

**AminetPart**

**COLLABORATORS**

	<i>TITLE :</i> AminetPart		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		August 13, 2022	

**REVISION HISTORY**

NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# AminetPart

### 1.1 Mathematics

Click name to unpack, description to read the readme or get help

File	Dir	Size	Age	Description
3DPlot.lha	misc/math	114K	601*	Plot 3D functions of the form $Z=F(X,Y)$ . V2 ↔
.0				
4calcV11.lha	misc/math	10K	425*	4Calc v1.1 -- a nifty little calculator
abacus.lha	misc/math	18K	211*	Calculator for coders and programmers
acalc.lha	misc/math	25K	10	A calculator as a commodity
ACalc_131.lha	misc/math	21K	440*	a calculator as a commodity
Acechan.lha	misc/math	11K	371*	Makes random spread data??? Pascal source ↔
included				
acechan_101.lha	misc/math	10K	378*	Makes random spread data. Pascal source ↔
included.				
ADAM.lha	misc/math	45K	425*	Calculates to 1000's of decimal places
amatrix.lha	misc/math	274K	366*	Amatrix V2.7/2.7e (complex matrix tool)
AMPlotDemo.lzh	misc/math	183K	513*	publication quality graph plotting
analay10.lha	misc/math	364K	403*	Analysis-Program with integrated DTP-Mode
Analay111.lha	misc/math	415K	381*	Analysis program with integrated DTP-Mode
Analay112Patch.lha	misc/math	89K	335*	Analysis program with integrated DTP-Mode
arcalc.lha	misc/math	142K	519*	Scientific Calculator for Amiga OS 2.0 or ↔
higer				
arcalcv2.lha	misc/math	126K	373*	Complete scientific calculator V2.0
ASimplex.lha	misc/math	67K	671*	Solve linear eqns with Simplex algorithm. ↔
V1.5				
aYaSieve.lha	misc/math	19K	245*	Sieve of Eratosthenes prime test Ver 2.01
BigCalc.lha	misc/math	11K	452*	A pseudo-arbitrary-precision calculator
binconv.lha	misc/math	3K	321*	Module: converts DEC/HEX>BIN; source
Bitmania.lha	misc/math	58K	385*	Numbers & Codes related program.
bluepol.lha	misc/math	65K	173*	Count point position to polygon(+algor.)
Budzet2000.lha	misc/math	431K	86*	Budzet 2000. Calculates your expenses and ↔
profits.				
Calc.lha	misc/math	62K	425*	An RPN calculator with a stack window
calc.lha	misc/math	8K	330*	Simple shell calculator - V1.0
calc999g1.lha	misc/math	9K	275*	Conv. to/fro base 2-36. hex,oct,bin&c
calcdeluxe112.lha	misc/math	24K	399*	Scientific Calculator, v1.12
calcdeluxe200.lha	misc/math	29K	368*	A new *best* sfi. calculator, with graphics ↔
. Give				

