

AminetPart

COLLABORATORS

	<i>TITLE :</i> AminetPart		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		August 7, 2022	

REVISION HISTORY

<i>NUMBER</i>	<i>DATE</i>	<i>DESCRIPTION</i>	<i>NAME</i>

Contents

1 AminetPart	1
1.1 Scientific software	1

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	115*	Small life-simulator
7plus20.lha	misc/sci	53K	169*	An intelligent ASCII to binary encoder
abacus048.lha	misc/sci	91K	182*	ABaCUS 0.48 for AMIGA
Aces_Emu.lha	misc/sci	251K	143*	An Analog Computer/Simulator for the Amiga.
afstat10.lha	misc/sci	126K	181*	Amiga Multivariate Statistical Analysis.
AiPS.lha	misc/sci	881K	164*	Image Processing package. FFT Processing
AiPSbin030FPU.lha	misc/sci	328K	164*	030+881 bin for AiPS.
ami2d_2_0.lha	misc/sci	438K	205*	2D Finite Element modeler and solvers (VER 2.00) ←
Amicom21.lha	misc/sci	196K	223*	THE BEST AX25 packet radio program !
AmicomFR.lha	misc/sci	38K	181*	French translation of Amicom docs
amicomit.lha	misc/sci	54K	214*	Italian translation of Amicom docs
Amicom_21a.lha	misc/sci	197K	196*	THE BEST AX25 packet radio program !
AmiGazer.lha	misc/sci	47K	338*	Compute a view of the night sky & more. V3 ←
AmiSPICEed.lha	misc/sci	367K	5	Simulation environment for SPICE (V1.7)
AmiSPICEed.lha	misc/sci	377K	12*	Simulation environment for SPICE (V1.6)
AmiSPICEed.lha	misc/sci	282K	20*	Analog circuit editor for SPICE (V1.4)
AquaSim1_0.lha	misc/sci	281K	172*	3D Aquarium Simulator (Uses MUI2.0). Check it! ←
AREgress20.lha	misc/sci	30K	269*	Makes regression and prints diagrams
astrolog.lha	misc/sci	130K	295*	Amiga port of 'astrolog' with graphics.
Automata.lha	misc/sci	112K	382*	Versatile cellular automaton simulation
Berechnformeln.lha	misc/sci	14K	137*	Lots of math. formulas of every kind.
Brownian.lha	misc/sci	7K	488*	Fractal theory and brownian motion demo.
CDB.lha	misc/sci	40K	103*	IDEA TEAM - Chemistry Database V1.02
CDBguide_esp.lha	misc/sci	10K	87*	Spanish translation of CDB.guide V1.02
CDB_105.lha	misc/sci	176K	67*	IDEA TEAM - Chemistry Database V1.05 - BUG FIX ←
CDB_106.lha	misc/sci	179K	38*	IDEA TEAM - Chemistry Database V1.06 (localized) ←
ChemBalance.lha	misc/sci	23K	211*	Balance chemical equations. V3.0
Chemesthetics.lha	misc/sci	536K	318*	Draws molecules

