AminetPart

COLLABORATORS

	TITLE : AminetPart		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		August 7, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

AminetPart

1.1 Scientific software

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

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File               Dir        Size Age Description
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2b_Life09.lha      misc/sci    11K  82*Small life-simulator
7plus20.lha        misc/sci    53K 135*An intelligent ASCII to binary encoder
abacus048.lha      misc/sci    91K 149*ABaCUS 0.48 for AMIGA
Aces_Emu.lha       misc/sci   251K 109*An Analog Computer/Simulator for the Amiga.
afstat10.lha       misc/sci   126K 147*Amiga Multivariate Statistical Analysis.
AiPS.lha           misc/sci   881K 131*Image Processing package. FFT Processing
AiPSbin030FPU.lha  misc/sci   328K 131*030+881 bin for AiPS.
ami2d_2_0.lha      misc/sci   438K 172*2D Finite Element modeler and solvers (VER ←
   2.00)
Amicom21.lha       misc/sci   196K 189*THE BEST AX25 packet radio program !
AmicomFR.lha       misc/sci    38K 147*French translation of Amicom docs
amicomit.lha       misc/sci    54K 180*Italian translation of Amicom docs
Amicom_21a.lha     misc/sci   197K 163*THE BEST AX25 packet radio program !
AmiGazer.lha       misc/sci    47K 304*Compute a view of the night sky & more. V3 ←
   .0
AquaSim1_0.lha     misc/sci   281K 138*3D Aquarium Simulator (Uses MUI2.0). Check ←
   it!
ARegress20.lha     misc/sci    30K 236*Makes regression and prints diagramms
astrolog.lha       misc/sci   130K 262*Amiga port of 'astrolog' with graphics.
Automata.lha       misc/sci   112K 348*Versatile cellular automaton simulation
Berechnformeln.lha misc/sci    14K 103*Lots of math. formulas of every kind.
Brownian.lha       misc/sci     7K 454*Fractal theory and brownian motion demo.
CDB.lha            misc/sci    40K  70*IDEA TEAM - Chemistry Database V1.02
CDBguide_esp.lha   misc/sci    10K  53*Spanish translation of CDB.guide V1.02
CDB_105.lha        misc/sci   176K  34*IDEA TEAM - Chemistry Database V1.05 - BUG ←
   FIX
CDB_106.lha        misc/sci   179K   5 IDEA TEAM - Chemistry Database V1.06 ( ←
   localized)
ChemBalance.lha    misc/sci    23K 178*Balance chemical equations. V3.0
Chemesthetics.lha  misc/sci   536K 284*Draws molecules
chemie_pse121.lha  misc/sci   105K  43*Periodic table of the elements in german in ←
   HTML
ChemniMaTe.lha     misc/sci    65K 329*Makes animations of chemical reactions. V0 ←
   .8
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Chimica.lha          misc/sci    90K  71*Chemistry; what a student need (Italian)
Chimica.lha          misc/sci    32K  35*Chemistry; what a student need (Italian)
chimicad.lha         misc/sci   297K  42*Chemical CAD program(2D bitmap) V1_14
chimicad.lha         misc/sci   202K  22*Chemical 2D drawing program (V1.24)
chimicad.lha         misc/sci   242K  32*Chemical CAD program(2D bitmap) V1_19
ChipMnk_lib.lha      misc/sci    50K  44*ChipMunk Package - Electronic circuits  ←
    tools
ChipMunkWebDoc.lha misc/sci    194K  44*ChipMunk Package - Documentation in HTML  ←
    format
clustalv.lha         misc/sci   210K  27*ClustalV DNA/protein sequence alignment
CoGo.lha             misc/sci    60K 282*Engineering/surveying program. V1.0
CP101A.lha           misc/sci   108K 147*Attempts to diagnose illness & injury
cp43.lha             misc/sci    96K 179*Scientific dataploting and analysis program
cpk_26.lha           misc/sci   553K 148*AGA & Picasso compatible molecular renderer
CyclicSpace.lha      misc/sci    16K 429*Griffeathian cyclic space generator pgm. V1  ←
    .42
Cycloids.lha         misc/sci    31K 574*Electronic spirograph program.
