AminetPart

COLLABORATORS			
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	REVISION HISTORY		
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Contents

Chapter 1

AminetPart

1.1 Scientific software

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

File                Dir        Size Age Description
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7plus20.lha         misc/sci    53K  31*An intelligent ASCII to binary encoder
abacus048.lha       misc/sci    91K  45*ABaCUS 0.48 for AMIGA
Aces_Emu.lha        misc/sci   251K   5 An Analog Computer/Simulator for the Amiga.
afstat10.lha        misc/sci   126K  44*Amiga Multivariate Statistical Analysis.
AiPS.lha            misc/sci   881K  27*Image Processing package. FFT Processing
AiPSbin030FPU.lha   misc/sci   328K  27*030+881 bin for AiPS.
ami2d_2_0.lha       misc/sci   438K  68*2D Finite Element modeler and solvers (VER  ←
   2.00)
Amicom21.lha        misc/sci   196K  86*THE BEST AX25 packet radio program !
AmicomFR.lha        misc/sci    38K  44*French translation of Amicom docs
amicomit.lha        misc/sci    54K  76*Italian translation of Amicom docs
Amicom_21a.lha      misc/sci   197K  59*THE BEST AX25 packet radio program !
AmiGazer.lha        misc/sci    47K 201*Compute a view of the night sky & more. V3  ←
   .0
AquaSim1_0.lha      misc/sci   281K  35*3D Aquarium Simulator (Uses MUI2.0). Check  ←
   it!
ARegress20.lha      misc/sci    30K 132*Makes regression and prints diagramms
astrolog.lha        misc/sci   130K 158*Amiga port of 'astrolog' with graphics.
Automata.lha        misc/sci   112K 244*Versatile cellular automaton simulation
Brownian.lha        misc/sci     7K 350*Fractal theory and brownian motion demo.
ChemBalance.lha     misc/sci    23K  74*Balance chemical equations. V3.0
Chemesthetics.lha   misc/sci   536K 180*Draws molecules
ChemniMaTe.lha      misc/sci    65K 226*Makes animations of chemical reactions. V0  ←
   .8
CoGo.lha            misc/sci    60K 178*Engineering/surveying program. V1.0
CP101A.lha          misc/sci   108K  43*Attempts to diagnose illness & injury
cp43.lha            misc/sci    96K  76*Scientific dataploting and analysis program
cpk_26.lha          misc/sci   553K  44*AGA & Picasso compatible molecular renderer
CyclicSpace.lha     misc/sci    16K 326*Griffeathian cyclic space generator pgm. V1  ←
   .42
Cycloids.lha        misc/sci    31K 470*Electronic spirograph program.
Deduce122.lha       misc/sci    57K  39*A deductive reasoning AI program
DER_PROZESS.lha     misc/sci   154K  42*Energieanlagenplaner, german only
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dproc128.lha        misc/sci   208K 140*Mathematical dataprocessor - update to v1 ←
    .264
DynamicSkies.lha    misc/sci   270K 103*Astronomy toolbox
Electrics_1_0.lha   misc/sci   160K   8 Digital circuit designer, version 1.0
ElectroCAD.lha      misc/sci   178K  30*Electronic CAD Package
elements.lha        misc/sci    53K 192*Interactive Table of Elements
eliza.lha           misc/sci    28K  20*A classic AI therapist
Ephemer.lha         misc/sci    58K 245*Calculate positions of sun/moon/planets
Ephem_bin.lha       misc/sci   104K 169*Astronomical software, binaries
Ephem_src.lha       misc/sci   127K 178*Astronomical software, binaries
epi-sim.lha         misc/sci    16K  13*Epi-Sim V1.2 Simulates bilological robber- ←
    prey rel
Filters.lha         misc/sci    15K 103*GUI based RC filter design program. V1.2
FIRDesign.lha       misc/sci    96K  25*FIR Filter Designer V1.00
FIRDesign.lha       misc/sci   100K   6 FIR Filter Designer V1.01
GalactCollisio.lha  misc/sci    65K  35*Galaxy generates anim of 2 galaxies ←
    colliding
gfft_1_12.lha       misc/sci   296K  71*FFT spectrum analysis of sample files
Gleichung.lha       misc/sci    28K 127*A program to solve linear equations. Needs ←
    2.04 or
GraviSimu11.lha     misc/sci    76K  80*Excellent Gravity Simulation Package with ←
    MUI
Gravity.lha         misc/sci    21K 263*Simulates astronomical object movements. V1 ←
    .0
Gravity_Well.lha    misc/sci    39K 330*Celestial motion simulator, up to 20 obj
GravSim.lha         misc/sci    31K 342*Animate up to 6 planetary masses. V1.50
gridloc.lha         misc/sci    48K  71*(AMOS) Amateur Radio grid square calc
Hypocycloids.lha    misc/sci    31K 446*Electronic spirograph program.
LDI.lha             misc/sci    12K   5 Helps you to have lucid dreams. V1.10
LDI.lha             misc/sci     8K  44*Helps you to have lucid dreams. V1.08
LIPv1_4.lha         misc/sci    70K  44*Uses audio suggestion to attempt to induce ←
    lucid d
LogEv10.lha         misc/sci    53K 132*cmd-line simulation of logic circuits
