Appendix D: Pictorial index to ncargex

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The graphics shown in this appendix are the most descriptive frame of each example available via the ncargex command. They are shown here so you can quickly locate code that produces output similar to what you need for visualizing your data.

To use this index, scan all the graphics and note the names of examples that may be useful to you. Working in an appropriate local directory, execute:

ncargex ***example_name***

where *example_name* is the name printed under the graphic. This makes a local copy of the example source code, compiles and links the source file(s), runs the executable, and produces an NCAR CGM (NCGM) that you can examine with a viewer such as **idt**. For more information, execute:

man ncargex
man idt

Many users supply their own data and modify the source code of these examples as a shortcut to writing their own NCAR Graphics program from scratch. A strategy for using this approach is outlined in one of the chapters in this guide: Five quick steps for creating and viewing your plot, see step 2.

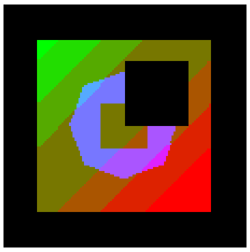
Some examples have multiple frames, therefore, we suggest that you view a particular example NCGM by using the **ncargex** command to determine how well it might meet your needs.

The examples are organized alphabetically by major utilities. Within the utilities, the examples are arranged alphabetically. Some examples are duplicated in more than one utility. For instance, the "cbex01" example is located in both the Conpack and the Bivar sections because it is an example of both.

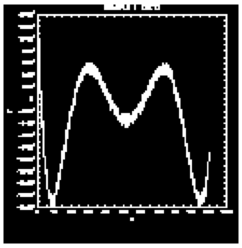
Note: The pictorial index is not included in the PostScript version of this manual.

Low Level Utilities

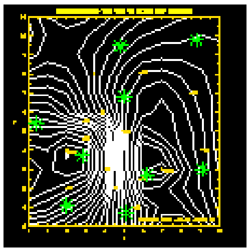
Areas



Autograph

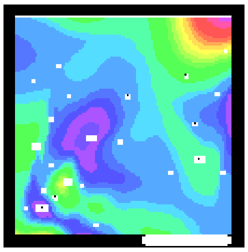


Bivar



Colconv

Conpack



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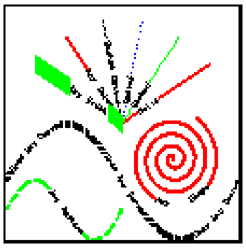
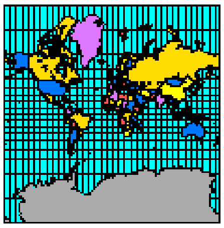
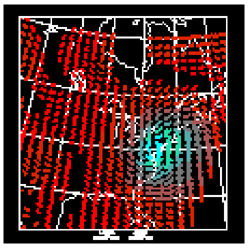


Dashpack

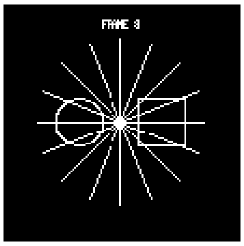
Ezmap



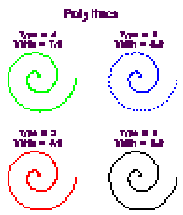
Field Flows



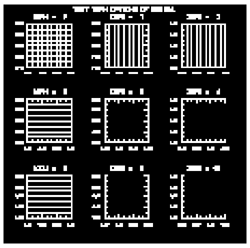
Gflash



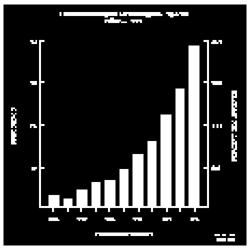
GKS



Gridall



Histogram



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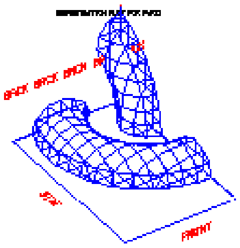

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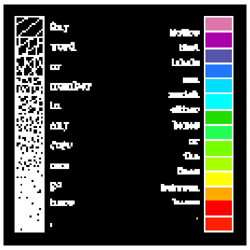
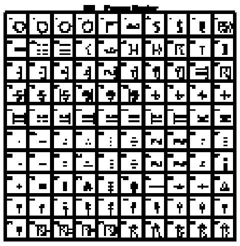
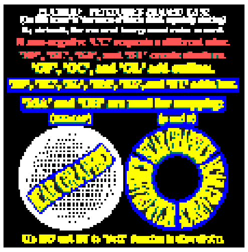


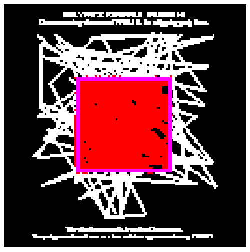
Ngmisc



Plotchar

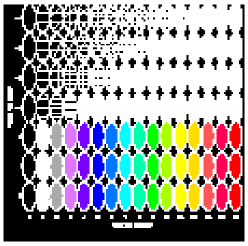


Polypack

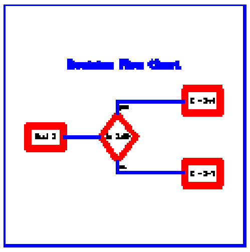


Scrolled Title

Softfill



SPPS



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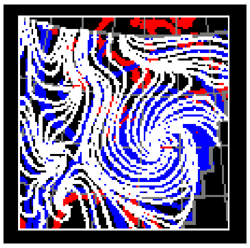