DAlmanac_Data.lha misc/sci     5.5M   4 Datas for Digital Almanac (V39.5)
DAlmanac_Exe.lha     misc/sci   408K  12*Great Astronomical Program (V39.5)
DAlmana_Data.lha     misc/sci   5.3M  13*Datas for Digital Almanac
DAlmana_Exe.lha      misc/sci   366K   4 Great Astronomical Program (V39.9)
Deduce122.lha        misc/sci    57K 143*A deductive reasoning AI program
DER_PROZESS.lha      misc/sci   201K  75*A programme for industrial pipe and process ←
    engine
DER_PROZESS.lha      misc/sci   154K 146*Energieanlagenplaner, german only
DigitalAlmanac.lha misc/sci     4.6M  20*Great Astronomical Program
Doroty_1_1.lha       misc/sci    90K  80*Calculates isostatic frames - civ. eng.
dproc128.lha         misc/sci   208K 244*Mathematical dataprocessor - update to v1 ←
    .264
DynamicSkies.lha     misc/sci   270K 207*Astronomy toolbox
E12.lha              misc/sci    13K   9 Best match a resistance with the E12 series
EBrushes_10.lha      misc/sci    25K  24*Brushes for Electronic circuit design
Electrics_1_0.lha misc/sci     160K 112*Digital circuit designer, version 1.0
ElectroCAD.lha       misc/sci   178K 134*Electronic CAD Package
elements.lha         misc/sci    53K 295*Interactive Table of Elements
eliza.lha            misc/sci    28K 123*A classic AI therapist
EltronSch.lha        misc/sci   261K  62*Professional Electronic Schematic Capture  ←
    Symbols
Ephemer.lha          misc/sci    58K 348*Calculate positions of sun/moon/planets
Ephem_bin.lha        misc/sci   104K 273*Astronomical software, binaries
Ephem_src.lha        misc/sci   127K 282*Astronomical software, binaries
epi_sim.lha          misc/sci    19K  60*V1.6 Simulates robber prey relations
epi_sim.lha          misc/sci    17K  95*Epi-Sim V1.5 Simulates bilological robber- ←
    prey rel
evoluzione.lha       misc/sci    10K  72*A microbical population on your screen
FaseLuna13.lha       misc/sci   187K  69*V1.3 bugs fix. Planets/Houses Astrology
fields.lha           misc/sci    23K  60*V1.0 Simulates movement in E- B- or Grav  ←
    Fields
Filters.lha          misc/sci    15K 207*GUI based RC filter design program. V1.2
FIRDesign.lha        misc/sci    96K 129*FIR Filter Designer V1.00
FIRDesign.lha        misc/sci   121K  77*FIR Filter Designer V1.2
firdesign.lha        misc/sci   103K  89*FIR Filter Designer V1.1
fuzzcont.lha         misc/sci    85K  74*Fuzzy Control Simulation
GalactCollisio.lha misc/sci      65K 139*Galaxy generates anim of 2 galaxies  ←
    colliding
gfft_1_12.lha        misc/sci   296K 175*FFT spectrum analysis of sample files
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Gleichung.lha        misc/sci    28K 231*A program to solve linear equations. Needs  ←
    2.04 or
graph306.lha         misc/sci   130K  40*Graphwrite3.06 PD Graphing calc&fitting
GraviSimu11.lha      misc/sci    76K 184*Excellent Gravity Simulation Package with  ←
    MUI
Graviton.lha         misc/sci   274K  85*Potential Distribution Displayer, AGA
Gravity.lha          misc/sci    21K 367*Simulates astronomical object movements. V1 ←
    .0
Gravity_Well.lha     misc/sci    39K 434*Celestial motion simulator, up to 20 obj
GravSim.lha          misc/sci    31K 446*Animate up to 6 planetary masses. V1.50
gridloc.lha          misc/sci    48K 175*(AMOS) Amateur Radio grid square calc
Hypocycloids.lha     misc/sci    31K 550*Electronic spirograph program.
LanguageTeachr.lha   misc/sci   141K  81*Vokabeltrainer
LDI.lha              misc/sci    12K 108*Helps you to have lucid dreams. V1.10
LDI.lha              misc/sci     8K 148*Helps you to have lucid dreams. V1.08
life.lha             misc/sci     1K  39*Small but big life simulator!