LogicShop_v1_1.lha  misc/sci    13K 132*Build and test logic circuits with an ←
    intuition in
lpdemo101.lha       misc/sci    39K 161*Digital Logic Circuit Simulator
messlabor.lha       misc/sci    44K  28*Plots x/y Datas, now with little EPS- ←
    Support
messlaborV1_2.lha   misc/sci    82K  14*Analyse and plot datas with EPS-Support
MLSv1_7.lha         misc/sci    28K  54*Performs Least Squares fit on Data
MN3A.lha            misc/sci    57K  59*An antenna design program. V1.2
MoleWt.lha          misc/sci    23K 248*Molecular weight calculator. V1.01
MTRAINER.lha        misc/sci   143K  85*Advanced Morse Tutor. OS 2.0+ required
mtrainer13.lha      misc/sci   166K  37*Tutorial for learning Morse code
multiplot.lzh       misc/sci   329K 126*Version XLNf v1.06 of scientific data ←
    plotter
NeuralNet.lha       misc/sci    11K 334*Example of Neural Net programming.
Neural_Nets.lha     misc/sci    24K 380*Neural network example.
Neuro.lha           misc/sci    75K 210*Neural network simulator. V1.0
NeuronalNets.lha    misc/sci    61K 306*Neuronal Nets with Hopfield/Hamming alg.
nnn.lha             misc/sci    81K  19*Nnn backpropagation neural network v1.35
OPlotV1_99b.lha     misc/sci   339K  81*The Amiga-2D-Plot-Program (replaces V1.99)
Oscillograph.lha    misc/sci    49K 137*Emulation of an oscillograph, V2.0
p2ag.lha            misc/sci     7K  45*'Prosite' to AmigaGuide converter.
PCBTool.lha         misc/sci    57K 380*PC board layout program. V2.6
Planetarium.lha     misc/sci    58K 133*Astronomy. Planet animations. V1.0
Plot6.lha           misc/sci   105K 446*A star plotting program.
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Pl_2_50.lha         misc/sci   962K  17*Freeware planetarium; lots of features
Pl_2_51.lha         misc/sci   1.1M   6 Planetarium simulation; Vers. 2.51
PRIME.lha           misc/sci    13K 108*Calculates prime numbers, fast.
prosite.lha         misc/sci   833K  45*Protein families database. Amigaguide  ←
    hypertext.
pse.lha             misc/sci    25K   2 Periodensystem der Elemente, germ.  ←
    Guidefile
r4utils.lha         misc/sci   452K  30*Restore R4 images with Lucy-Richardson
RARSAmi_2lite.lha   misc/sci    55K  40*RARS_Amiga for 020+ and no fpu
RARS_Amiga_3.lha    misc/sci   249K  33*Robot Auto Racing Simulation
Regression.lha      misc/sci     1K  38*Extension to TurboCalc V2.0
RexxPlPlot.lha      misc/sci   423K 314*Lib of C funcs for scientific plotting. V0 ←
    .3
R_MORSE1_1.lha      misc/sci    16K  87*A Morse tutor, works on any Amiga
R_WEFAX1_1.lha      misc/sci   164K  87*A WeFAX RX. TNC, OS2.0+, 1M CHIP req.
SatTrack_v42.lha    misc/sci   321K  70*A satellite tracking program
SCAN8800.lha        misc/sci   648K  32*Controller for FRG-8800, database for Short ←
    -Wave-L
ScienceDemos.lha    misc/sci    15K 446*Some science demos.
SciSubr.lha         misc/sci   467K 399*DECUS Scientific Subroutine Package.
secant.lzh          misc/sci    31K 106*Amiga scientific calculator util.
Sisys000.lha        misc/sci   105K  89*z-funct plotter 68000bin (need Common)
Sisys020.lha        misc/sci   106K  89*z-funct plotter 68020bin (need Common)
SisysCom.lha        misc/sci    64K  89*z-funct plotter - Common files required
SisysExm.lha        misc/sci   409K  89*z-funct plotter - Exemples (need Common)
SnipDemo.lha        misc/sci    63K 355*Demo of signal processing program. V1.23
Splines.lha         misc/sci    44K  59*SAS/C 6.5x port of spline program. V1.1
srt101.lha          misc/sci   101K  49*Relativity_Theory.guide V1.0.1, German
StarChart.lha       misc/sci   169K 380*Intuition based star information program.  ←
    V1.2
StarCollapse.lha    misc/sci    28K   9 Gravitational collapse of a star cluster
SynWorksDemAGA.lha  misc/sci   269K 118*Neural networks tool
TheWeb.lha          misc/sci   181K 178*Data Acq. & Processing - Graphic-diagram.  ←
    V1.1
units_1_0.lha       misc/sci    32K  76*Convert among many units (UNIX 'units')
WCLOCK.lha          misc/sci    22K  85*Useful clock utility for OMs
Widerstand1_0.lha   misc/sci    21K  48*Resistor values from color codes
xmgr20_docs.lha     misc/sci   325K  33*ACE/gr graphics for exploratory data  ←
    analysis 020+
xmgr23.lha          misc/sci   394K  22*ACE/gr graphics for exploratory data  ←
    analysis 020+
xmgr231.lha         misc/sci   398K  12*ACE/gr graphics for exploratory data  ←
    analysis 020+
xmgr24b.lha         misc/sci   414K   2 ACE/gr graphics for exploratory data  ←
    analysis 020+
xspringies2.lha     misc/sci   125K  37*Xspringies - a mass and spring simulation  ←
    system.
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