chemie_pse121.lha	misc/sci	105K	77*Periodic table of the elements in german in HTML	↔
ChemniMaTe.lha	misc/sci	65K	363*Makes animations of chemical reactions. V0	↔
.8				
Chimica.lha	misc/sci	32K	69*Chemistry; what a student need (Italian)	
Chimica.lha	misc/sci	90K	104*Chemistry; what a student need (Italian)	
chimicad.lha	misc/sci	297K	76*Chemical CAD program(2D bitmap) V1_14	
chimicad.lha	misc/sci	202K	55*Chemical 2D drawing program (V1.24)	
ChipMnk_lib.lha	misc/sci	50K	78*ChipMunk Package - Electronic circuits	↔
tools				
ChipMunkWebDoc.lha	misc/sci	194K	77*ChipMunk Package - Documentation in HTML	↔
format				
circuit.lha	misc/sci	67K	21*Free logic circuit simulator using MUI	
CircuitData.lha	misc/sci	5K	18*5 additional macros for 'Circuit'	
clustalv.lha	misc/sci	210K	61*ClustalV DNA/protein sequence alignment	
CoGo.lha	misc/sci	60K	315*Engineering/surveying program. V1.0	
CP101A.lha	misc/sci	108K	181*Attempts to diagnose illness & injury	
cp43.lha	misc/sci	96K	213*Scientific dataploting and analysis program	
cpk_26.lha	misc/sci	553K	182*AGA & Picasso compatible molecular renderer	
CyclicSpace.lha	misc/sci	16K	463*Griffeathian cyclic space generator pgm. V1	↔
.42				
Cycloids.lha	misc/sci	31K	608*Electronic spirograph program.	
DAlmanacData.lha	misc/sci	8.4M	24*Datas (V39.7) for Digital Almanac (V39.14+)	
DAlmanac_Data.lha	misc/sci	11M	5 Datas (39.11) for Digital Almanac 39.22+	
DAlmanac_Data.lha	misc/sci	5.5M	38*Datas for Digital Almanac (V39.5)	
DAlmanac_Exe.lha	misc/sci	426K	5 Great Astronomical Program (39.22)	
DAlmanac_Exe.lha	misc/sci	417K	16*Great Astronomical Program (V39.18)	
DAlmanac_Extra.lha	misc/sci	12M	4 Extra Database for Digital Almanac 39.22+	
DAlmanaExe.lha	misc/sci	410K	24*Great Astronomical Program (V39.14)	
DAlmana_Data.lha	misc/sci	10M	16*Datas (V39.10) for Digital Almanac 39.18+	
DAlmana_Exe.lha	misc/sci	366K	38*Great Astronomical Program (V39.9)	
Deduce122.lha	misc/sci	57K	177*A deductive reasoning AI program	
DER_PROZESS.lha	misc/sci	154K	179*Energieanlagenplaner, german only	
DER_PROZESS.lha	misc/sci	201K	108*A programme for industrial pipe and process	↔
engine				
Doroty_1_1.lha	misc/sci	90K	113*Calculates isostatic frames - civ. eng.	
dprocl28.lha	misc/sci	208K	278*Mathematical dataprocessor - update to v1	↔
.264				
DynamicSkies.lha	misc/sci	270K	240*Astronomy toolbox	
E12.lha	misc/sci	13K	43*Best match a resistance with the E12 series	
EasySTAT.lha	misc/sci	96K	12*Statistics Program	
EBrushes_10.lha	misc/sci	25K	57*Brushes for Electronic circuit design	
Electrics_1_0.lha	misc/sci	160K	146*Digital circuit designer, version 1.0	
ElectroCAD.lha	misc/sci	178K	168*Electronic CAD Package	
elements.lha	misc/sci	53K	329*Interactive Table of Elements	
eliza.lha	misc/sci	28K	157*A classic AI therapist	
EltronSch.lha	misc/sci	261K	96*Professional Electronic Schematic Capture	↔
Symbols				
Ephemer.lha	misc/sci	58K	382*Calculate positions of sun/moon/planets	
Ephem_bin.lha	misc/sci	104K	307*Astronomical software, binaries	
Ephem_src.lha	misc/sci	127K	316*Astronomical software, binaries	
epi_sim.lha	misc/sci	19K	93*V1.6 Simulates robber prey relations	
epi_sim.lha	misc/sci	17K	128*Epi-Sim V1.5 Simulates bilological robber-	↔
prey rel				
evoluzione.lha	misc/sci	10K	106*A microbial population on your screen	
FaseLuna13.lha	misc/sci	187K	102*V1.3 bugs fix. Planets/Houses Astrology	

