

AminetPart

COLLABORATORS

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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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	17*	Small life-simulator
7plus20.lha	misc/sci	53K	71*	An intelligent ASCII to binary encoder
abacus048.lha	misc/sci	91K	84*	ABaCUS 0.48 for AMIGA
Aces_Emu.lha	misc/sci	251K	45*	An Analog Computer/Simulator for the Amiga.
afstat10.lha	misc/sci	126K	83*	Amiga Multivariate Statistical Analysis.
AiPS.lha	misc/sci	881K	67*	Image Processing package. FFT Processing
AiPSbin030FPU.lha	misc/sci	328K	67*	030+881 bin for AiPS.
ami2d_2_0.lha 2.00)	misc/sci	438K	107*	2D Finite Element modeler and solvers (VER ↔
Amicom21.lha	misc/sci	196K	125*	THE BEST AX25 packet radio program !
AmicomFR.lha	misc/sci	38K	83*	French translation of Amicom docs
amicomit.lha	misc/sci	54K	116*	Italian translation of Amicom docs
Amicom_21a.lha	misc/sci	197K	98*	THE BEST AX25 packet radio program !
AmiGazer.lha .0	misc/sci	47K	240*	Compute a view of the night sky & more. V3 ↔
AquaSim1_0.lha it!	misc/sci	281K	74*	3D Aquarium Simulator (Uses MUI2.0). Check ↔
AREgress20.lha	misc/sci	30K	171*	Makes regression and prints diagramms
astrolog.lha	misc/sci	130K	198*	Amiga port of 'astrolog' with graphics.
Automata.lha	misc/sci	112K	284*	Versatile cellular automaton simulation
Berechnformeln.lha	misc/sci	14K	39*	Lots of math. formulas of every kind.
Brownian.lha	misc/sci	7K	390*	Fractal theory and brownian motion demo.
CDB.lha	misc/sci	40K	5	IDEA TEAM - Chemistry Database V1.02
CDB.lha	misc/sci	36K	12*	IDEA TEAM - Chemistry Database V1.01
ChemBalance.lha	misc/sci	23K	114*	Balance chemical equations. V3.0
Chemesthetics.lha	misc/sci	536K	220*	Draws molecules
ChemniMaTe.lha .8	misc/sci	65K	265*	Makes animations of chemical reactions. V0 ↔
Chimica.lha	misc/sci	90K	6	Chemistry; what a student need (Italian)
CoGo.lha	misc/sci	60K	217*	Engineering/surveying program. V1.0
CP101A.lha	misc/sci	108K	83*	Attempts to diagnose illness & injury
cp43.lha	misc/sci	96K	115*	Scientific dataploting and analysis program
cpk_26.lha	misc/sci	553K	84*	AGA & Picasso compatible molecular renderer

