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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File                Dir         Size Age Description
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3DPlot.lha          misc/math   114K 423*Plot 3D functions of the form Z=F(X,Y). V2 ←
   .0
4calcV11.lha        misc/math    10K 248*4Calc v1.1 -- a nifty little calculator
abacus.lha          misc/math    18K  34*Calculator for coders and programmers
ACalc_131.lha       misc/math    21K 262*a calculator as a commodity
Acechan.lha         misc/math    11K 193*Makes random spread data??? Pascal source  ←
   included
acechan_101.lha     misc/math    10K 200*Makes random spread data. Pascal source  ←
   included.
ADAM.lha            misc/math    45K 248*Calculates to 1000's of decimal places
amatrix.lha         misc/math   274K 188*Amatrix V2.7/2.7e (complex matrix tool)
AMPlotDemo.lzh      misc/math   183K 335*publication quality graph plotting
analay10.lha        misc/math   364K 225*Analysis-Program with integrated DTP-Mode
Analay111.lha       misc/math   415K 203*Analysis program with integrated DTP-Mode
Analay112Patch.lha  misc/math    89K 157*Analysis program with integrated DTP-Mode
arcalc.lha          misc/math   142K 341*Scientific Calculator for Amiga OS 2.0 or  ←
   higer
arcalcv2.lha        misc/math   126K 196*Complete scientific calculator V2.0
ASimplex.lha        misc/math    67K 493*Solve linear eqns with Simplex algorithm.  ←
   V1.5
aYaSieve.lha        misc/math    19K  67*Sieve of Eratosthenes prime test Ver 2.01
BigCalc.lha         misc/math    11K 274*A pseudo-arbitrary-precision calculator
binconv.lha         misc/math     3K 143*Module: converts DEC/HEX>BIN; source
Bitmania.lha        misc/math    58K 207*Numbers & Codes related program.
Calc.lha            misc/math    62K 248*An RPN calculator with a stack window
calc.lha            misc/math     8K 152*Simple shell calculator  -  V1.0
calc999g1.lha       misc/math     9K  97*Conv. to/fro base 2-36. hex,oct,bin&c
calcdeluxe112.lha   misc/math    24K 222*Scientific Calculator, v1.12
calcdeluxe200.lha   misc/math    29K 190*A new *best* sfi. calculator, with graphics ←
   . Give
CalcE_Pi_src.lha    misc/math     8K 130*C sources for calculating Pi & E
Calci.lha           misc/math    18K 318*little calculator for coders.
CalcKey.lha         misc/math    16K 499*4 function, resident, popup calculator. V1 ←
   .0
```

```
calcprimes11.lha    misc/math    21K  92*VERY FAST prime computer
calcprimes15.lha    misc/math    26K  89*Very fast prime computer
CalcRPN1.lha        misc/math    14K 313*RPN Programmers Calculator v37.2, displays ←
    all bas
ci.lha              misc/math    11K  99*Desktop calculator for complex numbers
ci.lha              misc/math    13K  87*Desktop calculator for complex numbers
Comgraph.lha        misc/math    87K 266*Function plotter, hi print quality
ComplexPlot.lha     misc/math    76K 300*Allows plotting of complex funcs. V1.0
convcalc.lha        misc/math    27K 147*MUI calc with unit conversion
convertor.lha       misc/math   210K  94*The Ultimate Unit Converter. V1.4b
convertor.lha       misc/math   214K  90*The Ultimate Unit Converter. V1.5
convertor.lha       misc/math   133K  24*Powerful UnitConverter. V2.78
convertor.lha       misc/math   144K  18*Powerful UnitConverter. V2.78
CPlot.lha           misc/math   281K 435*Graph linear functions in two dimensions. ←
    V1.0
Cube.lzh            misc/math    86K 335*animated Rubik's Cube solver
DataPlot.lha        misc/math    11K 373*Function 'plotter' that uses MultiPlot. V1 ←
    .00
Debt.lha            misc/math    13K 335*Calculator that can deal with large #'s
DezHexBin.lha       misc/math    15K 470*Convert numbers between dec/hex/binary. V1 ←
    .1
DPFFT.lha           misc/math    50K 446*Plot FFT of data. V2.2
DPlot.lha           misc/math    85K 481*Simple experimental data display program. ←
    V2.0
DQua.lha            misc/math    13K 220*1.2 Simple quadratic solver.
drafu102.lha        misc/math    97K 157*Function plotter (ECS/AGA, OS2+)
drafu105.lha        misc/math   111K 131*Function plotter (ECS/AGA, OS2+)
eCalc.lha           misc/math     6K 178*Program to calculate e (2.71828...). V2.5
eCalc26.lha         misc/math     5K 177*Calculates e (2.71828...)