fields.lha	misc/sci	23K	93*V1.0 Simulates movement in E- B- or Grav	↔
Fields				
Filters.lha	misc/sci	15K	240*GUI based RC filter design program. V1.2	
FIRDesign.lha	misc/sci	96K	163*FIR Filter Designer V1.00	
FIRDesign.lha	misc/sci	121K	26*FIR Filter Designer V1.2	
firdesign.lha	misc/sci	103K	122*FIR Filter Designer V1.1	
FIRDesign2.lha	misc/sci	166K	30*FIR Filter Designer V2.1	
FIRDesign2.lha	misc/sci	170K	4 FIR Filter Designer V2.3	
FIRDesign2.lha	misc/sci	165K	32*FIR Filter Designer V2.0	
FIRDsgn2.lha	misc/sci	166K	25*FIR Filter Designer V2.2	
Framsticks.lha	misc/sci	475K	11*3D Artificial Life Evolution Simulator	
fuzzcont.lha	misc/sci	85K	108*Fuzzy Control Simulation	
GalactCollisio.lha	misc/sci	65K	172*Galaxy generates anim of 2 galaxies	↔
colliding				
gfft_1_12.lha	misc/sci	296K	208*FFT spectrum analysis of sample files	
Gleichung.lha	misc/sci	28K	264*A program to solve linear equations. Needs	↔
2.04 or				
graph306.lha	misc/sci	130K	74*Graphwrite3.06 PD Graphing calc&fitting	
GraviSimu11.lha	misc/sci	76K	217*Excellent Gravity Simulation Package with	↔
MUI				
Graviton.lha	misc/sci	274K	118*Potential Distribution Displayer, AGA	
Gravity.lha	misc/sci	21K	400*Simulates astronomical object movements. V1	↔
.0				
Gravity_Well.lha	misc/sci	39K	468*Celestial motion simulator, up to 20 obj	
GravSim.lha	misc/sci	31K	480*Animate up to 6 planetary masses. V1.50	
gridloc.lha	misc/sci	48K	208*(AMOS) Amateur Radio grid square calc	
gsd.lha	misc/sci	27K	10*Shows various algorithms sorting (V1.1)	
Hypocycloids.lha	misc/sci	31K	584*Electronic spirograph program.	
LanguageTeachr.lha	misc/sci	141K	115*Vokabeltrainer	
LDI.lha	misc/sci	8K	181*Helps you to have lucid dreams. V1.08	
LDI.lha	misc/sci	12K	142*Helps you to have lucid dreams. V1.10	
life.lha	misc/sci	1K	72*Small but big life simulator!	
LIPv1_4.lha	misc/sci	70K	182*Uses audio suggestion to attempt to induce	↔
lucid d				
lipv1_5.lha	misc/sci	70K	122*Program for using audio suggestion to help	↔
induce				
LogEv10.lha	misc/sci	53K	270*cmd-line simulation of logic circuits	
LogicShop_v1_1.lha	misc/sci	13K	270*Build and test logic circuits with an	↔
intuition in				
LogicSim10_Spa.lha	misc/sci	3K	119*Spanish catalog for Logic Simulator v1.0	
LogicSim11.lha	misc/sci	213K	117*Logic circuit simulator v1.1	
LogicSm.lha	misc/sci	196K	128*Logic circuit simulator with GUI	
LogicSmDan.lha	misc/sci	3K	113*Danish catalog for LogicSim 1.1	
LogicSmSpa.lha	misc/sci	3K	97*Spanish catalog for LogicSim 1.1x	
LogicSm_Swe.lha	misc/sci	5K	123*Swedish catalog for LogicSimulator (ver.	↔
1.0)				
log_040.lha	misc/sci	709K	78*Digital/Analog circuit simulator with	↔
schematic ed				
log_bin.lha	misc/sci	797K	78*Digital/Analog circuit simulator with	↔
schematic ed				
log_doc.lha	misc/sci	352K	78*Digital/Analog circuit simulator with	↔
schematic ed				
log_fpu.lha	misc/sci	705K	78*Digital/Analog circuit simulator with	↔
schematic ed				
log_lib.lha	misc/sci	108K	78*Digital/Analog circuit simulator with	↔
schematic ed				
lpdemo101.lha	misc/sci	39K	298*Digital Logic Circuit Simulator	