CalcE_Pi_src.lha	misc/math	8K	308*C sources for calculating Pi & E
Calci.lha	misc/math	18K	496*little calculator for coders.
CalcKey.lha	misc/math	16K	677*4 function, resident, popup calculator. V1 ←
.0			
calcprimes11.lha	misc/math	21K	270*VERY FAST prime computer
calcprimes15.lha	misc/math	26K	267*Very fast prime computer
CalcRPN1.lha	misc/math	14K	491*RPN Programmers Calculator v37.2, displays ←
all bas			
ci.lha	misc/math	11K	277*Desktop calculator for complex numbers
ci.lha	misc/math	13K	265*Desktop calculator for complex numbers
Comgraph.lha	misc/math	87K	444*Function plotter, hi print quality
ComplexPlot.lha	misc/math	76K	477*Allows plotting of complex funcs. V1.0
convcalc.lha	misc/math	27K	325*MUI calc with unit conversion
convertor.lha	misc/math	210K	272*The Ultimate Unit Converter. V1.4b
convertor.lha	misc/math	214K	268*The Ultimate Unit Converter. V1.5
convertor.lha	misc/math	133K	202*Powerful UnitConverter. V2.78
convertor.lha	misc/math	168K	169*Powerful UnitConverter. V2.79
convertor.lha	misc/math	170K	133*Powerful UnitConverter. V2.80
CPlot.lha	misc/math	281K	613*Graph linear functions in two dimensions. ←
V1.0			
Cube.lzh	misc/math	86K	513*animated Rubik's Cube solver
DataPlot.lha	misc/math	11K	551*Function 'plotter' that uses MultiPlot. V1 ←
.00			
Debt.lha	misc/math	13K	513*Calculator that can deal with large #'s
DezHexBin.lha	misc/math	15K	648*Convert numbers between dec/hex/binary. V1 ←
.1			
DPFFT.lha	misc/math	50K	624*Plot FFT of data. V2.2
DPlot.lha	misc/math	85K	659*Simple experimental data display program. ←
V2.0			
DQua.lha	misc/math	13K	398*1.2 Simple quadratic solver.
draful02.lha	misc/math	97K	335*Function plotter (ECS/AGA, OS2+)
draful05.lha	misc/math	111K	309*Function plotter (ECS/AGA, OS2+)
eCalc.lha	misc/math	6K	356*Program to calculate e (2.71828...). V2.5
eCalc26.lha	misc/math	5K	355*Calculates e (2.71828...)
EGraph.lha	misc/math	41K	802*Draw formatted graph from X-Y values.
EqEd.lha	misc/math	292K	375*MUI-based Equation Editor v0.95-Beta
EqEd.lha	misc/math	396K	353*MUI-based Equation Editor v0.96-Beta
EqEd.lha	misc/math	397K	317*MUI-based Equation Editor v0.97-Beta
Evaluate1_0.lha	misc/math	17K	395*Replacement for Eval prog!
ExCalc1_1.lha	misc/math	195K	364*GUI 52-digit calculator with equations.
ExCalc1_2.lha	misc/math	215K	351*GUI 52-digit calculator with equations.
Factor.lha	misc/math	20K	288*Shows factors of a number - Optional GUI!
Factors_src.lha	misc/math	9K	308*Factorize numbers.
Factors_src.lha	misc/math	10K	292*Factorize numbers.
FalconMath.lha	misc/math	45K	410*MUI based algebra manipulation package
FalconMath10.lha	misc/math	57K	369*MUI based algebra manipulation package
FastFibo.lha	misc/math	6K	169*Calculates Fibonacci & Lucas numbers
FastFibo.lha	misc/math	30K	112*Calculates Fibonacci & Lucas numbers
FastPlot.lha	misc/math	90K	371*A Modula-2 callable plot library. V1.00
fastprim.lha	misc/math	5K	330*Computes prime numbers fast - V1.3
fastprim_src.lzh	misc/math	5K	174*Assembler Source Code for V1.3
FFT.lha	misc/math	35K	675*Optimized Fast Fourier Transform tools.
fibonacci.lha	misc/math	9K	234*FAST calculation of Fibonacci Function.
Fibonacci.lha	misc/math	6K	222*A simple CLI program to calculate Fibonacci ←
's numb			
Fibonacci.lha	misc/math	7K	175*A simple CLI program to calculate Fibonacci ←
's numb			