EGraph.lha          misc/math    41K 624*Draw formatted graph from X-Y values.
EqEd.lha            misc/math   292K 197*MUI-based Equation Editor v0.95-Beta
EqEd.lha            misc/math   396K 176*MUI-based Equation Editor v0.96-Beta
EqEd.lha            misc/math   397K 140*MUI-based Equation Editor v0.97-Beta
Evaluate1_0.lha     misc/math    17K 217*Replacement for Eval prog!
ExCalc1_1.lha       misc/math   195K 186*GUI 52-digit calculator with equations.
ExCalc1_2.lha       misc/math   215K 173*GUI 52-digit calculator with equations.
Factor.lha          misc/math    20K 110*Shows factors of a number - Optional GUI!
Factors_src.lha     misc/math     9K 131*Factorize numbers.
Factors_src.lha     misc/math    10K 115*Factorize numbers.
FalconMath.lha      misc/math    45K 232*MUI based algebra manipulation package
FalconMath10.lha    misc/math    57K 192*MUI based algebra manipulation package
FastPlot.lha        misc/math    90K 193*A Modula-2 callable plot library. V1.00
fastprim.lha        misc/math     5K 152*Computes prime numbers fast - V1.3
FFT.lha             misc/math    35K 497*Optimized Fast Fourier Transform tools.
fibo.lha            misc/math     9K  56*FAST calculation of Fibonacci Function.
Fibonacci.lha       misc/math     6K  44*A simple CLI program to calculate Fibonacci ←
    's numb
Formulae.lha        misc/math     5K 473*Basic propositional formulae in Scheme.
fourier.lha         misc/math    68K  59*Calculates and shows fourier series (german ←
    versio
fourier.lha         misc/math    69K  45*Calculates and shows fourier series
funky44.lha         misc/math   103K 253*Math. Function Plotter
Funky52d.lha        misc/math   299K 165*German mathematics program
Funky52e.lha        misc/math   273K 165*Math-Program, english version
Funky53d.lha        misc/math   302K 142*Math-program, German Version
Funky53e.lha        misc/math   276K 142*Math-program, English Version
gearcalc.lha        misc/math    42K 357*A bicycle gear ratio calculator. v2.2
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Geometry121.lha     misc/math    42K  68*Geometrical calculations (minor update, Nov ←
   97)
Geometry_12.lha     misc/math    41K  99*Geometrical calculations (update)
Geometry_15.lha     misc/math   105K  24*Geometrical calculations v1.5 (update)
gpamiga_1_38_3.lha  misc/math   1.1M 195*Linear algebra and number theory. Bin.
graph2d.lha         misc/math   133K 220*Plots and analyzes math. functions, V1.50
graph2d.lha         misc/math   207K 169*Plots and analyzes functions, V3.20
graph2d310.lha      misc/math   201K 179*Plots and analyzes functions, V3.10
graph2d_fr.lha      misc/math    31K 153*French translation for Graph2D 3.20
graphdq.lha         misc/math    47K 258*Graph 2-dimensional differential equations! ←
   :)
GraphIt.lha         misc/math    38K 600*Plot functions in 2 or 3 dimensions.