LIPv1_4.lha          misc/sci    70K 148*Uses audio suggestion to attempt to induce  ←
    lucid d
lipv1_5.lha          misc/sci    70K  88*Program for using audio suggestion to help  ←
    induce
LogEv10.lha          misc/sci    53K 236*cmd-line simulation of logic circuits
LogicShop_v1_1.lha   misc/sci    13K 236*Build and test logic circuits with an  ←
    intuition in
LogicSim10_Spa.lha   misc/sci     3K  85*Spanish catalog for Logic Simulator v1.0
LogicSim11.lha       misc/sci   213K  83*Logic circuit simulator v1.1
LogicSm.lha          misc/sci   196K  94*Logic circuit simulator with GUI
LogicSmDan.lha       misc/sci     3K  79*Danish catalog for LogicSim 1.1
LogicSmSpa.lha       misc/sci     3K  63*Spanish catalog for LogicSim 1.1x
LogicSm_Swe.lha      misc/sci     5K  89*Swedish catalog for LogicSimulator (ver.  ←
    1.0)
log_040.lha          misc/sci   709K  44*Digital/Analog circuit simulator with  ←
    schematic ed
log_bin.lha          misc/sci   797K  44*Digital/Analog circuit simulator with  ←
    schematic ed
log_doc.lha          misc/sci   352K  44*Digital/Analog circuit simulator with  ←
    schematic ed
log_fpu.lha          misc/sci   705K  44*Digital/Analog circuit simulator with  ←
    schematic ed
log_lib.lha          misc/sci   108K  44*Digital/Analog circuit simulator with  ←
    schematic ed
lpdemo101.lha        misc/sci    39K 265*Digital Logic Circuit Simulator
maschcal.lha         misc/sci    34K  13*Small program for mech. engineers (german)
messlabor.lha        misc/sci    44K 132*Plots x/y Datas, now with little EPS- ←
    Support
messlaborV1_2.lha    misc/sci    82K 118*Analyse and plot datas with EPS-Support
MLSv1_7.lha          misc/sci    28K 158*Performs Least Squares fit on Data
MN3A.lha             misc/sci    57K 162*An antenna design program. V1.2
MoleWt.lha           misc/sci    23K 352*Molecular weight calculator. V1.01
MoPac5.lha           misc/sci   1.7M  76*Semi-empirical molecular orbital package
MTRAINER.lha         misc/sci   143K 189*Advanced Morse Tutor. OS 2.0+ required
mtrainer13.lha       misc/sci   166K 141*Tutorial for learning Morse code
multiplot.lzh        misc/sci   329K 230*Version XLNf v1.06 of scientific data  ←
    plotter
NeuralNet.lha        misc/sci    11K 438*Example of Neural Net programming.
Neural_Nets.lha      misc/sci    24K 484*Neural network example.
Neuro.lha            misc/sci    75K 314*Neural network simulator. V1.0
NeuronalNets.lha     misc/sci    61K 410*Neuronal Nets with Hopfield/Hamming alg.
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nnn.lha                misc/sci    81K 123*Nnn backpropagation neural network v1.35
OPlotV1_99b.lha        misc/sci   339K 184*The Amiga-2D-Plot-Program (replaces V1.99)
Oscillograph.lha       misc/sci    49K 241*Emulation of an oscillograph, V2.0
p2ag.lha               misc/sci     7K 149*'Prosite' to AmigaGuide converter.
pcbdesigner.lha        misc/sci    61K  28*Tool for PCB designing - BLABLA PRODUCT
PCBTool.lha            misc/sci    57K 484*PC board layout program. V2.6
PetitChimiste.lha      misc/sci    95K  41*A 3D presentation tool for chemical  ←
    molecules
physics.lha            misc/sci   319K  35*Interactive educational demo *5DSoftware*
PINQ.lha               misc/sci   161K  64*If you eat then you need this program.
Planetarium.lha        misc/sci    58K 237*Astronomy. Planet animations. V1.0
Plot6.lha              misc/sci   105K 549*A star plotting program.
Pl_2_50.lha            misc/sci   962K 121*Freeware planetarium; lots of features
Pl_2_51.lha            misc/sci   1.1M 110*Planetarium simulation; Vers. 2.51
pl_3_0.lha             misc/sci   643K  56*Planetarium simulation; Vers. 3.0
pl_pix.lha             misc/sci   618K  56*Additional pictures for Planetarium 3.0
Predator.lha           misc/sci   517K  71*Protein secondary structure prediction
PRIME.lha              misc/sci    13K 212*Calculates prime numbers, fast.
prosite.lha            misc/sci   621K  94*Prosite.doc database V13.0
prosite.lha            misc/sci   833K 149*Protein families database. Amigaguide  ←
    hypertext.
