

**AminetPart**

**COLLABORATORS**

	<i>TITLE :</i> AminetPart		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		August 4, 2022	

**REVISION HISTORY**

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
2b_Life09.lha	misc/sci	11K	3	Small life-simulator
7plus20.lha	misc/sci	53K	56*	An intelligent ASCII to binary encoder
abacus048.lha	misc/sci	91K	70*	ABaCUS 0.48 for AMIGA
Aces_Emu.lha	misc/sci	251K	30*	An Analog Computer/Simulator for the Amiga.
afstat10.lha	misc/sci	126K	68*	Amiga Multivariate Statistical Analysis.
AiPS.lha	misc/sci	881K	52*	Image Processing package. FFT Processing
AiPSbin030FPU.lha	misc/sci	328K	52*	030+881 bin for AiPS.
ami2d_2_0.lha	misc/sci	438K	93*	2D Finite Element modeler and solvers (VER 2.00) ↔
Amicom21.lha	misc/sci	196K	110*	THE BEST AX25 packet radio program !
AmicomFR.lha	misc/sci	38K	68*	French translation of Amicom docs
amicomit.lha	misc/sci	54K	101*	Italian translation of Amicom docs
Amicom_21a.lha	misc/sci	197K	84*	THE BEST AX25 packet radio program !
AmiGazer.lha	misc/sci	47K	225*	Compute a view of the night sky & more. V3 ↔
AquaSim1_0.lha	misc/sci	281K	59*	3D Aquarium Simulator (Uses MUI2.0). Check it! ↔
AREgress20.lha	misc/sci	30K	157*	Makes regression and prints diagrams
astrolog.lha	misc/sci	130K	183*	Amiga port of 'astrolog' with graphics.
Automata.lha	misc/sci	112K	269*	Versatile cellular automaton simulation
Berechnformeln.lha	misc/sci	14K	24*	Lots of math. formulas of every kind.
Brownian.lha	misc/sci	7K	375*	Fractal theory and brownian motion demo.
ChemBalance.lha	misc/sci	23K	99*	Balance chemical equations. V3.0
Chemesthetics.lha	misc/sci	536K	205*	Draws molecules
ChemniMaTe.lha	misc/sci	65K	250*	Makes animations of chemical reactions. V0 ↔
CoGo.lha	misc/sci	60K	203*	Engineering/surveying program. V1.0
CP101A.lha	misc/sci	108K	68*	Attempts to diagnose illness & injury
cp43.lha	misc/sci	96K	100*	Scientific dataploting and analysis program
cpk_26.lha	misc/sci	553K	69*	AGA & Picasso compatible molecular renderer
CyclicSpace.lha	misc/sci	16K	350*	Griffeathian cyclic space generator pgm. V1 ↔
Cycloids.lha	misc/sci	31K	495*	Electronic spirograph program.
Deduce122.lha	misc/sci	57K	64*	A deductive reasoning AI program