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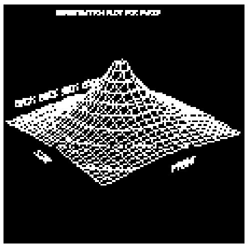

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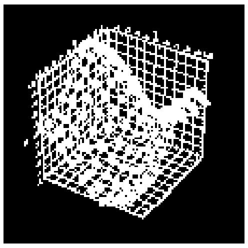
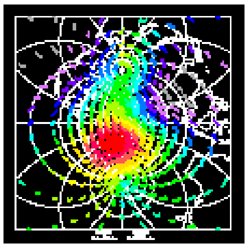
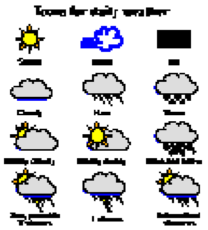


Vectors



Wmap



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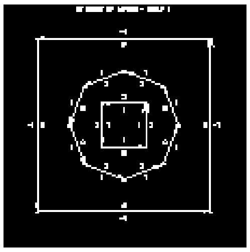
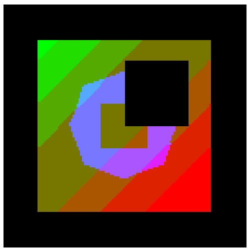
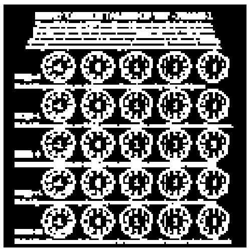
Areas



arex01
frame 1 of 29



arex02
frame 7 of 7



arex03
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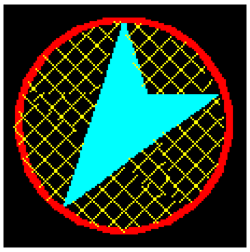
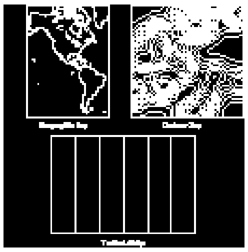


cardb1
frame 8 of 8

cardb2
frame 2 of 2



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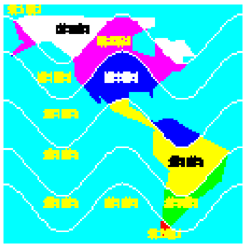

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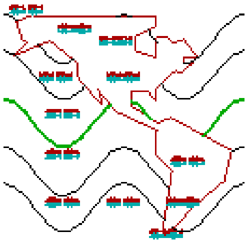

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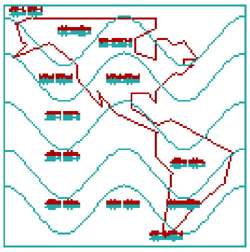

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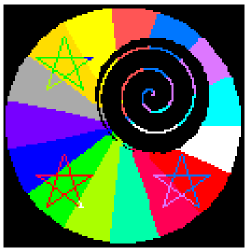

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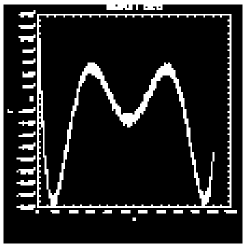
frame 1 of 1

Autograph



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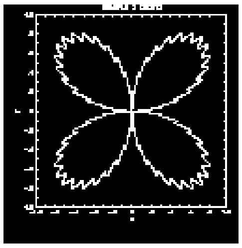

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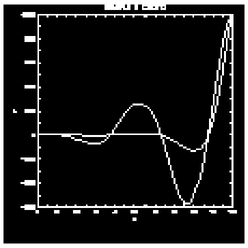

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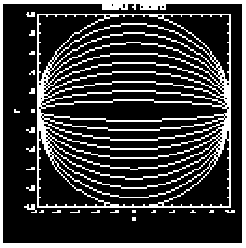

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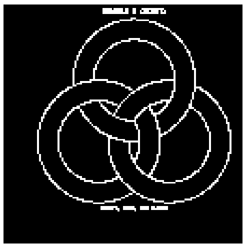

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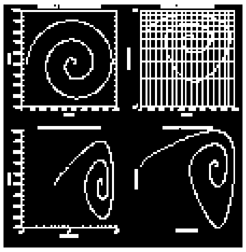

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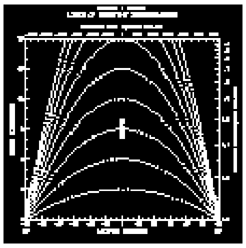

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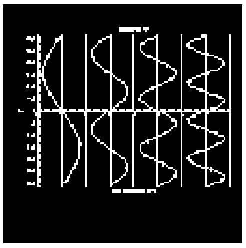

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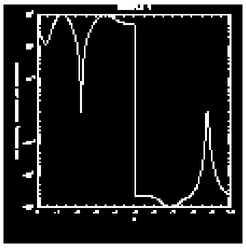

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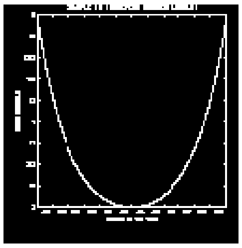

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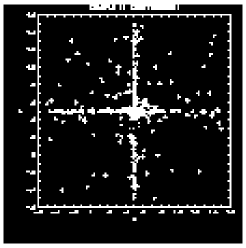