maschcal.lha	misc/sci	34K	46*Small program for mech. engineers (german)
messlabor.lha	misc/sci	44K	165*Plots x/y Datas, now with little EPS- ←
Support			
messlaborV1_2.lha	misc/sci	82K	151*Analyse and plot datas with EPS-Support
MLSv1_7.lha	misc/sci	28K	191*Performs Least Squares fit on Data
MN3A.lha	misc/sci	57K	196*An antenna design program. V1.2
MoleWt.lha	misc/sci	23K	385*Molecular weight calculator. V1.01
MoPac5.lha	misc/sci	1.7M	109*Semi-empirical molecular orbital package
MTRAINER.lha	misc/sci	143K	222*Advanced Morse Tutor. OS 2.0+ required
mtrainer13.lha	misc/sci	166K	175*Tutorial for learning Morse code
multiplot.lzh	misc/sci	329K	264*Version XLNf v1.06 of scientific data ←
plotter			
NeuralNet.lha	misc/sci	11K	472*Example of Neural Net programming.
Neural_Nets.lha	misc/sci	24K	518*Neural network example.
Neuro.lha	misc/sci	75K	348*Neural network simulator. V1.0
NeuronalNets.lha	misc/sci	61K	443*Neuronal Nets with Hopfield/Hamming alg.
nnn.lha	misc/sci	81K	157*Nnn backpropagation neural network v1.35
OPlotV1_99b.lha	misc/sci	339K	218*The Amiga-2D-Plot-Program (replaces V1.99)
Oscillograph.lha	misc/sci	49K	274*Emulation of an oscillograph, V2.0
p2ag.lha	misc/sci	7K	182*'Prositate' to AmigaGuide converter.
pcbdesigner.lha	misc/sci	61K	61*Tool for PCB designing - BLABLA PRODUCT
PCBTool.lha	misc/sci	57K	518*PC board layout program. V2.6
PetitChimiste.lha	misc/sci	195K	35*A 3D presentation tool for chemical ←
molecules			
PetitChimiste.lha	misc/sci	219K	21*A 3D presentation tool for chemical ←
molecules			
PetitChimiste.lha	misc/sci	95K	75*A 3D presentation tool for chemical ←
molecules			
PetitChimiste.lha	misc/sci	261K	11*A 3D presentation tool for chemical ←
molecules			
PetitChimiste.lha	misc/sci	273K	1 A 3D presentation tool for chemical ←
molecules			
physics.lha	misc/sci	319K	69*Interactive educational demo *5DSoftware*
piluigi.lha	misc/sci	20K	12*Fast calculation of Pi to many digits, 68k+ ←
PPC			
PINQ.lha	misc/sci	161K	98*If you eat then you need this program.
Planetarium.lha	misc/sci	58K	270*Astronomy. Planet animations. V1.0
Plot6.lha	misc/sci	105K	583*A star plotting program.
Pl_2_50.lha	misc/sci	962K	154*Freeware planetarium; lots of features
Pl_2_51.lha	misc/sci	1.1M	143*Planetarium simulation; Vers. 2.51
pl_3_0.lha	misc/sci	643K	89*Planetarium simulation; Vers. 3.0
pl_pix.lha	misc/sci	618K	89*Additional pictures for Planetarium 3.0
PPCtroepfel.lha	misc/sci	39K	30*Calc. of Pi and e to many digits (V1.01), ←
PPC			
Predator.lha	misc/sci	517K	104*Protein secondary structure prediction
PRIME.lha	misc/sci	13K	245*Calculates prime numbers, fast.
prosite.lha	misc/sci	833K	182*Protein families database. Amigaguide ←
hypertext.			
prosite.lha	misc/sci	621K	127*Prosite.doc database V13.0
PSB.lha	misc/sci	22K	127*Prosite Browser V1.00
PSB.lha	misc/sci	28K	100*IDEA TEAM - Prosite Browser V1.09
PSBguide_esp.lha	misc/sci	8K	87*Spanish translation of PSB.guide V1.09
PSB_110.lha	misc/sci	28K	79*IDEA TEAM - Prosite Browser V1.10
PSB_111.lha	misc/sci	35K	38*IDEA TEAM - Prosite Browser V1.11 (now ←
localized)			
pse.lha	misc/sci	31K	123*Periodensystem der Elemente, germ. ←
Guidefile			