Fibonacci.lha	misc/math	8K	164*A simple CLI program to calculate Fibonacci	↔
's numb				
Formulae.lha	misc/math	5K	651*Basic propositional formulae in Scheme.	
fourier.lha	misc/math	68K	237*Calculates and shows fourier series (german	↔
versio				
fourier.lha	misc/math	69K	223*Calculates and shows fourier series	
funky44.lha	misc/math	103K	431*Math. Function Plotter	
Funky52d.lha	misc/math	299K	342*German mathematics program	
Funky52e.lha	misc/math	273K	342*Math-Program, english version	
Funky53d.lha	misc/math	302K	320*Math-program, German Version	
Funky53e.lha	misc/math	276K	320*Math-program, English Version	
gearcalc.lha	misc/math	42K	535*A bicycle gear ratio calculator. v2.2	
Geometry121.lha	misc/math	42K	246*Geometrical calculations (minor update, Nov	↔
97)				
Geometry_12.lha	misc/math	41K	277*Geometrical calculations (update)	
Geometry_15.lha	misc/math	105K	202*Geometrical calculations v1.5 (update)	
Geometry_16.lha	misc/math	131K	194*Geometrical calculations v1.6 (update)	
gpamiga_1_38_3.lha	misc/math	1.1M	372*Linear algebra and number theory. Bin.	
graph2d.lha	misc/math	133K	398*Plots and analyzes math. functions, V1.50	
graph2d.lha	misc/math	207K	347*Plots and analyzes functions, V3.20	
graph2d310.lha	misc/math	201K	356*Plots and analyzes functions, V3.10	
graph2d_fr.lha	misc/math	31K	331*French translation for Graph2D 3.20	
graphdq.lha	misc/math	47K	436*Graph 2-dimensional differential equations!	↔
:)				
GraphIt.lha	misc/math	38K	778*Plot functions in 2 or 3 dimensions.	
GraphX.lha	misc/math	72K	240*GERMAN Math program V2.5 FREeware	
HexCalc.lha	misc/math	10K	798*A nice little hex/oct/dec/bin calculator	
HexCon.lha	misc/math	15K	87*Simple DEC<->HEX<->BIN Converter.	
HexCon.lha	misc/math	16K	75*Simple Hex <-> Dec <-> Bin converter	
HexCon.lha	misc/math	16K	67*Simple Hex <-> Dec <-> Bin converter	
highprecision.lha	misc/math	17K	203*Computes Floating Point numbers to any	↔
Precision				
HP11.lha	misc/math	76K	662*Emulates HP11C programmable calculator. V1	↔
.1				
HP11.lha	misc/math	94K	197*V1.2 Emulates HP11C programmable calc	
Hp_10c.lha	misc/math	28K	771*Emulation of HP-10C calculator.	
icalc21a.lha	misc/math	87K	519*powerful scientific calculator/language (	↔
bug fix)				
ICalcScripts.lha	misc/math	1K	346*Some handy functions for ICalc 2.1	
IntCalc_1_11.lha	misc/math	58K	494*Four-Base-Multi-Screen-Integer-Calculator	
Integral_0a.lha	misc/math	63K	390*A library for Global Adaptive Integration	↔
v1.0a				
IntuiCalcMUI11.lha	misc/math	18K	444*A simple Workbench calculator, needs MUI	
jomboo.lha	misc/math	7K	259*Hex/Dec/Bin/Oct/other converter. GUI, PL	↔
guide.				
KillPrime_1_0.lha	misc/math	10K	308*Rip factors from an arbitrary big number.	↔
V1.0				
KillPrime_1_02.lha	misc/math	11K	285*Rip factors from a big number. V1.02	
KPro.lha	misc/math	45K	353*Map images onto spheres	
Kurve.lha	misc/math	80K	521*Function plotting tool	
LAnt10.lha	misc/math	6K	240*Langton's Ant	
Lapl020.lha	misc/math	229K	234*V0.10 symbolic algebra program	
Lapl020fp.lha	misc/math	225K	234*V0.10 symbolic algebra program	
Laplace.lha	misc/math	177K	328*V0.3 symbolic algebra program	
Laplace.lha	misc/math	617K	302*V0.7 symbolic algebra program	
Laplace.lha	misc/math	692K	273*V0.8.2 symbolic algebra program	
Laplace000.lha	misc/math	235K	234*V0.10 symbolic algebra program	