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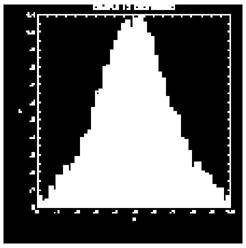

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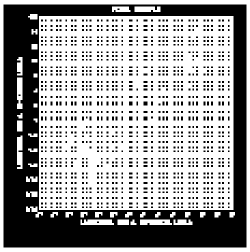

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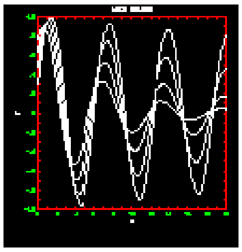

fagaxclr
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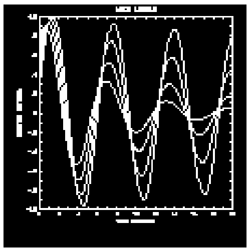

fagaxlbl
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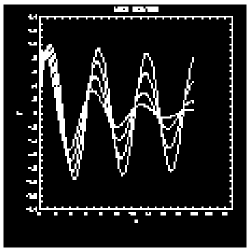

fagaxmax
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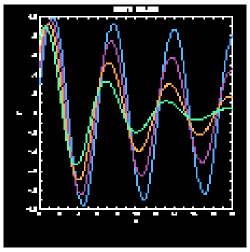

fagcuclr
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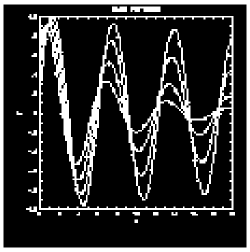

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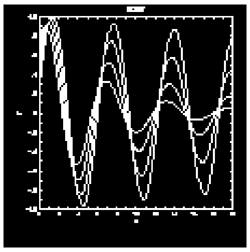

fagezmxy
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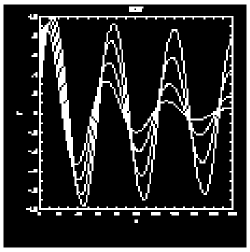

fagezmy
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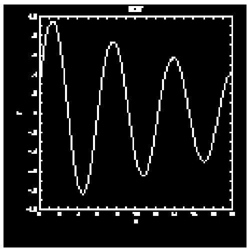

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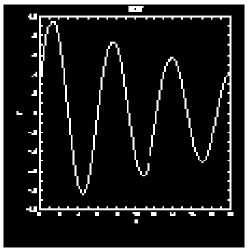

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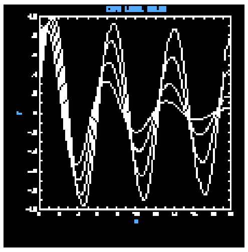
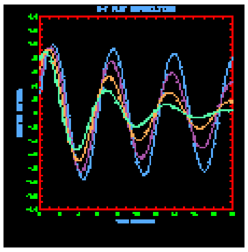
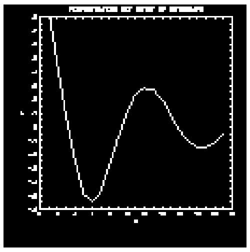


