            misc/math    27K   49*Convert Arabic numerals to many languages,  ←
    bugfixe
number.lha            misc/math    28K   84*Convert Arabic numerals to many languages
Numy_I.lha            misc/math     7K  177*Interesting mathematic problem. Nice GUI
odyssey.lha           misc/math    97K  170*Curve fitting and data manipulation.
pari_1_38_3.lha       misc/math   688K  169*Linear algebra and number theory. Src.
pfactor.lha           misc/math    18K  339*Prime factor computing
picalc26.lha          misc/math     6K  153*Program to calculate pi (3.14159...)
Plot.lha              misc/math    30K  410*3-D function plotting program. V5.1
PlotData2D.lha        misc/math    95K  456*Plot data on custom user defined screen. V1 ←
    .0
PlotLib.lha           misc/math   336K  341*Function plotter library
Plotter.lha           misc/math    81K  350*A program to plot math functions
Plplot.lha            misc/math   314K  441*Library of scientific plotting functions.  ←
    V2.6
PolyLab20_0.lha       misc/math   339K  155*GPIB-Data acquisition & graphic.analysis
PolyRoot.lha          misc/math    17K  510*Polynomial root finder using Newtonian. V2 ←
    .00
postfix.lha           misc/math    12K   22*Postfix Expression Calculator
PowerCalc.lha         misc/math    32K  219*Workbench realtime 3D/2D graphing calc for  ←
    OS 2.04
Priem.lha             misc/math     5K  120*Fast priem number detection
Prim.lha              misc/math     9K  118*Fast prime number detection (german)
prime.lha             misc/math     1K  141*Berechnung von Primzahlen
prime.lha             misc/math     9K   37*Calculation of primenumbers, V6.2
prime_2.lha           misc/math     5K  127*Calculation of primnumbers, version 2
PSGraph.lha           misc/math    50K  370*Graphing program . V1.0
QuickConv.lha         misc/math    28K   64*BIN/HEX/DEC Converter+Bit Op. for  ←
    programmers
ReadWorkSheet.lha     misc/math     8K  115*Read/execute non-Amiga Maple worksheets
ReadWorkSheet.lha     misc/math    10K   26*V2.1, Read/execute non-Amiga MapleV  ←
    worksheets
ReadWorkSheet.lha     misc/math    10K   11*V2.2, Read/execute non-Amiga MapleV  ←
    worksheets
rlab.lha              misc/math   1.2M  111*Numerical matrix language,UNIX port,v1.26
Roses.lha             misc/math    22K  437*Plots parametric sine roses. V1.0
RPN.lha               misc/math    45K  367*Emulates an HP pocket computer. V1.00
rpn_calc.lha          misc/math    12K   85*A sort of RPN-calculator written in Basic.
RPSC.lha              misc/math    43K  468*Programmable RPN scientific calculator. V1 ←
    .1
Schoonschip.lha       misc/math   430K  354*Algebraic manipulation program. V91.10.5
scilab_bin.lha        misc/math   2.3M  106*A numeric math tool simular to Matlab/ ←
    Simulink
scilab_doc.lha        misc/math   1.5M  106*A numeric math tool simular to Matlab/ ←
    Simulink
scilab_ext.lha        misc/math   1.1M  106*A numeric math tool simular to Matlab/ ←
    Simulink
SieveTNG.lha          misc/math     3K   60*FASTEST Sieve of Eratosthenes Prime Test
sillycalcv1.lha       misc/math     5K  126*Very tiny CLI calculator v1.0. Has memory  ←
    and prog
simequ.lha            misc/math    13K  148*Solves simultaneous equations.
sinemaker.lha         misc/math    42K   86*Makes binary sine tables, MUI
solve.lha             misc/math    13K  316*a simple program to solve equations of 4th ←
    degree
surfaceplot.lha       misc/math    36K  329*Math tool for plotting 3D surfaces
TelekomRechn.lha      misc/math     5K    5 Deutsche Telekom rechnung f r WG s V1.63 ←
    mit Turbo
```

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threedplot_2_0.lha misc/math   50K 400*Allows plotting of z=f(x,y)
TimeCalc15a.lha    misc/math    3K  98*Add together a list of times
topograph.lha      misc/math   48K 136*Mathematical function browser. V1.1
UnitConv.lha       misc/math   80K 123*Scientific unit converter WB2.0+ GERMAN
ValCalc.lha        misc/math  106K 134*Calculator for Amiga OS 2.0+
VintEval.lha       misc/math   11K  89*Postfix evaluator for large naturals,  ←
   version 2
VintEval.lha       misc/math   11K  93*Postfix evaluator for large naturals
Xnum.lha           misc/math    5K 412*Convert dec/bin/oct/hex numbers.
YaSieve.lha        misc/math    4K  64*Fastest Sieve of Eratosthenes prime test
YaYaSieSrc.lha     misc/math    4K  60*Fast Sieve of Eratosthenes Prime Test
YaYaSieve.lha      misc/math    3K  61*Fastest Sieve of Eratosthenes prime test
ZPlot.lha          misc/math  219K 410*Graph formulas based on 4D complex nbrs. V1 ←
   .3d
```