Laplace000.lha binaries	misc/math	285K	224*V0.12	symbolic algebra program - 000	↔
Laplace000.lha binaries	misc/math	494K	199*V0.13	symbolic algebra program - 000	↔
Laplace020.lha binaries	misc/math	277K	224*V0.12	symbolic algebra program - 020	↔
Laplace020.lha binaries	misc/math	482K	199*V0.13	symbolic algebra program - 020	↔
Laplace020fp.lha binaries	misc/math	272K	224*V0.12	symbolic algebra program - 020+FPU	↔
Laplace020fp.lha binaries	misc/math	472K	199*V0.13	symbolic algebra program - 020+FPU	↔
Laplace040.lha binaries	misc/math	273K	224*V0.12	symbolic algebra program - 040	↔
Laplace040.lha binaries	misc/math	474K	199*V0.13	symbolic algebra program - 040	↔
LaplaceBase.lha	misc/math	441K	234*V0.10	symbolic algebra program	
LaplaceBase.lha archive	misc/math	558K	224*V0.12	symbolic algebra program - base	↔
LaplaceBase.lha archive	misc/math	665K	199*V0.13	symbolic algebra program - base	↔
LaplaceFix.lha	misc/math	64K	195*V0.13	symbolic algebra program - bug fix	
LaplaceMsg.txt	misc/math	2K	225*	Read it before you register to Laplace	
lensrexx10.lha lenses	misc/math	8K	414*	Calculates depths of field for photographic	↔
libalgo.lha	misc/math	60K	112*	Libalgo link library with source (PPC)	
ListPlot.lha	misc/math	90K	613*A	2D plotting program using PLPLOT lib.	
Lucas.lha	misc/math	83K	225*	Lucas-Lehmer primality test. 68k+PPC.	
Lucas.lha	misc/math	99K	198*	Lucas-Lehmer primality test. 68k+PPC.	
Makers.lha	misc/math	520K	384*	Bio sketches of famous mathematicians	
makers.lzh	misc/math	539K	424*	Biographies of some famous mathematicians	
Mandelbrot.lha fractals...	misc/math	31K	359*	Search around in Mandelbrot & Julia	↔
MathadorV1_1.lha	misc/math	201K	266*	Scientific Calculator V1.1	
mathan.lha	misc/math	137K	299*	Mathematical software of general purpose.	
mathan.lha	misc/math	158K	261*	Math tool for enginers or students.	
MathFX.lha system.	misc/math	289K	353*	Math Function, Data and expression solving	↔
MathFX_src.lha library	misc/math	149K	185*	Advanced Charting, Analysis and Plotting	↔
MathMission.lha	misc/math	155K	261*	MathMission V1.5, german math-program	
MathPaint.lha	misc/math	54K	423*	Formeleditor	
mathplot.lha higher, V2.1	misc/math	128K	395*A	2D function plotter for OS 2.04 and	↔
mathplot213.lha higher, V2.1	misc/math	128K	418*A	2D function plotter for OS 2.04 and	↔
mathscript.lha	misc/math	155K	400*	Formula editor V1.0	
MathScript21.lha	misc/math	253K	373*	Mathematical Formula Editor. V2.1	
MathScript30.lha	misc/math	400K	303*	WYSIWYG Equation Editor V3.0 (MUI)	
MathScript32.lha	misc/math	411K	277*	WYSIWYG Equation Editor V3.2 (MUI)	
MathScrpt_Fra.lha	misc/math	22K	297*	French catalogs for MathScript 3.0	
mathX100.lha	misc/math	263K	298*	Math program (ex Graph2D) V1.00, MUI	
mathX111.lha	misc/math	282K	284*	Math program, V1.11, MUI	
mathx131b.lha	misc/math	345K	214*	Math program V1.31b, MUI	
mathx132.lha	misc/math	264K	191*	Math program V1.32, MUI	
Matlab.lha	misc/math	411K	581*	Fortran matrix processing package	
MatLabPatch.lha	misc/math	68K	493*	Patches for Matlab & Diglib on disk 499	

