

**AminetPart**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> AminetPart		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		August 9, 2024	

<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

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## Chapter 1

# AminetPart

### 1.1 Scientific software

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

File	Dir	Size	Age	Description
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abacus048.lha	misc/sci	91K	8	ABaCUS 0.48 for AMIGA
afstat10.lha	misc/sci	126K	7	Amiga Multivariate Statistical Analysis.
Amicom21.lha	misc/sci	196K	49*	THE BEST AX25 packet radio program !
AmicomFR.lha	misc/sci	38K	7	French translation of Amicom docs
amicomit.lha	misc/sci	54K	40*	Italian translation of Amicom docs
Amicom_21a.lha	misc/sci	197K	22*	THE BEST AX25 packet radio program !
AmiGazer.lha	misc/sci	47K	164*	Compute a view of the night sky & more. V3 ↩
.0				
AREgress20.lha	misc/sci	30K	95*	Makes regression and prints diagramms
ASTRO120.lzh	misc/sci	374K	7	Astrology. horoscopes, analysis and more
astrolog.lha	misc/sci	130K	121*	Amiga port of 'astrolog' with graphics.
Automata.lha	misc/sci	112K	208*	Versatile cellular automaton simulation
Brownian.lha	misc/sci	7K	313*	Fractal theory and brownian motion demo.
ChemBalance.lha	misc/sci	23K	37*	Balance chemical equations. V3.0
Chemesthetics.lha	misc/sci	536K	144*	Draws molecules
ChemniMaTe.lha	misc/sci	65K	189*	Makes animations of chemical reactions. V0 ↩
.8				
CoGo.lha	misc/sci	60K	141*	Engineering/surveying program. V1.0
CP101A.lha	misc/sci	108K	7	Attempts to diagnose illness & injury
cp43.lha	misc/sci	96K	39*	Scientific dataploting and analysis program
cpk_26.lha	misc/sci	553K	8	AGA & Picasso compatible molecular renderer
CyclicSpace.lha	misc/sci	16K	289*	Griffeathian cyclic space generator pgm. V1 ↩
.42				
Cycloids.lha	misc/sci	31K	433*	Electronic spirograph program.
Deduce122.lha	misc/sci	57K	3	A deductive reasoning AI program
DER_PROZESS.lha	misc/sci	154K	5	Energieanlagenplaner, german only
dproc128.lha	misc/sci	208K	104*	Mathematical dataprocessor - update to v1 ↩
.264				
DynamicSkies.lha	misc/sci	270K	66*	Astronomy toolbox
elements.lha	misc/sci	53K	155*	Interactive Table of Elements
Ephemer.lha	misc/sci	58K	208*	Calculate positions of sun/moon/planets
Ephem_bin.lha	misc/sci	104K	133*	Astronomical software, binaries
Ephem_src.lha	misc/sci	127K	142*	Astronomical software, binaries
Filters.lha	misc/sci	15K	66*	GUI based RC filter design program. V1.2