fagilclr
frame 1 of 1

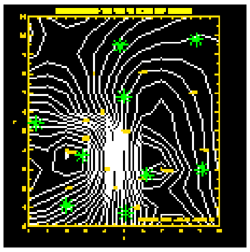


fagovrvw
frame 1 of 1



tautog
frame 1 of 4

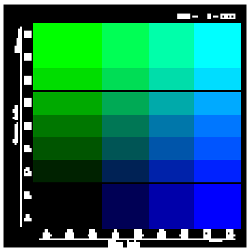
Bivar



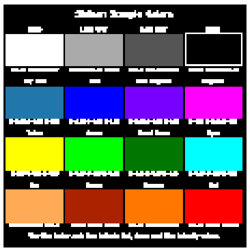
cbex01
frame 1 of 2

cidsfft
frame 1 of 1

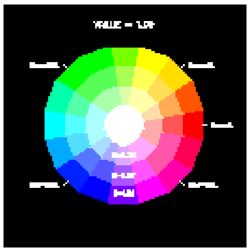
Colconv



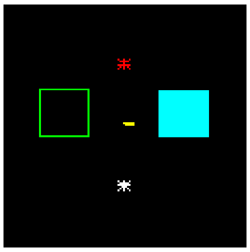
coex01
frame 1 of 5



coex02
frame 1 of 1

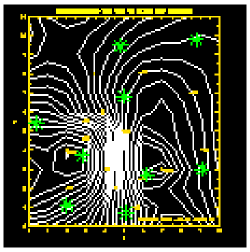


coex03
frame 3 of 3

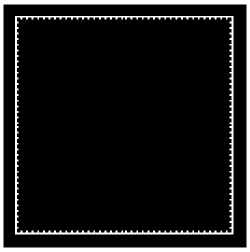


fcce01
frame 1 of 1

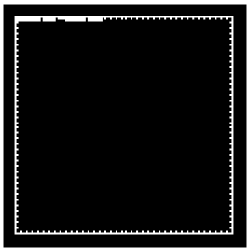
Conpack



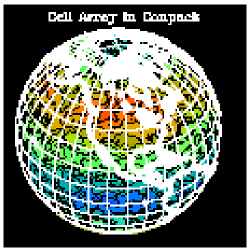
cbex01
frame 1 of 2



ccpback
frame 1 of 1

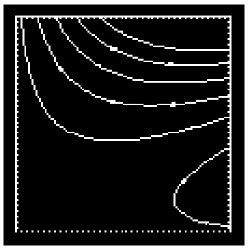


ccpcfx
frame 1 of 1

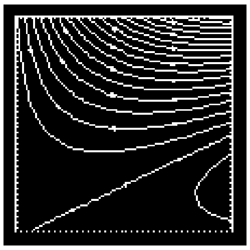


ccpcica
frame 1 of 1

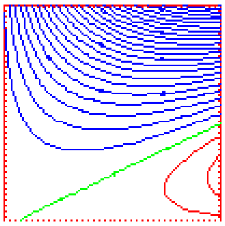
ccpcir
frame 1 of 1



ccpcis
frame 1 of 1



ccpcit
frame 1 of 1



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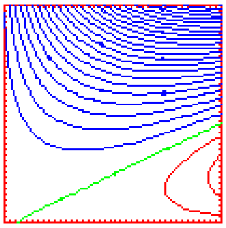

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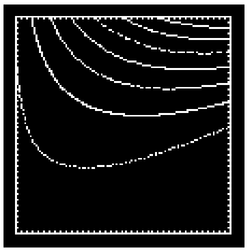

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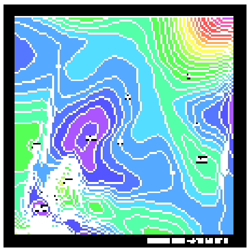

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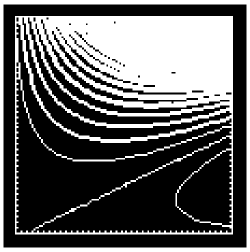

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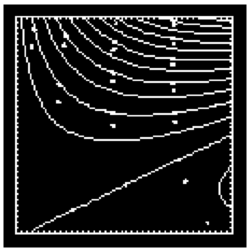

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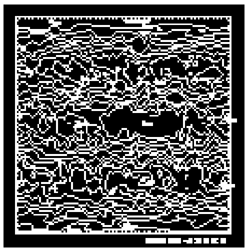

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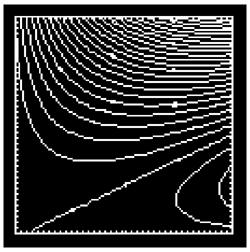

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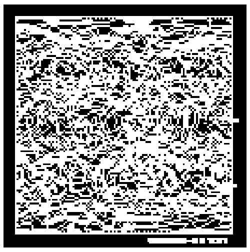

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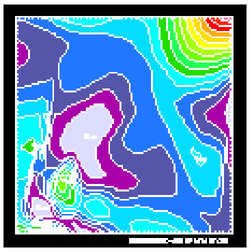

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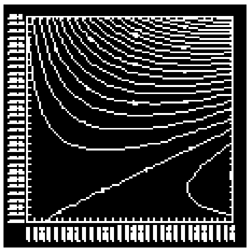

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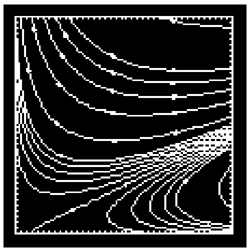

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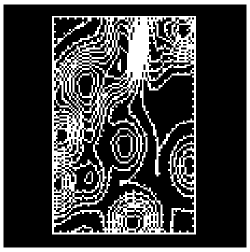

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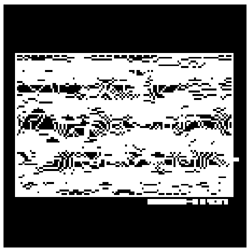

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ccphlt
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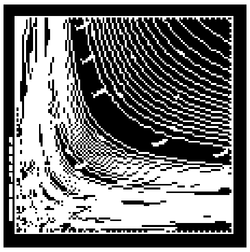

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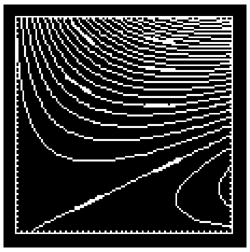

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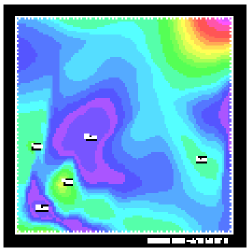

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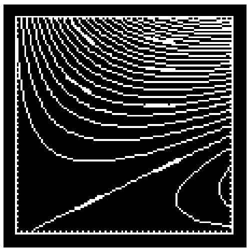

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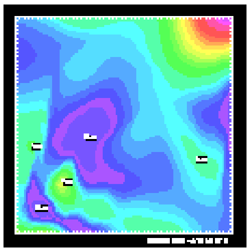

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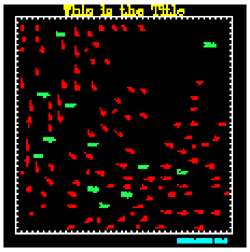

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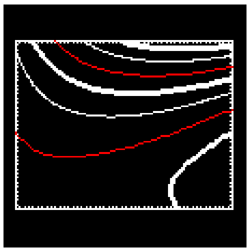

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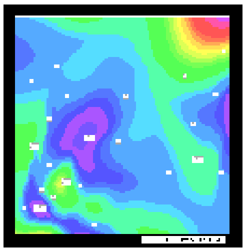