CyclicSpace.lha .42	misc/sci	16K	365*Griffeathian cyclic space generator pgm. V1 ↔
Cycloids.lha	misc/sci	31K	510*Electronic spirograph program.
Deduce122.lha	misc/sci	57K	79*A deductive reasoning AI program
DER_PROZESS.lha	misc/sci	154K	81*Energieanlagenplaner, german only
DER_PROZESS.lha engine	misc/sci	201K	10*A programme for industrial pipe and process ↔
Doroty_1_1.lha	misc/sci	90K	15*Calculates isostatic frames - civ. eng.
dproc128.lha .264	misc/sci	208K	180*Mathematical dataprocessor - update to v1 ↔
DynamicSkies.lha	misc/sci	270K	143*Astronomy toolbox
Electrics_1_0.lha	misc/sci	160K	48*Digital circuit designer, version 1.0
ElectroCAD.lha	misc/sci	178K	70*Electronic CAD Package
elements.lha	misc/sci	53K	231*Interactive Table of Elements
eliza.lha	misc/sci	28K	59*A classic AI therapist
Ephemer.lha	misc/sci	58K	284*Calculate positions of sun/moon/planets
Ephem_bin.lha	misc/sci	104K	209*Astronomical software, binaries
Ephem_src.lha	misc/sci	127K	218*Astronomical software, binaries
epi_sim.lha prey rel	misc/sci	17K	30*Epi-Sim V1.5 Simulates biological robber- ↔
evoluzione.lha	misc/sci	10K	8*A microbical population on your screen
FaseLuna12.lha	misc/sci	129K	7*V1.2 Update. .exe & .doc only.
FaseLuna13.lha	misc/sci	187K	4 V1.3 bugs fix. Planets/Houses Astrology
Filters.lha	misc/sci	15K	143*GUI based RC filter design program. V1.2
FIRDesign.lha	misc/sci	96K	65*FIR Filter Designer V1.00
FIRDesign.lha	misc/sci	121K	13*FIR Filter Designer V1.2
firdesign.lha	misc/sci	103K	25*FIR Filter Designer V1.1
fuzzcont.lha	misc/sci	85K	10*Fuzzy Control Simulation
GalactCollisio.lha colliding	misc/sci	65K	75*Galaxy generates anim of 2 galaxies ↔
gfft_1_12.lha	misc/sci	296K	111*FFT spectrum analysis of sample files
Gleichung.lha 2.04 or	misc/sci	28K	167*A program to solve linear equations. Needs ↔
GraviSimu11.lha MUI	misc/sci	76K	120*Excellent Gravity Simulation Package with ↔
Graviton.lha	misc/sci	274K	20*Potential Distribution Displayer, AGA
Gravity.lha .0	misc/sci	21K	303*Simulates astronomical object movements. V1 ↔
Gravity_Well.lha	misc/sci	39K	370*Celestial motion simulator, up to 20 obj
GravSim.lha	misc/sci	31K	382*Animate up to 6 planetary masses. V1.50
gridloc.lha	misc/sci	48K	111*(AMOS) Amateur Radio grid square calc
Hypocycloids.lha	misc/sci	31K	486*Electronic spirograph program.
LanguageTeachr.lha	misc/sci	141K	17*Vokabeltrainer
LDI.lha	misc/sci	12K	44*Helps you to have lucid dreams. V1.10
LDI.lha	misc/sci	8K	84*Helps you to have lucid dreams. V1.08
LIPv1_4.lha lucid d	misc/sci	70K	84*Uses audio suggestion to attempt to induce ↔
lipv1_5.lha induce	misc/sci	70K	5 Program for using audio suggestion to help ↔
LogEv10.lha	misc/sci	53K	172*cmd-line simulation of logic circuits
LogicShop_v1_1.lha intuition in	misc/sci	13K	172*Build and test logic circuits with an ↔
LogicSim10_Spa.lha	misc/sci	3K	21*Spanish catalog for Logic Simulator v1.0
LogicSim11.lha	misc/sci	213K	19*Logic circuit simulator v1.1
LogicSim_Dan.lha	misc/sci	3K	15*Danish catalog for LogicSim 1.1
LogicSm.lha	misc/sci	196K	30*Logic circuit simulator with GUI

LogicSm_Swe.lha	misc/sci	5K	25*Swedish catalog for LogicSimulator (ver. 1.0)	↔
lpdemo101.lha	misc/sci	39K	201*Digital Logic Circuit Simulator	
messlabor.lha	misc/sci	44K	67*Plots x/y Datas, now with little EPS-Support	↔
messlaborV1_2.lha	misc/sci	82K	54*Analyse and plot datas with EPS-Support	
MLSV1_7.lha	misc/sci	28K	93*Performs Least Squares fit on Data	
MN3A.lha	misc/sci	57K	98*An antenna design program. V1.2	
MoleWt.lha	misc/sci	23K	287*Molecular weight calculator. V1.01	
MoPac5.lha	misc/sci	1.7M	11*Semi-empirical molecular orbital package	
MRAINER.lha	misc/sci	143K	124*Advanced Morse Tutor. OS 2.0+ required	
mtrainer13.lha	misc/sci	166K	77*Tutorial for learning Morse code	
multiplot.lzh	misc/sci	329K	166*Version XLNf v1.06 of scientific data plotter	↔
NeuralNet.lha	misc/sci	11K	374*Example of Neural Net programming.	
Neural_Nets.lha	misc/sci	24K	420*Neural network example.	
Neuro.lha	misc/sci	75K	250*Neural network simulator. V1.0	
NeuronalNets.lha	misc/sci	61K	346*Neuronal Nets with Hopfield/Hamming alg.	
nnn.lha	misc/sci	81K	59*Nnn backpropagation neural network v1.35	
OPlotV1_99b.lha	misc/sci	339K	120*The Amiga-2D-Plot-Program (replaces V1.99)	
Oscillograph.lha	misc/sci	49K	176*Emulation of an oscillograph, V2.0	
p2ag.lha	misc/sci	7K	85*'Prositate' to AmigaGuide converter.	
PCBTool.lha	misc/sci	57K	420*PC board layout program. V2.6	
Planetarium.lha	misc/sci	58K	173*Astronomy. Planet animations. V1.0	
Plot6.lha	misc/sci	105K	485*A star plotting program.	
Pl_2_50.lha	misc/sci	962K	57*Freeware planetarium; lots of features	
Pl_2_51.lha	misc/sci	1.1M	45*Planetarium simulation; Vers. 2.51	
Predator.lha	misc/sci	517K	7 Protein secondary structure prediction	
PRIME.lha	misc/sci	13K	147*Calculates prime numbers, fast.	
prosite.lha	misc/sci	833K	84*Protein families database. Amigaguide hypertext.	↔
prosite.lha	misc/sci	621K	30*Prosite.doc database V13.0	
PSB.lha	misc/sci	25K	17*IDEA TEAM - Prosite Browser V1.04	
PSB.lha	misc/sci	22K	30*Prosite Browser V1.00	
PSB.lha	misc/sci	28K	2 IDEA TEAM - Prosite Browser V1.09	
PSB.lha	misc/sci	26K	12*IDEA TEAM - Prosite Browser V1.07	
pse.lha	misc/sci	31K	25*Periodensystem der Elemente, germ. Guidefile	↔
PSE_12.lha	misc/sci	145K	9*Periodic table of the elements in germ., french, e	↔
r4utils.lha	misc/sci	452K	70*Restore R4 images with Lucy-Richardson	
RARSAmi_2lite.lha	misc/sci	55K	79*RARS_Amiga for 020+ and no fpu	
RARS_Amiga_3.lha	misc/sci	249K	73*Robot Auto Racing Simulation	
Regression.lha	misc/sci	1K	78*Extension to TurboCalc V2.0	
RexxPlPlot.lha	misc/sci	423K	353*Lib of C funcs for scientific plotting. V0 .3	↔
R_MORSE1_1.lha	misc/sci	16K	126*A Morse tutor, works on any Amiga	
R_WEFAX1_1.lha	misc/sci	164K	126*A WeFAX RX. TNC, OS2.0+, 1M CHIP req.	
SatTrack_v42.lha	misc/sci	321K	109*A satellite tracking program	
SCAN.lha	misc/sci	393K	23*Controller for receiver FRG-8800, database for Sho	↔
SCAN8800.lha	misc/sci	648K	72*Controller for FRG-8800, database for Short -Wave-L	↔
SCAN_881.lha	misc/sci	140K	23*Controller for receiver FRG-8800, database for Sho	↔
SCAN_T.lha	misc/sci	139K	23*Controller for receiver FRG-8800, database for Sho	↔