PSB.lha                misc/sci    28K  66*IDEA TEAM - Prosite Browser V1.09
PSB.lha                misc/sci    22K  94*Prosite Browser V1.00
PSBguide_esp.lha       misc/sci     8K  54*Spanish translation of PSB.guide V1.09
PSB_110.lha            misc/sci    28K  46*IDEA TEAM - Prosite Browser V1.10
PSB_111.lha            misc/sci    35K   4 IDEA TEAM - Prosite Browser V1.11 (now  ←
    localized)
pse.lha                misc/sci    31K  89*Periodensystem der Elemente, germ.  ←
    Guidefile
PSE_12.lha             misc/sci   145K  74*Periodic table of the elements in germ.,  ←
    french, e
pulito.lha             misc/sci   125K  64*To solve linear programming problems(Ita/ ←
    Eng)
Quine1_0.lha           misc/sci    11K  35*Quine McCluskey function resolver (MUI)
r4utils.lha            misc/sci   452K 134*Restore R4 images with Lucy-Richardson
RARSAmi_2lite.lha      misc/sci    55K 144*RARS_Amiga for 020+ and no fpu
RARS_Amiga_3.lha       misc/sci   249K 137*Robot Auto Racing Simulation
Regression.lha         misc/sci     1K 142*Extension to TurboCalc V2.0
RexxPlPlot.lha         misc/sci   423K 417*Lib of C funcs for scientific plotting. V0 ←
    .3
R_MORSE1_1.lha         misc/sci    16K 190*A Morse tutor, works on any Amiga
R_WEFAX1_1.lha         misc/sci   164K 190*A WeFAX RX. TNC, OS2.0+, 1M CHIP req.
satelit12.lha          misc/sci    23K  22*Satellite Finder for TV
SatTrack_v42.lha       misc/sci   321K 174*A satellite tracking program
SCAN.lha               misc/sci   393K  87*Controller for receiver FRG-8800, database ←
    for Sho
SCAN8800.lha           misc/sci   567K  17*Controller for receiver FRG-8800, database ←
    for Sho
SCAN8800.lha           misc/sci   648K 136*Controller for FRG-8800, database for Short ←
    -Wave-L
SCAN_881.lha           misc/sci   161K  17*Controller for receiver FRG-8800, database ←
    for Sho
SCAN_881.lha           misc/sci   140K  87*Controller for receiver FRG-8800, database ←
    for Sho
SCAN_881.lha           misc/sci   146K  52*Controller for receiver FRG-8800, database ←
    for Sho
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SCAN_T.lha           misc/sci   161K  17*Controller for receiver FRG-8800, database  ←
    for Sho
SCAN_T.lha           misc/sci   146K  52*Controller for receiver FRG-8800, database  ←
    for Sho
SCAN_T.lha           misc/sci   139K  87*Controller for receiver FRG-8800, database  ←
    for Sho
SCAN_T40.lha         misc/sci   160K  17*Controller for receiver FRG-8800, database  ←
    for Sho
SCAN_T40.lha         misc/sci   146K  52*Controller for receiver FRG-8800, database  ←
    for Sho
SCAN_T40.lha         misc/sci   140K  87*Controller for receiver FRG-8800, database  ←
    for Sho
SchematiCAD.lzh      misc/sci    82K  62*Version 1.7 of this Superb Electronic  ←
    Design Tool.
ScienceDemos.lha     misc/sci    15K 550*Some science demos.
SciSubr.lha          misc/sci   467K 503*DECUS Scientific Subroutine Package.
secant.lzh           misc/sci    31K 210*Amiga scientific calculator util.