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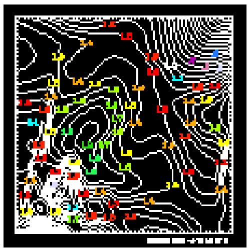

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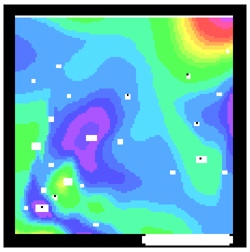

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ccpllo
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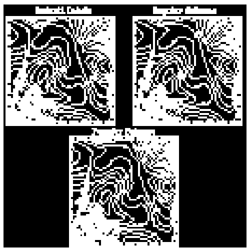
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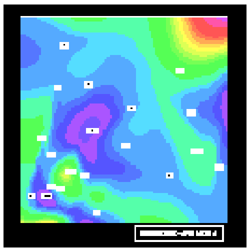
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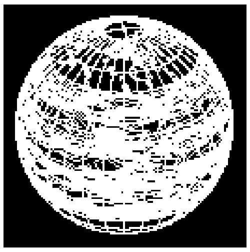
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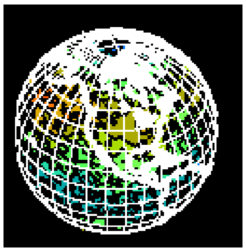
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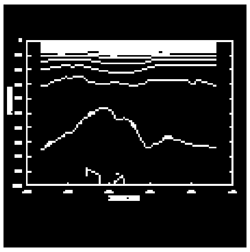
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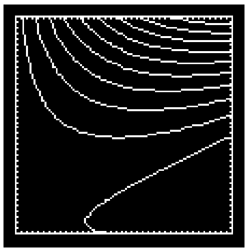
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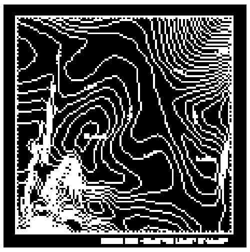
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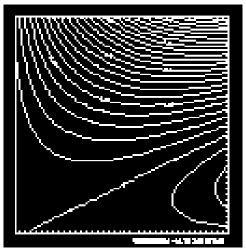
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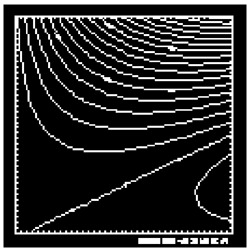
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frame 1 of 1


ccppc
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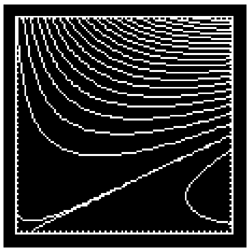
ccppc1
frame 1 of 1


ccppc2
frame 1 of 1


ccppc3
frame 1 of 1


ccppc4
frame 1 of 1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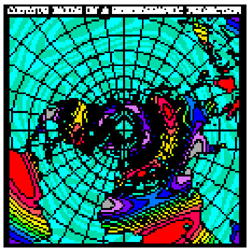
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ccprc
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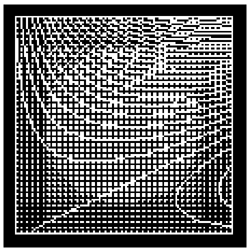
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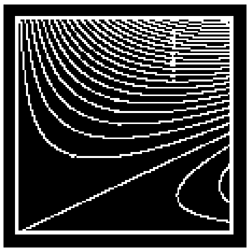
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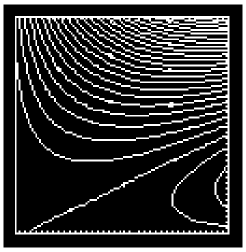
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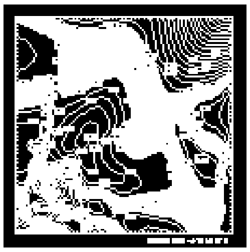
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ccpset
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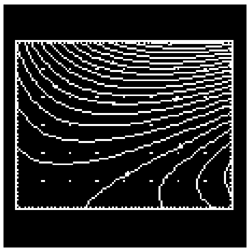
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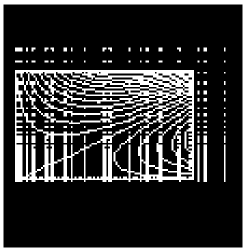
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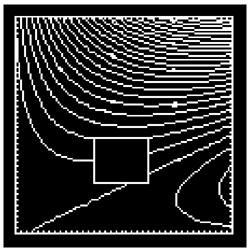
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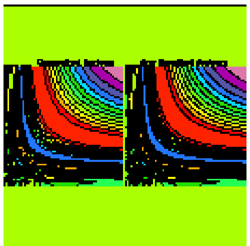
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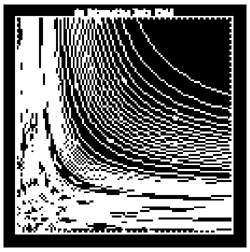
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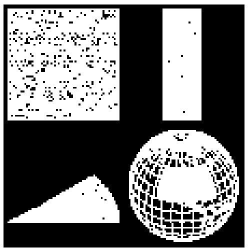
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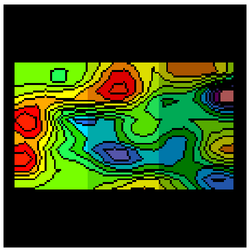
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cidsfft
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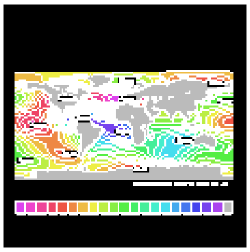
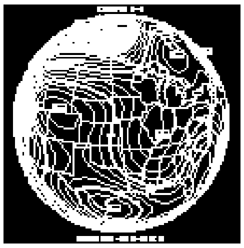