gfft_1_12.lha	misc/sci	296K	34*FFT spectrum analysis of sample files	
Gleichung.lha	misc/sci	28K	90*A program to solve linear equations. Needs	↔
2.04 or				
GraviSimu11.lha	misc/sci	76K	43*Excellent Gravity Simulation Package with	↔
MUI				
Gravity.lha	misc/sci	21K	226*Simulates astronomical object movements. V1	↔
.0				
Gravity_Well.lha	misc/sci	39K	294*Celestial motion simulator, up to 20 obj	
GravSim.lha	misc/sci	31K	305*Animate up to 6 planetary masses. V1.50	
gridloc.lha	misc/sci	48K	34*(AMOS) Amateur Radio grid square calc	
Hypocycloids.lha	misc/sci	31K	409*Electronic spirograph program.	
LDI.lha	misc/sci	8K	7 Helps you to have lucid dreams. V1.08	
LIPv1_4.lha	misc/sci	70K	8 Uses audio suggestion to attempt to induce	↔
lucid d				
LogEv10.lha	misc/sci	53K	95*cmd-line simulation of logic circuits	
LogicShop_v1_1.lha	misc/sci	13K	95*Build and test logic circuits with an	↔
intuition in				
lpdemo101.lha	misc/sci	39K	124*Digital Logic Circuit Simulator	
messlabor.lha	misc/sci	37K	2 Plots x/y Datas	
MLSv1_7.lha	misc/sci	28K	17*Performs Least Squares fit on Data	
MN3A.lha	misc/sci	57K	22*An antenna design program. V1.2	
MoleWt.lha	misc/sci	23K	211*Molecular weight calculator. V1.01	
MTRAINER.lha	misc/sci	143K	48*Advanced Morse Tutor. OS 2.0+ required	
multiplot.lzh	misc/sci	329K	90*Version XLNf v1.06 of scientific data	↔
plotter				
NeuralNet.lha	misc/sci	11K	297*Example of Neural Net programming.	
Neural_Nets.lha	misc/sci	24K	343*Neural network example.	
Neuro.lha	misc/sci	75K	174*Neural network simulator. V1.0	
NeuronalNets.lha	misc/sci	61K	269*Neuronal Nets with Hopfield/Hamming alg.	
OPlotV1_99b.lha	misc/sci	339K	44*The Amiga-2D-Plot-Program (replaces V1.99)	
Oscillograph.lha	misc/sci	49K	100*Emulation of an oscillograph, V2.0	
p2ag.lha	misc/sci	7K	8 'Prosite' to AmigaGuide converter.	
PCBTool.lha	misc/sci	57K	343*PC board layout program. V2.6	
Planetarium.lha	misc/sci	58K	96*Astronomy. Planet animations. V1.0	
Plot6.lha	misc/sci	105K	409*A star plotting program.	
PRIME.lha	misc/sci	13K	71*Calculates prime numbers, fast.	
prosite.lha	misc/sci	833K	8 Protein families database. Amigaguide	↔
hypertext.				
RARSAmi_2lite.lha	misc/sci	55K	3 RARS_Amiga for 020+ and no fpu	
RARS_Amiga_2.lha	misc/sci	139K	4 Robot Auto Racing Simulation	
RexxPlPlot.lha	misc/sci	423K	277*Lib of C funcs for scientific plotting. V0	↔
.3				
R_MORSE1_1.lha	misc/sci	16K	50*A Morse tutor, works on any Amiga	
R_WEFAX1_1.lha	misc/sci	164K	50*A WeFAX RX. TNC, OS2.0+, 1M CHIP req.	
SatTrack_v42.lha	misc/sci	321K	33*A satellite tracking program	
ScienceDemos.lha	misc/sci	15K	409*Some science demos.	
SciSubr.lha	misc/sci	467K	362*DECUS Scientific Subroutine Package.	
secant.lzh	misc/sci	31K	69*Amiga scientific calculator util.	
Sisys000.lha	misc/sci	105K	52*z-funct plotter 68000bin (need Common)	
Sisys020.lha	misc/sci	106K	52*z-funct plotter 68020bin (need Common)	
SisysCom.lha	misc/sci	64K	52*z-funct plotter - Common files required	
SisysExm.lha	misc/sci	409K	52*z-funct plotter - Exemples (need Common)	
SnipDemo.lha	misc/sci	63K	318*Demo of signal processing program. V1.23	
Splines.lha	misc/sci	44K	22*SAS/C 6.5x port of spline program. V1.1	
srt101.lha	misc/sci	101K	12*Relativity_Theory.guide V1.0.1, German	
StarChart.lha	misc/sci	169K	343*Intuition based star information program.	↔
V1.2				

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SynWorksDemAGA.lha	misc/sci	269K	81*Neural networks tool	
TheWeb.lha	misc/sci	181K	141*Data Acq. & Processing - Graphic-diagram.	↔
V1.1				
units_1_0.lha	misc/sci	32K	39*Convert among many units (UNIX 'units')	
WCLOCK.lha	misc/sci	22K	48*Useful clock utility for OMs	
Widerstand1_0.lha	misc/sci	21K	11 Resistor values from color codes	
xmgr12.lha	misc/sci	356K	4 ACE/gr graphics for exploratory data	↔
analysis 020+				
xmgr_docs.lha	misc/sci	366K	9 ACE/gr (xmgr) graphics for exploratory data	↔
analys				

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