GraphX.lha          misc/math    72K  63*GERMAN Math program V2.5 FREEWARE
HexCalc.lha         misc/math    10K 620*A nice little hex/oct/dec/bin calculator
highprecision.lha   misc/math    17K  25*Computes Floating Point numbers to any ←
   Precision
HP11.lha            misc/math    76K 485*Emulates HP11C programmable calculator. V1 ←
   .1
HP11.lha            misc/math    94K  20*V1.2 Emulates HP11C programmable calc
Hp_10c.lha          misc/math    28K 593*Emulation of HP-10C calculator.
icalc21a.lha        misc/math    87K 341*powerful scientific calculator/language ( ←
   bug fix)
ICalcScripts.lha    misc/math     1K 168*Some handy functions for ICalc 2.1
IntCalc_1_11.lha    misc/math    58K 316*Four-Base-Multi-Screen-Integer-Calculator
Integra1_0a.lha     misc/math    63K 212*A library for Global Adaptive Integration ←
   v1.0a
IntuiCalcMUI11.lha  misc/math    18K 267*A simple Workbench calculator, needs MUI
jomboo.lha          misc/math     7K  81*Hex/Dec/Bin/Oct/other converter. GUI, PL ←
   guide.
KillPrime_1_0.lha   misc/math    10K 131*Rip factors from an arbitrary big number. ←
   V1.0
KillPrime_1_02.lha  misc/math    11K 107*Rip factors from a big number. V1.02
KPro.lha            misc/math    45K 175*Map images onto spheres
Kurve.lha           misc/math    80K 343*Function plotting tool
LAnt10.lha          misc/math     6K  62*Langton's Ant
Lapl020.lha         misc/math   229K  56*V0.10 symbolic algebra program
Lapl020fp.lha       misc/math   225K  56*V0.10 symbolic algebra program
Laplace.lha         misc/math   177K 150*V0.3 symbolic algebra program
Laplace.lha         misc/math   617K 124*V0.7 symbolic algebra program
Laplace.lha         misc/math   692K  95*V0.8.2 symbolic algebra program
Laplace000.lha      misc/math   235K  56*V0.10 symbolic algebra program
Laplace000.lha      misc/math   285K  46*V0.12 symbolic algebra program - 000 ←
   binaries
Laplace000.lha      misc/math   494K  21*V0.13 symbolic algebra program - 000 ←
   binaries
Laplace020.lha      misc/math   277K  46*V0.12 symbolic algebra program - 020 ←
   binaries
Laplace020.lha      misc/math   482K  21*V0.13 symbolic algebra program - 020 ←
   binaries
Laplace020fp.lha    misc/math   272K  46*V0.12 symbolic algebra program - 020+FPU ←
   binaries
Laplace020fp.lha    misc/math   472K  21*V0.13 symbolic algebra program - 020+FPU ←
   binaries
Laplace040.lha      misc/math   273K  46*V0.12 symbolic algebra program - 040 ←
   binaries
Laplace040.lha      misc/math   474K  21*V0.13 symbolic algebra program - 040 ←
   binaries
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LaplaceBase.lha      misc/math   441K  56*V0.10 symbolic algebra program
LaplaceBase.lha      misc/math   558K  46*V0.12 symbolic algebra program - base  ←
    archive
LaplaceBase.lha      misc/math   665K  21*V0.13 symbolic algebra program - base  ←
    archive
LaplaceMsg.txt       misc/math     2K  47*Read it before you register to Laplace
lensrexx10.lha       misc/math     8K 236*Calculates depths of field for photographic ←
    lenses
ListPlot.lha         misc/math    90K 435*A 2D plotting program using PLPLOT lib.
Lucas.lha            misc/math    83K  47*Lucas-Lehmer primality test. 68k+PPC.
Lucas.lha            misc/math    99K  20*Lucas-Lehmer primality test. 68k+PPC.
Makers.lha           misc/math   520K 206*Bio sketches of famous mathematicians
makers.lzh           misc/math   539K 247*Biographies of some famous mathematicians
Mandelbrot.lha       misc/math    31K 181*Search around in Mandelbrot & Julia  ←
    fractals...
MathadorV1_1.lha     misc/math   201K  88*Scientific Calculator V1.1
mathan.lha           misc/math   137K 121*Mathematical software of general purpose.
mathan.lha           misc/math   158K  83*Math tool for enginers or students.
MathFX.lha           misc/math   289K 176*Math Function, Data and expression solving  ←
    system.