colcon
frame 1 of 1



cpex01
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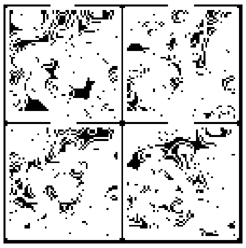
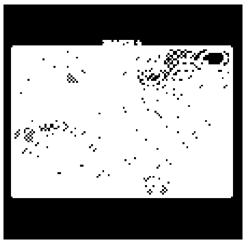


cpex02
frame 1 of 1

cpex03
frame 1 of 1



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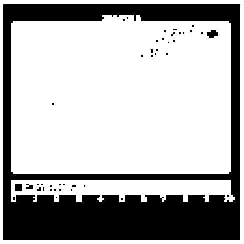

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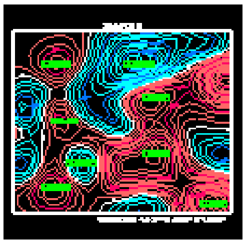

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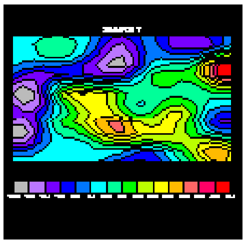

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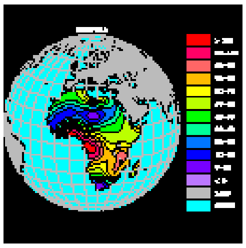

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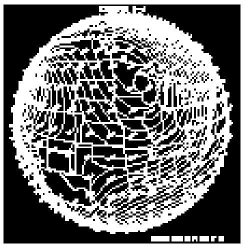

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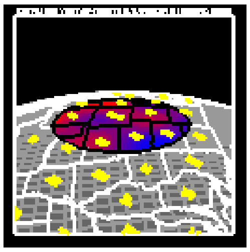
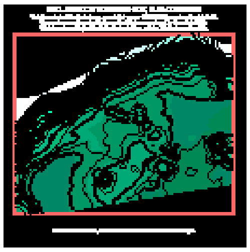


cpex10
frame 1 of 1

cpex11
frame 5 of 5

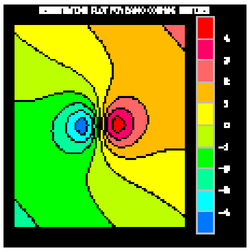
cpex12
frame 1 of 1

cpex13
frame 1 of 4



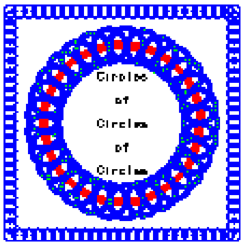
cpex14
frame 4 of 4

cpex15
frame 1 of 1

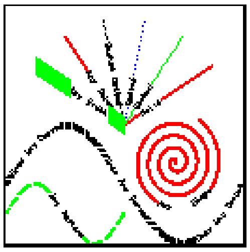


tconpa
frame 3 of 3

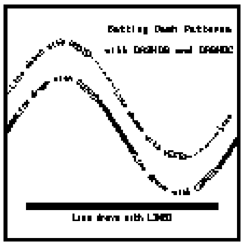
Dashline



fdlcurvd
frame 1 of 1



fdldashc
frame 1 of 1



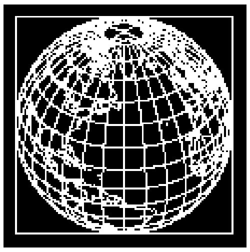
fdldashd
frame 1 of 1

fdlsmth
frame 1 of 1

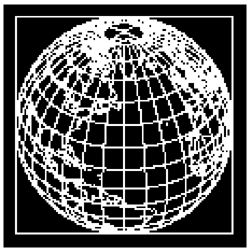
Dashpack

tdshpk
frame 1 of 3

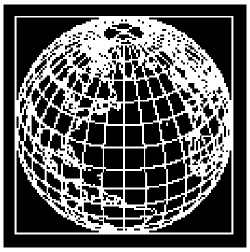
Ezmap



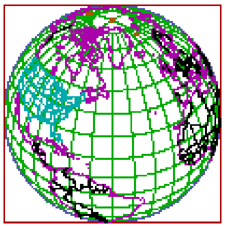
cezmap1
frame 1 of 1



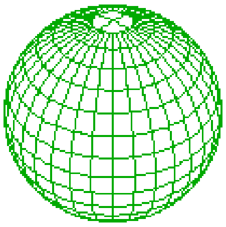
cezmap2
frame 1 of 1



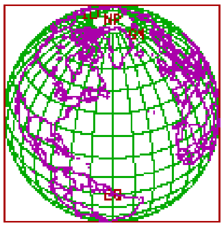
cezmap3
frame 1 of 1



cmpclr
frame 1 of 1

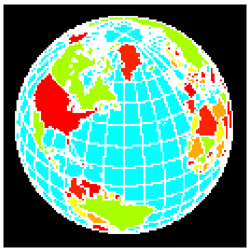


cmpdd
frame 1 of 1

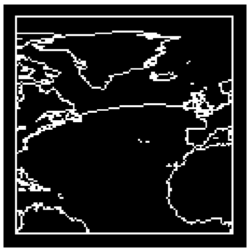


cmpdrw
frame 1 of 1

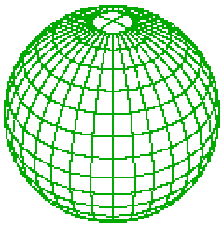
cmpel
frame 1 of 1



cmpfil
frame 1 of 1



cmpgci
frame 1 of 1



cmpgrd
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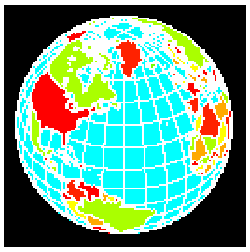