SCAN_T40.lha for Sho	misc/sci	140K	23*Controller for receiver FRG-8800, database	↔
ScienceDemos.lha	misc/sci	15K	486*Some science demos.	
SciSubr.lha	misc/sci	467K	439*DECUS Scientific Subroutine Package.	
secant.lzh	misc/sci	31K	145*Amiga scientific calculator util.	
SeqGen.lha	misc/sci	54K	29*Peptide sequence editor/generator 1.0	
Sisys000.lha	misc/sci	105K	129*z-funct plotter 68000bin (need Common)	
Sisys020.lha	misc/sci	106K	129*z-funct plotter 68020bin (need Common)	
SisysCom.lha	misc/sci	64K	129*z-funct plotter - Common files required	
SisysExm.lha	misc/sci	409K	129*z-funct plotter - Exemples (need Common)	
SnipDemo.lha	misc/sci	63K	394*Demo of signal processing program. V1.23	
SolarSystem.lha comets (v1.0)	misc/sci	43K	32*Shows the orbits of planets, sats and	↔
SpAn_v15.lha	misc/sci	23K	37*SpAn v1.5 is a little spectrum analyzer	
Splines.lha	misc/sci	44K	98*SAS/C 6.5x port of spline program. V1.1	
srt101.lha	misc/sci	101K	89*Relativity_Theory.guide V1.0.1, German	
StarChart.lha V1.2	misc/sci	169K	420*Intuition based star information program.	↔
StarCollapse.lha	misc/sci	28K	49*Gravitational collapse of a star cluster	
Statistics.lha	misc/sci	51K	2 Statistical Analysis Software	
SynWorksDemAGA.lha	misc/sci	269K	157*Neural networks tool	
S_PSPatch.lha	misc/sci	9K	21*Spice PostScript Patch by Starwave	
TheWeb.lha V1.1	misc/sci	181K	217*Data Acq. & Processing - Graphic-diagram.	↔
Troepfel.lha	misc/sci	38K	40*Calc. of Pi and e to many digits (V1.01)	
units_1_0.lha	misc/sci	32K	115*Convert among many units (UNIX 'units')	
VWorlds21.lha	misc/sci	1.2M	22*Images of sky from any planet or comet.	
WCLOCK.lha	misc/sci	22K	124*Useful clock utility for OMs	
Widerstand1_0.lha	misc/sci	21K	87*Resistor values from color codes	
xmgr20_docs.lha analysis 020+	misc/sci	325K	73*ACE/gr graphics for exploratory data	↔
xmgr23.lha analysis 020+	misc/sci	394K	62*ACE/gr graphics for exploratory data	↔
xmgr24c.lha analysis 020+	misc/sci	413K	40*ACE/gr graphics for exploratory data	↔
xmgr24_docs.lha data anal	misc/sci	228K	41*Docs for ACE/gr graphics for exploratory	↔
xmgr24_example.lha exploratory data	misc/sci	275K	41*Examples for ACE/gr graphics for	↔
xspringies2.lha system.	misc/sci	125K	77*Xspringies - a mass and spring simulation	↔