MathFX_src.lha       misc/math   149K   7 Advanced Charting, Analysis and Plotting  ←
    library
MathMission.lha      misc/math   155K  84*MathMission V1.5, german math-program
MathPaint.lha        misc/math    54K 246*Formeleditor
mathplot.lha         misc/math   128K 217*A 2D function plotter for OS 2.04 and  ←
    higher, V2.1
mathplot213.lha      misc/math   128K 240*A 2D function plotter for OS 2.04 and  ←
    higher, V2.1
mathscript.lha       misc/math   155K 222*Formula editor V1.0
MathScript21.lha     misc/math   253K 195*Mathematical Formula Editor. V2.1
MathScript30.lha     misc/math   400K 125*WYSIWYG Equation Editor V3.0 (MUI)
MathScript32.lha     misc/math   411K  99*WYSIWYG Equation Editor V3.2 (MUI)
MathScrpt_Fra.lha    misc/math    22K 119*French catalogs for MathScript 3.0
mathX100.lha         misc/math   263K 120*Math program (ex Graph2D) V1.00, MUI
mathX111.lha         misc/math   282K 107*Math program, V1.11, MUI
mathx131b.lha        misc/math   345K  36*Math program V1.31b, MUI
Matlab.lha           misc/math   411K 404*Fortran matrix processing package
MatLabPatch.lha      misc/math    68K 315*Patches for Matlab & Diglib on disk 499
matrices100.lha      misc/math    41K 173*Does simple matrix operations (GUI)
Matrix.lha           misc/math    22K  42*A small cli program which solves matrixes.  ←
    solv
MATRIX26.lha         misc/math   153K 209*Mathematrix V2.6 (complex matrix tool)
MCalc14.lha          misc/math    75K 236*Powerful calculator - Needs MUI
MCalc17.lha          misc/math   100K 168*Powerful calculator - Needs MUI
mdlgraph1.0.lha      misc/math    43K  39*A simple parametric grapher
mdlgraph1.1.lha      misc/math    93K  19*A simple parametric grapher
MiraPLOT10.lha       misc/math    25K  60*Plot 3D parametric surfaces, very fast
MiraPL_Deu.lha       misc/math     1K  60*German catalog for MiraPLOT D.Neubauer
MiraPL_Sve.lha       misc/math     1K  60*Svenska catalog for MiraPLOT Johan Thell
MortCalc.lha         misc/math    57K 436*Highly accurate loan calculator. V2.5
msextras.lha         misc/math   104K 106*Mathscript3 Enhancement Utilities
msextras.lha         misc/math   113K  90*Mathscript3 Enhancement Utilities
MS_Francais.lha      misc/math    24K  97*French catalogs for MathScript 3.2
MultiCalc.lha        misc/math    26K 536*Hi precision RPN style calculator w/GUI.
MyPrimes.lha         misc/math    13K 131*Yet another prime number generator
newtn.lha            misc/math    29K  66*Math program in Italian language.
Newton.lha           misc/math    16K 536*Compute roots of a polynomial. V1.0
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NLCalc.lha          misc/math   45K 404*New Look calculator (open on any screen).  ←
    V3.1.2
number.lha          misc/math   28K 109*Convert Arabic numerals to many languages
number.lha          misc/math   27K  74*Convert Arabic numerals to many languages,  ←
    bugfixe
number.lha          misc/math   28K  23*Convert Arabic numerals to many languages
Numy_I.lha          misc/math    7K 203*Interesting mathematic problem. Nice GUI
odyssey.lha         misc/math   97K 195*Curve fitting and data manipulation.
pari_1_38_3.lha     misc/math  688K 194*Linear algebra and number theory. Src.
pfactor.lha         misc/math   18K 364*Prime factor computing
picalc26.lha        misc/math    6K 179*Program to calculate pi (3.14159...)