cmpgrp
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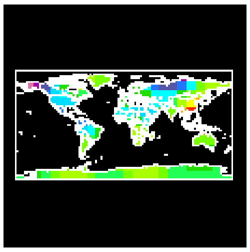
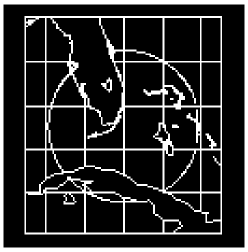


cmpita
frame 1 of 1



cmpitm
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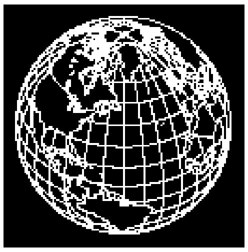
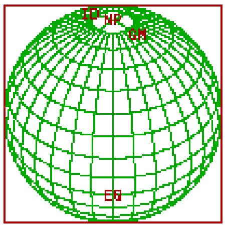


cmplab
frame 1 of 1



cmplbl
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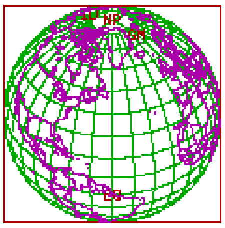
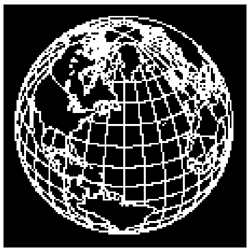
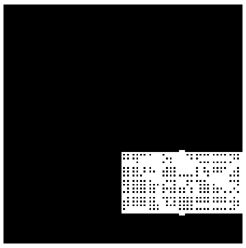


cmplot
frame 1 of 1

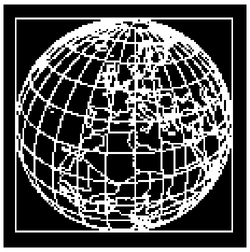


cmpmsk
frame 1 of 1

cmpou
frame 1 of 1



cmppos
frame 1 of 1



cmpsat
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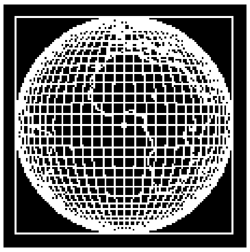

cmpsup
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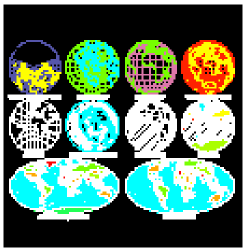
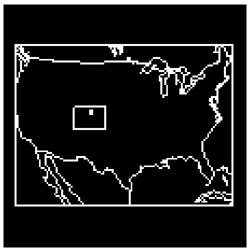
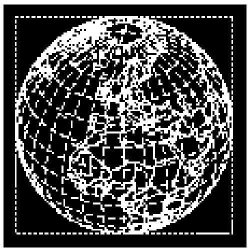


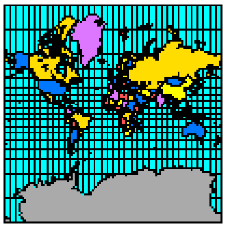
cmptit
frame 1 of 1



cmptra
frame 1 of 1

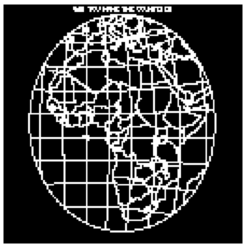


cmpusr
frame 1 of 1

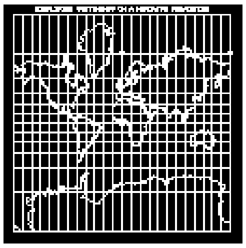


eezmpa
frame 1 of 1

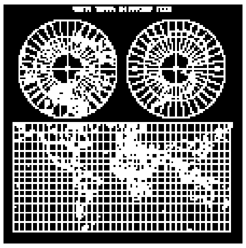
mpex01
frame 1 of 1



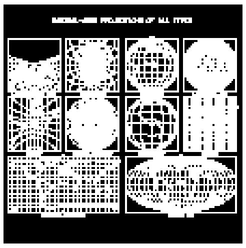
mpex02
frame 1 of 1



mpex03
frame 1 of 1



mpex04
frame 1 of 1



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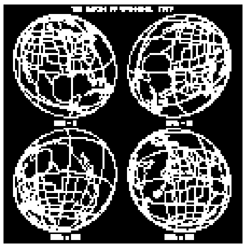

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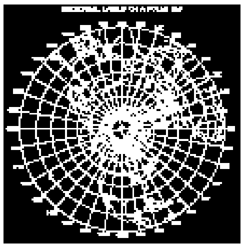