matrices100.lha	misc/math	41K	351*Does simple matrix operations (GUI)
Matrix.lha	misc/math	22K	220*A small cli program which solves matrixes. ←
solv			
MATRIX26.lha	misc/math	153K	386*Mathematrix V2.6 (complex matrix tool)
MCalc14.lha	misc/math	75K	414*Powerful calculator - Needs MUI
MCalc17.lha	misc/math	100K	346*Powerful calculator - Needs MUI
mdlgraph1.0.lha	misc/math	43K	216*A simple parametric grapher
mdlgraph1.1.lha	misc/math	93K	197*A simple parametric grapher
MiraPLOT10.lha	misc/math	25K	238*Plot 3D parametric surfaces, very fast
MiraPL_Deu.lha	misc/math	1K	238*German catalog for MiraPLOT D.Neubauer
MiraPL_Sve.lha	misc/math	1K	238*Svenska catalog for MiraPLOT Johan Thell
MortCalc.lha	misc/math	57K	614*Highly accurate loan calculator. V2.5
msextras.lha	misc/math	104K	284*Mathscript3 Enhancement Utilities
msextras.lha	misc/math	113K	268*Mathscript3 Enhancement Utilities
MS_Francais.lha	misc/math	24K	275*French catalogs for MathScript 3.2
MultiCalc.lha	misc/math	26K	714*Hi precision RPN style calculator w/GUI.
MyPrimes.lha	misc/math	13K	309*Yet another prime number generator
newtn.lha	misc/math	29K	244*Math program in Italian language.
Newton.lha	misc/math	16K	714*Compute roots of a polynomial. V1.0
NLCalc.lha	misc/math	45K	581*New Look calculator (open on any screen). ←
V3.1.2			
number.lha	misc/math	28K	287*Convert Arabic numerals to many languages
number.lha	misc/math	27K	252*Convert Arabic numerals to many languages, ←
bugfixe			
number.lha	misc/math	28K	201*Convert Arabic numerals to many languages
number.lha	misc/math	28K	177*Convert Arabic numerals to many languages
number.lha	misc/math	30K	102*Convert Arabic numerals to many languages
Numy_I.lha	misc/math	7K	380*Interesting mathematic problem. Nice GUI
odyssey.lha	misc/math	97K	373*Curve fitting and data manipulation.
pari_1_38_3.lha	misc/math	688K	372*Linear algebra and number theory. Src.
permutation.lha	misc/math	6K	152*Generate permutations, source code in C
pfactor.lha	misc/math	18K	542*Prime factor computing
picalc26.lha	misc/math	6K	356*Program to calculate pi (3.14159...)
Plot.lha	misc/math	30K	614*3-D function plotting program. V5.1
PlotData2D.lha	misc/math	95K	659*Plot data on custom user defined screen. V1 ←
.0			
PlotLib.lha	misc/math	336K	544*Function plotter library
Plotter.lha	misc/math	81K	553*A program to plot math functions
Plplot.lha	misc/math	314K	644*Library of scientific plotting functions. ←
V2.6			
PolyLab20_0.lha	misc/math	339K	358*GPIB-Data acquisition & graphic.analysis
PolyRoot.lha	misc/math	17K	714*Polynomial root finder using Newtonian. V2 ←
.00			
postfix.lha	misc/math	12K	225*Postfix Expression Calculator
PowerCalc.lha	misc/math	32K	422*Workbench realtime 3D/2D graphing calc for ←
OS 2.04			
Priem.lha	misc/math	5K	323*Fast priem number detection
Prim.lha	misc/math	9K	321*Fast prime number detection (german)
prime.lha	misc/math	1K	344*Berechnung von Primzahlen
prime.lha	misc/math	9K	240*Calculation of primenumbers, V6.2
Prime.lha	misc/math	9K	171*Calculation of primenumbers, V6.3
Prime.lha	misc/math	12K	134*Calculation of primenumbers, V7.0
prime_2.lha	misc/math	5K	330*Calculation of primnumbers, version 2
PSGraph.lha	misc/math	50K	573*Graphing program . V1.0
QuickConv.lha	misc/math	28K	267*BIN/HEX/DEC Converter+Bit Op. for ←
programmers			
rachmist.lha	misc/math	573K	188*Math program