PSE_12.lha	misc/sci	145K	107*Periodic table of the elements in germ.,	↔
french, e				
pulito.lha	misc/sci	125K	97*To solve linear programming problems (Ita/	↔
Eng)				
Quinel_0.lha	misc/sci	11K	69*Quine McCluskey function resolver (MUI)	
r4utils.lha	misc/sci	452K	168*Restore R4 images with Lucy-Richardson	
RARSAmi_2lite.lha	misc/sci	55K	177*RARS_Amiga for 020+ and no fpu	
RARS_Amiga_3.lha	misc/sci	249K	170*Robot Auto Racing Simulation	
Regression.lha	misc/sci	1K	175*Extension to TurboCalc V2.0	
RelVel.lha	misc/sci	21K	35*Shell based True Wind Speed & Direction	↔
Calculator				
RexxPlPlot.lha	misc/sci	423K	451*Lib of C funcs for scientific plotting. V0	↔
.3				
R_MORSE1_1.lha	misc/sci	16K	224*A Morse tutor, works on any Amiga	
R_WEFAX1_1.lha	misc/sci	164K	224*A WeFAX RX. TNC, OS2.0+, 1M CHIP req.	
satelit12.lha	misc/sci	23K	56*Satellite Finder for TV	
SatTrack_v42.lha	misc/sci	321K	207*A satellite tracking program	
SCAN.lha	misc/sci	393K	121*Controller for receiver FRG-8800, database	↔
for Sho				
SCAN8800.lha	misc/sci	567K	51*Controller for receiver FRG-8800, database	↔
for Sho				
SCAN8800.lha	misc/sci	648K	170*Controller for FRG-8800, database for Short	↔
-Wave-L				
SCAN_881.lha	misc/sci	161K	51*Controller for receiver FRG-8800, database	↔
for Sho				
SCAN_881.lha	misc/sci	146K	86*Controller for receiver FRG-8800, database	↔
for Sho				
SCAN_881.lha	misc/sci	140K	121*Controller for receiver FRG-8800, database	↔
for Sho				
SCAN_T.lha	misc/sci	139K	121*Controller for receiver FRG-8800, database	↔
for Sho				
SCAN_T.lha	misc/sci	161K	51*Controller for receiver FRG-8800, database	↔
for Sho				
SCAN_T.lha	misc/sci	146K	86*Controller for receiver FRG-8800, database	↔
for Sho				
SCAN_T40.lha	misc/sci	160K	51*Controller for receiver FRG-8800, database	↔
for Sho				
SCAN_T40.lha	misc/sci	146K	86*Controller for receiver FRG-8800, database	↔
for Sho				
SCAN_T40.lha	misc/sci	140K	121*Controller for receiver FRG-8800, database	↔
for Sho				
SchematicAD.lzh	misc/sci	82K	96*Version 1.7 of this Superb Electronic	↔
Design Tool.				
ScienceDemos.lha	misc/sci	15K	584*Some science demos.	
SciSubr.lha	misc/sci	467K	537*DECUS Scientific Subroutine Package.	
secage.lha	misc/sci	28K	12*Display age in seconds/Date calculation	
secant.lzh	misc/sci	31K	243*Amiga scientific calculator util.	
SeqGen.lha	misc/sci	78K	84*Peptide sequence editor. V1.1	
SeqGen.lha	misc/sci	54K	127*Peptide sequence editor/generator 1.0	
Sicehi_10.lha	misc/sci	81K	55*Hydroelectric power plant simulator	
Sisys000.lha	misc/sci	105K	226*z-funct plotter 68000bin (need Common)	
Sisys020.lha	misc/sci	106K	226*z-funct plotter 68020bin (need Common)	
SisysCom.lha	misc/sci	64K	226*z-funct plotter - Common files required	
SisysExm.lha	misc/sci	409K	226*z-funct plotter - Exemples (need Common)	
SnipDemo.lha	misc/sci	63K	492*Demo of signal processing program. V1.23	
SolarSystem.lha	misc/sci	43K	129*Shows the orbits of planets, sats and	↔
comets (v1.0				