Plot.lha            misc/math   30K 436*3-D function plotting program. V5.1
PlotData2D.lha      misc/math   95K 481*Plot data on custom user defined screen. V1 ←
    .0
PlotLib.lha         misc/math  336K 367*Function plotter library
Plotter.lha         misc/math   81K 375*A program to plot math functions
Plplot.lha          misc/math  314K 466*Library of scientific plotting functions.  ←
    V2.6
PolyLab20_0.lha     misc/math  339K 180*GPIB-Data acquisition & graphic.analysis
PolyRoot.lha        misc/math   17K 536*Polynomial root finder using Newtonian. V2 ←
    .00
postfix.lha         misc/math   12K  47*Postfix Expression Calculator
PowerCalc.lha       misc/math   32K 245*Workbench realtime 3D/2D graphing calc for  ←
    OS 2.04
Priem.lha           misc/math    5K 145*Fast priem number detection
Prim.lha            misc/math    9K 143*Fast prime number detection (german)
prime.lha           misc/math    1K 166*Berechnung von Primzahlen
prime.lha           misc/math    9K  62*Calculation of primenumbers, V6.2
prime_2.lha         misc/math    5K 152*Calculation of primnumbers, version 2
PSGraph.lha         misc/math   50K 395*Graphing program . V1.0
QuickConv.lha       misc/math   28K  89*BIN/HEX/DEC Converter+Bit Op. for  ←
    programmers
Rachmistrz.lha      misc/math  574K   2 Math program
ReadWorkSheet.lha   misc/math    8K 140*Read/execute non-Amiga Maple worksheets
ReadWorkSheet.lha   misc/math   10K  37*V2.2, Read/execute non-Amiga MapleV  ←
    worksheets
rlab.lha            misc/math  1.2M 137*Numerical matrix language,UNIX port,v1.26
Roses.lha           misc/math   22K 463*Plots parametric sine roses. V1.0
RPN.lha             misc/math   45K 392*Emulates an HP pocket computer. V1.00
rpn_calc.lha        misc/math   12K 111*A sort of RPN-calculator written in Basic.
RPSC.lha            misc/math   43K 493*Programmable RPN scientific calculator. V1 ←
    .1
Schoonschip.lha     misc/math  430K 380*Algebraic manipulation program. V91.10.5
scilab_bin.lha      misc/math  2.3M 132*A numeric math tool simular to Matlab/ ←
    Simulink
scilab_doc.lha      misc/math  1.5M 132*A numeric math tool simular to Matlab/ ←
    Simulink
scilab_ext.lha      misc/math  1.1M 132*A numeric math tool simular to Matlab/ ←
    Simulink
SieveTNG.lha        misc/math    3K  85*FASTEST Sieve of Eratosthenes Prime Test
sillycalcv1.lha     misc/math    5K 152*Very tiny CLI calculator v1.0. Has memory  ←
    and prog
simequ.lha          misc/math   13K 174*Solves simultaneous equations.
sinemaker.lha       misc/math   42K 111*Makes binary sine tables, MUI
solve.lha           misc/math   13K 341*a simple program to solve equations of 4th ←
    degree
surfaceplot.lha     misc/math   36K 354*Math tool for plotting 3D surfaces
```

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TelekomRechn.lha    misc/math     5K  30*Deutsche Telekom rechnung f r WG s V1.63  ←
   mit Turbo
threedplot_2_0.lha misc/math     50K 426*Allows plotting of z=f(x,y)
TimeCalc15a.lha     misc/math     3K 124*Add together a list of times
topograph.lha       misc/math    48K 162*Mathematical function browser. V1.1
UnitConv.lha        misc/math    80K 148*Scientific unit converter WB2.0+ GERMAN
ValCalc.lha         misc/math   106K 159*Calculator for Amiga OS 2.0+
VintEval.lha        misc/math    11K 118*Postfix evaluator for large naturals
VintEval.lha        misc/math    11K 115*Postfix evaluator for large naturals,  ←
   version 2
VintEval_src.lha    misc/math     9K   8 Asm-source of VintEval.lha
Xnum.lha            misc/math     5K 438*Convert dec/bin/oct/hex numbers.
YaSieve.lha         misc/math     4K  90*Fastest Sieve of Eratosthenes prime test
YaYaSieSrc.lha      misc/math     4K  86*Fast Sieve of Eratosthenes Prime Test
YaYaSieve.lha       misc/math     3K  87*Fastest Sieve of Eratosthenes prime test
ZahlzuWort.lha      misc/math     7K  22*Program to convert numbers into words
ZahlzuWort.lha      misc/math     7K   2 Program to convert numbers into words
ZPlot.lha           misc/math   219K 436*Graph formulas based on 4D complex nbrs. V1 ←
   .3d
```