DER_PROZESS.lha	misc/sci	154K	67*Energieanlagenplaner, german only
dproc128.lha	misc/sci	208K	165*Mathematical dataprocessor - update to v1 ↔
.264			
DynamicSkies.lha	misc/sci	270K	128*Astronomy toolbox
Electrics_1_0.lha	misc/sci	160K	33*Digital circuit designer, version 1.0
ElectroCAD.lha	misc/sci	178K	55*Electronic CAD Package
elements.lha	misc/sci	53K	216*Interactive Table of Elements
eliza.lha	misc/sci	28K	44*A classic AI therapist
Ephemer.lha	misc/sci	58K	269*Calculate positions of sun/moon/planets
Ephem_bin.lha	misc/sci	104K	194*Astronomical software, binaries
Ephem_src.lha	misc/sci	127K	203*Astronomical software, binaries
epi_sim.lha	misc/sci	17K	16*Epi-Sim V1.5 Simulates biological robber- ↔
prey rel			
Filters.lha	misc/sci	15K	128*GUI based RC filter design program. V1.2
FIRDesign.lha	misc/sci	96K	50*FIR Filter Designer V1.00
firdesign.lha	misc/sci	103K	10*FIR Filter Designer V1.1
GalactCollisio.lha	misc/sci	65K	60*Galaxy generates anim of 2 galaxies ↔
colliding			
gfft_1_12.lha	misc/sci	296K	96*FFT spectrum analysis of sample files
Gleichung.lha	misc/sci	28K	152*A program to solve linear equations. Needs ↔
2.04 or			
GraviSim11.lha	misc/sci	76K	105*Excellent Gravity Simulation Package with ↔
MUI			
Graviton.lha	misc/sci	274K	6 Potential Distribution Displayer, AGA
Gravity.lha	misc/sci	21K	288*Simulates astronomical object movements. V1 ↔
.0			
Gravity_Well.lha	misc/sci	39K	355*Celestial motion simulator, up to 20 obj
GravSim.lha	misc/sci	31K	367*Animate up to 6 planetary masses. V1.50
gridloc.lha	misc/sci	48K	96*(AMOS) Amateur Radio grid square calc
Hypocycloids.lha	misc/sci	31K	471*Electronic spirograph program.
LanguageTeachr.lha	misc/sci	141K	2 Vokabeltrainer
LDI.lha	misc/sci	12K	29*Helps you to have lucid dreams. V1.10
LDI.lha	misc/sci	8K	69*Helps you to have lucid dreams. V1.08
LIPv1_4.lha	misc/sci	70K	69*Uses audio suggestion to attempt to induce ↔
lucid d			
lipv1_5.lha	misc/sci	70K	9 Program for using audio suggestion to help ↔
induce			
LogEv10.lha	misc/sci	53K	157*cmd-line simulation of logic circuits
LogicShop_v1_1.lha	misc/sci	13K	157*Build and test logic circuits with an ↔
intuition in			
LogicSim10_Spa.lha	misc/sci	3K	6*Spanish catalog for Logic Simulator v1.0
LogicSim11.lha	misc/sci	213K	4 Logic circuit simulator v1.1
LogicSm.lha	misc/sci	196K	15*Logic circuit simulator with GUI
LogicSm_Swe.lha	misc/sci	5K	10*Swedish catalog for LogicSimulator (ver. ↔
1.0)			
lpdemo101.lha	misc/sci	39K	186*Digital Logic Circuit Simulator
messlabor.lha	misc/sci	44K	53*Plots x/y Datas, now with little EPS- ↔
Support			
messlaborV1_2.lha	misc/sci	82K	39*Analyse and plot datas with EPS-Support
MLSV1_7.lha	misc/sci	28K	79*Performs Least Squares fit on Data
MN3A.lha	misc/sci	57K	83*An antenna design program. V1.2
MoleWt.lha	misc/sci	23K	273*Molecular weight calculator. V1.01
MTRAINER.lha	misc/sci	143K	110*Advanced Morse Tutor. OS 2.0+ required
mtrainer13.lha	misc/sci	166K	62*Tutorial for learning Morse code
multiplot.lzh	misc/sci	329K	151*Version XLNf v1.06 of scientific data ↔
plotter			
NeuralNet.lha	misc/sci	11K	359*Example of Neural Net programming.