Rachmistrz.lha	misc/math	574K	180*Math program
ReadWorkSheet.lha	misc/math	8K	318*Read/execute non-Amiga Maple worksheets
ReadWorkSheet.lha	misc/math	10K	215*V2.2, Read/execute non-Amiga MapleV ↩
worksheets			
rlab.lha	misc/math	1.2M	315*Numerical matrix language, UNIX port, v1.26
Roses.lha	misc/math	22K	641*Plots parametric sine roses. V1.0
RPN.lha	misc/math	45K	570*Emulates an HP pocket computer. V1.00
rpn_calc.lha	misc/math	12K	288*A sort of RPN-calculator written in Basic.
RPSC.lha	misc/math	43K	671*Programmable RPN scientific calculator. V1 ↩
.1			
Schoonschip.lha	misc/math	430K	557*Algebraic manipulation program. V91.10.5
scilab_bin.lha	misc/math	2.3M	310*A numeric math tool similar to Matlab/ ↩
Simulink			
scilab_doc.lha	misc/math	1.5M	310*A numeric math tool similar to Matlab/ ↩
Simulink			
scilab_ext.lha	misc/math	1.1M	310*A numeric math tool similar to Matlab/ ↩
Simulink			
SieveTNG.lha	misc/math	3K	263*FASTEST Sieve of Eratosthenes Prime Test
sillycalcv1.lha	misc/math	5K	329*Very tiny CLI calculator v1.0. Has memory ↩
and prog			
simequ.lha	misc/math	13K	351*Solves simultaneous equations.
sinemaker.lha	misc/math	42K	289*Makes binary sine tables, MUI
solve.lha	misc/math	13K	519*a simple program to solve equations of 4th ↩
degree			
surfaceplot.lha	misc/math	36K	532*Math tool for plotting 3D surfaces
TCalcStats2.lha	misc/math	337K	173*Statistical Analysis using TurboCalc 5
TCalcStats2a.lha	misc/math	349K	160*Statistical Analysis using TurboCalc 5 ( ↩
update)			
TCalcStats2c.lha	misc/math	382K	151*Statistical Analysis using TurboCalc 5 ( ↩
update 3)			
TelekomRechn.lha	misc/math	5K	208*Deutsche Telekom rechnung f r WG s V1.63 ↩
mit Turbo			
threedplot_2_0.lha	misc/math	50K	603*Allows plotting of z=f(x,y)
TimeCalc15a.lha	misc/math	3K	302*Add together a list of times
topograph.lha	misc/math	48K	339*Mathematical function browser. V1.1
TotalCalc1_22.lha	misc/math	46K	163*Calculator with interesting features
TotalCalc1_23.lha	misc/math	48K	149*Calculator with interesting features
UmpV1.0.lha	misc/math	15K	5 Function Graphing (UMP - Ultimate ↩
Matemactical Prog			
UnitConv.lha	misc/math	80K	326*Scientific unit converter WB2.0+ GERMAN
ValCalc.lha	misc/math	106K	337*Calculator for Amiga OS 2.0+
VintEval.lha	misc/math	11K	296*Postfix evaluator for large naturals
VintEval.lha	misc/math	11K	292*Postfix evaluator for large naturals, ↩
version 2			
VintEval_src.lha	misc/math	9K	185*Asm-source of VintEval.lha
Xnum.lha	misc/math	5K	615*Convert dec/bin/oct/hex numbers.
yacas-mos.lha	misc/math	520K	61*Math Program like MatLab, v1.0.47 -MorphOS-
yacas-mos.lha	misc/math	654K	20*Math Program like MatLab, v1.0.49 -MorphOS-
YACAS.lha	misc/math	446K	111*Mathematics Program, v1.0.37
YACAS.lha	misc/math	551K	85*Mathematics Program, v1.0.43
YACAS.lha	misc/math	564K	73*Mathematics Program, v1.0.45
YACAS.lha	misc/math	450K	61*Math Program like MatLab, v1.0.47
yacas.lha	misc/math	1.0M	20*Math Program like MatLab, v1.0.49
YaSieve.lha	misc/math	4K	268*Fastest Sieve of Eratosthenes prime test
YaYaSieSrc.lha	misc/math	4K	264*Fast Sieve of Eratosthenes Prime Test
YaYaSieve.lha	misc/math	3K	264*Fastest Sieve of Eratosthenes prime test
ZahlzuWort.lha	misc/math	7K	180*Program to convert numbers into words

ZPlot.lha            misc/math 219K 614\*Graph formulas based on 4D complex nbrs. V1 ↔  
  .3d