Solomite.lha	misc/sci	34K	86*Planet and Sun rise and set calculation	
SpAn_v15.lha	misc/sci	23K	135*SpAn v1.5 is a little spectrum analyzer	
Splines.lha	misc/sci	44K	196*SAS/C 6.5x port of spline program. V1.1	
spontimag10.lha	misc/sci	67K	98*Simple Sim. of magnetization. V1.0	
srt101.lha	misc/sci	101K	187*Relativity_Theory.guide V1.0.1, German	
StarChart.lha	misc/sci	169K	518*Intuition based star information program.	↔
V1.2				
StarCollapse.lha	misc/sci	28K	146*Gravitational collapse of a star cluster	
Statistics.lha	misc/sci	69K	32*Statistical Analysis Software	
Statistics.lha	misc/sci	66K	70*Statistical Analysis Software	
statistics.lha	misc/sci	77K	17*Statistical Analysis Software	
Statistics.lha	misc/sci	51K	100*Statistical Analysis Software	
SunCalc.lha	misc/sci	36K	29*Sunrise/Sunset Calculator	
SunCalc.lha	misc/sci	40K	26*Sunrise/Sunset Calculator	
SunCalc.lha	misc/sci	17K	36*Shell based Sunrise/Sunset Calculator	
suncalc_rexx.lha	misc/sci	5K	32*SunCalc.rexx v1.02 for use with SunCalc	
SynWorksDemAGA.lha	misc/sci	269K	255*Neural networks tool	
S_PSPatch.lha	misc/sci	9K	119*Spice PostScript Patch by Starwave	
TheWeb.lha	misc/sci	181K	315*Data Acq. & Processing - Graphic-diagram.	↔
V1.1				
tierraAmiga.lha	misc/sci	374K	12*Alife simulator Tierra V5.0 by Tom Ray	
Troepfel.lha	misc/sci	38K	137*Calc. of Pi and e to many digits (V1.01)	
units_1_0.lha	misc/sci	32K	213*Convert among many units (UNIX 'units')	
until.lha	misc/sci	145K	78*Graphics editor	
until_040.lha	misc/sci	144K	78*Graphics editor	
until_doc.lha	misc/sci	62K	78*Graphics editor	
until_fpu.lha	misc/sci	144K	78*Graphics editor	
until_lib.lha	misc/sci	12K	78*Graphics editor	
util.lha	misc/sci	52K	78*ChipMunk Package - additional tools	
util_fpu.lha	misc/sci	49K	78*ChipMunk Package - additional tools	
view.lha	misc/sci	227K	78*Data manipulation and plotting tool	
view_040.lha	misc/sci	230K	78*Data manipulation and plotting tool	
view_doc.lha	misc/sci	223K	78*Data manipulation and plotting tool	
view_fpu.lha	misc/sci	229K	78*Data manipulation and plotting tool	
view_lib.lha	misc/sci	28K	78*Data manipulation and plotting tool	
VWorlds21.lha	misc/sci	1.2M	120*Images of sky from any planet or comet.	
VWorlds30.lha	misc/sci	2.2M	43*Images of sky from any planet or comet.	
WCLOCK.lha	misc/sci	22K	222*Useful clock utility for OMs	
Widerstand1_0.lha	misc/sci	21K	185*Resistor values from color codes	
wol_040.lha	misc/sci	186K	78*IC layout tool	
wol_bin.lha	misc/sci	188K	78*IC layout tool	
wol_doc.lha	misc/sci	240K	78*IC layout tool	
wol_fpu.lha	misc/sci	185K	78*IC layout tool	
xmgr20_docs.lha	misc/sci	325K	170*ACE/gr graphics for exploratory data	↔
analysis 020+				
xmgr23.lha	misc/sci	394K	160*ACE/gr graphics for exploratory data	↔
analysis 020+				
xmgr24c.lha	misc/sci	413K	137*ACE/gr graphics for exploratory data	↔
analysis 020+				
xmgr24_docs.lha	misc/sci	228K	139*Docs for ACE/gr graphics for exploratory	↔
data anal				
xmgr24_example.lha	misc/sci	275K	139*Examples for ACE/gr graphics for	↔
exploratory data				
xmgr_020.lha	misc/sci	433K	63*ACE/gr graphics for exploratory data	↔
analysis 020+				
xmgr_040.lha	misc/sci	418K	63*ACE/gr graphics for exploratory data	↔
analysis 040+				

xspringies2.lha misc/sci 125K 175*Xspringies - a mass and spring simulation ↔
system.