Neural_Nets.lha	misc/sci	24K	405*Neural network example.
Neuro.lha	misc/sci	75K	235*Neural network simulator. V1.0
NeuronalNets.lha	misc/sci	61K	331*Neuronal Nets with Hopfield/Hamming alg.
nnn.lha	misc/sci	81K	44*Nnn backpropagation neural network v1.35
OPlotV1_99b.lha	misc/sci	339K	105*The Amiga-2D-Plot-Program (replaces V1.99)
Oscillograph.lha	misc/sci	49K	162*Emulation of an oscillograph, V2.0
p2ag.lha	misc/sci	7K	70*'Prositate' to AmigaGuide converter.
PCBTool.lha	misc/sci	57K	405*PC board layout program. V2.6
Planetarium.lha	misc/sci	58K	158*Astronomy. Planet animations. V1.0
Plot6.lha	misc/sci	105K	470*A star plotting program.
Pl_2_50.lha	misc/sci	962K	42*Freeware planetarium; lots of features
Pl_2_51.lha	misc/sci	1.1M	31*Planetarium simulation; Vers. 2.51
PRIME.lha	misc/sci	13K	133*Calculates prime numbers, fast.
prosite.lha	misc/sci	621K	15*Prosite.doc database V13.0
prosite.lha	misc/sci	833K	70*Protein families database. Amigaguide ↔ hypertext.
PSB.lha	misc/sci	22K	15*Prosite Browser V1.00
PSB.lha	misc/sci	25K	2 IDEA TEAM - Prosite Browser V1.04
pse.lha	misc/sci	31K	10*Periodensystem der Elemente, germ. ↔ Guidefile
r4utils.lha	misc/sci	452K	55*Restore R4 images with Lucy-Richardson
RARSAmi_2lite.lha	misc/sci	55K	65*RARS_Amiga for 020+ and no fpu
RARS_Amiga_3.lha	misc/sci	249K	58*Robot Auto Racing Simulation
Regression.lha	misc/sci	1K	63*Extension to TurboCalc V2.0
RexxPlPlot.lha	misc/sci	423K	338*Lib of C funcs for scientific plotting. V0 ↔ .3
R_MORSE1_1.lha	misc/sci	16K	111*A Morse tutor, works on any Amiga
R_WEFAX1_1.lha	misc/sci	164K	111*A WeFAX RX. TNC, OS2.0+, 1M CHIP req.
SatTrack_v42.lha	misc/sci	321K	95*A satellite tracking program
SCAN.lha	misc/sci	393K	8 Controller for receiver FRG-8800, database ↔ for Sho
SCAN8800.lha	misc/sci	648K	57*Controller for FRG-8800, database for Short ↔ -Wave-L
SCAN_881.lha	misc/sci	140K	8 Controller for receiver FRG-8800, database ↔ for Sho
SCAN_T.lha	misc/sci	139K	8 Controller for receiver FRG-8800, database ↔ for Sho
SCAN_T40.lha	misc/sci	140K	8 Controller for receiver FRG-8800, database ↔ for Sho
ScienceDemos.lha	misc/sci	15K	471*Some science demos.
SciSubr.lha	misc/sci	467K	424*DECUS Scientific Subroutine Package.
secant.lzh	misc/sci	31K	131*Amiga scientific calculator util.
SeqGen.lha	misc/sci	54K	14*Peptide sequence editor/generator 1.0
Sisys000.lha	misc/sci	105K	114*z-funct plotter 68000bin (need Common)
Sisys020.lha	misc/sci	106K	114*z-funct plotter 68020bin (need Common)
SisysCom.lha	misc/sci	64K	114*z-funct plotter - Common files required
SisysExm.lha	misc/sci	409K	114*z-funct plotter - Exemples (need Common)
SnipDemo.lha	misc/sci	63K	379*Demo of signal processing program. V1.23
SolarSystem.lha	misc/sci	43K	17*Shows the orbits of planets, sats and ↔ comets (v1.0)
SpAn_v15.lha	misc/sci	23K	22*SpAn v1.5 is a little spectrum analyzer
Splines.lha	misc/sci	44K	83*SAS/C 6.5x port of spline program. V1.1
srt101.lha	misc/sci	101K	74*Relativity_Theory.guide V1.0.1, German
StarChart.lha	misc/sci	169K	405*Intuition based star information program. ↔ V1.2
StarCollapse.lha	misc/sci	28K	34*Gravitational collapse of a star cluster
SynWorksDemAGA.lha	misc/sci	269K	143*Neural networks tool

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S_PSPatch.lha	misc/sci	9K	6 Spice PostScript Patch by Starwave	
TheWeb.lha	misc/sci	181K	203*Data Acq. & Processing - Graphic-diagram.	↔
V1.1				
Troepfel.lha	misc/sci	38K	25*Calc. of Pi and e to many digits (V1.01)	
units_1_0.lha	misc/sci	32K	100*Convert among many units (UNIX 'units')	
VWorlds21.lha	misc/sci	1.2M	7 Images of sky from any planet or comet.	
WCLOCK.lha	misc/sci	22K	110*Useful clock utility for OMs	
Widerstand1_0.lha	misc/sci	21K	72*Resistor values from color codes	
xmgr20_docs.lha	misc/sci	325K	58*ACE/gr graphics for exploratory data	↔
analysis 020+				
xmgr23.lha	misc/sci	394K	47*ACE/gr graphics for exploratory data	↔
analysis 020+				
xmgr24c.lha	misc/sci	413K	25*ACE/gr graphics for exploratory data	↔
analysis 020+				
xmgr24_docs.lha	misc/sci	228K	26*Docs for ACE/gr graphics for exploratory	↔
data anal				
xmgr24_example.lha	misc/sci	275K	26*Examples for ACE/gr graphics for	↔
exploratory data				
xspringies2.lha	misc/sci	125K	62*Xspringies - a mass and spring simulation	↔
system.				

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