SeqGen.lha           misc/sci    54K  93*Peptide sequence editor/generator 1.0
SeqGen.lha           misc/sci    78K  50*Peptide sequence editor. V1.1
Sicehi_10.lha        misc/sci    81K  22*Hidroelectric power plant simulator
Sisys000.lha         misc/sci   105K 193*z-funct plotter 68000bin (need Common)
Sisys020.lha         misc/sci   106K 193*z-funct plotter 68020bin (need Common)
SisysCom.lha         misc/sci    64K 193*z-funct plotter - Common files required
SisysExm.lha         misc/sci   409K 193*z-funct plotter - Exemples (need Common)
SnipDemo.lha         misc/sci    63K 458*Demo of signal processing program. V1.23
SolarSystem.lha      misc/sci    43K  96*Shows the orbits of planets, sats and  ←
    comets (v1.0
Solomite.lha         misc/sci    34K  52*Planet and Sun rise and set calculation
SpAn_v15.lha         misc/sci    23K 101*SpAn v1.5 is a little spectrum analyzer
Splines.lha          misc/sci    44K 162*SAS/C 6.5x port of spline program. V1.1
spontimag10.lha      misc/sci    67K  64*Simple Sim. of magnetization. V1.0
srt101.lha           misc/sci   101K 153*Relativity_Theory.guide V1.0.1, German
StarChart.lha        misc/sci   169K 484*Intuition based star information program.  ←
    V1.2
StarCollapse.lha     misc/sci    28K 113*Gravitational collapse of a star cluster
Statistics.lha       misc/sci    51K  66*Statistical Analysis Software
Statistics.lha       misc/sci    66K  37*Statistical Analysis Software
SunCalc.lha          misc/sci    17K   2 Shell based Sunrise/Sunset Calculator
SynWorksDemAGA.lha   misc/sci   269K 222*Neural networks tool
S_PSPatch.lha        misc/sci     9K  85*Spice PostScript Patch by Starwave
TheWeb.lha           misc/sci   181K 282*Data Acq. & Processing - Graphic-diagram.  ←
    V1.1
Troepfel.lha         misc/sci    38K 104*Calc. of Pi and e to many digits (V1.01)
units_1_0.lha        misc/sci    32K 179*Convert among many units (UNIX 'units')
until.lha            misc/sci   145K  44*Graphics editor
until_040.lha        misc/sci   144K  44*Graphics editor
until_doc.lha        misc/sci    62K  44*Graphics editor
until_fpu.lha        misc/sci   144K  44*Graphics editor
until_lib.lha        misc/sci    12K  44*Graphics editor
util.lha             misc/sci    52K  44*ChipMunk Package - additional tools
util_fpu.lha         misc/sci    49K  44*ChipMunk Package - additional tools
view.lha             misc/sci   227K  44*Data manipulation and plotting tool
view_040.lha         misc/sci   230K  44*Data manipulation and plotting tool
view_doc.lha         misc/sci   223K  44*Data manipulation and plotting tool
view_fpu.lha         misc/sci   229K  44*Data manipulation and plotting tool
view_lib.lha         misc/sci    28K  44*Data manipulation and plotting tool
VWorlds21.lha        misc/sci   1.2M  86*Images of sky from any planet or comet.
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VWorlds30.lha       misc/sci   2.2M   9 Images of sky from any planet or comet.
WCLOCK.lha          misc/sci    22K 189*Useful clock utility for OMs
Widerstand1_0.lha   misc/sci    21K 151*Resistor values from color codes
wol_040.lha         misc/sci   186K  44*IC layout tool
wol_bin.lha         misc/sci   188K  44*IC layout tool
wol_doc.lha         misc/sci   240K  44*IC layout tool
wol_fpu.lha         misc/sci   185K  44*IC layout tool
xmgr20_docs.lha     misc/sci   325K 137*ACE/gr graphics for exploratory data  ←
    analysis 020+
xmgr23.lha          misc/sci   394K 126*ACE/gr graphics for exploratory data  ←
    analysis 020+
xmgr24c.lha         misc/sci   413K 104*ACE/gr graphics for exploratory data  ←
    analysis 020+
xmgr24_docs.lha     misc/sci   228K 105*Docs for ACE/gr graphics for exploratory  ←
    data anal
xmgr24_example.lha misc/sci    275K 105*Examples for ACE/gr graphics for  ←
    exploratory data
xmgr_020.lha        misc/sci   433K  29*ACE/gr graphics for exploratory data  ←
    analysis 020+
xmgr_040.lha        misc/sci   418K  29*ACE/gr graphics for exploratory data  ←
    analysis 040+
xspringies2.lha     misc/sci   125K 141*Xspringies – a mass and spring simulation  ←
    system.
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