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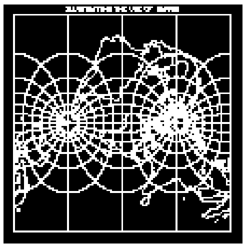

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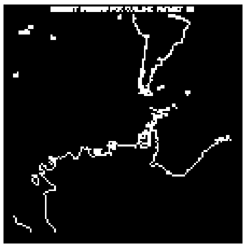

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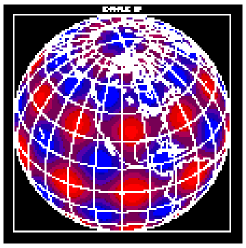
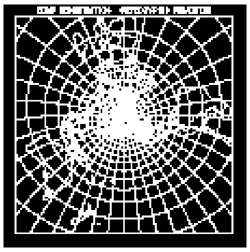
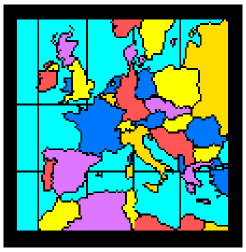


mpex10
frame 1 of 1

mpexfi
frame 1 of 1

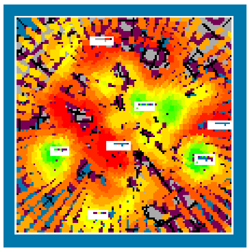


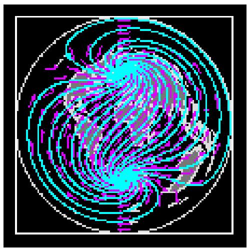
tezmap
frame 1 of 10



tezmpa
frame 1 of 1

Field Flows


fcover
frame 1 of 4


ffex00
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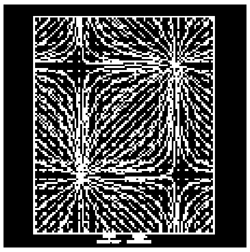
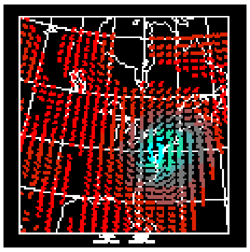

ffex01
frame 1 of 3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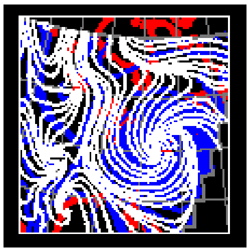
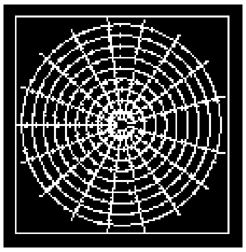
frame 4 of 4


ffex03
frame 1 of 1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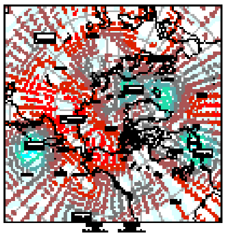
frame 1 of 2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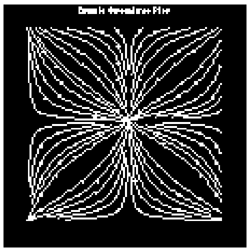
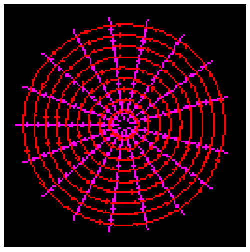
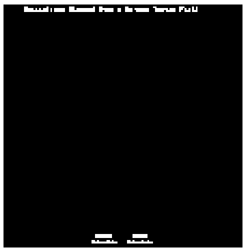
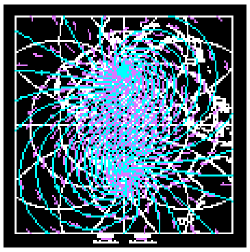
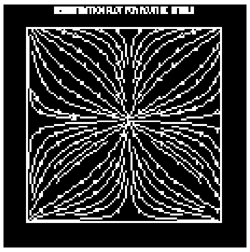
frame 5 of 6


fstream
frame 1 of 1


stex01
frame 1 of 1


stex02
frame 1 of 5


stex03
frame 1 of 10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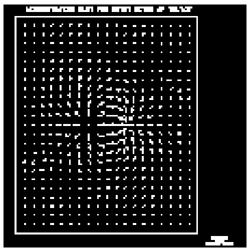
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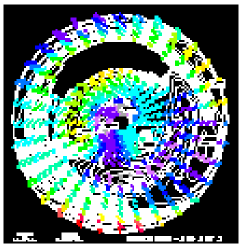
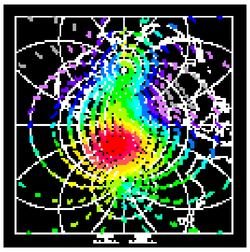

vvex01
frame 1 of 2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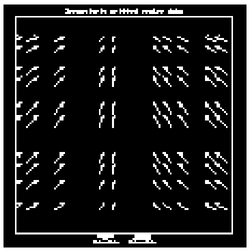
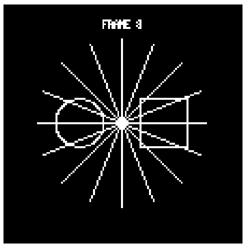
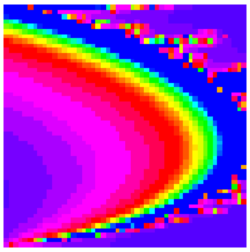

vvex03
frame 1 of 3

Gflash



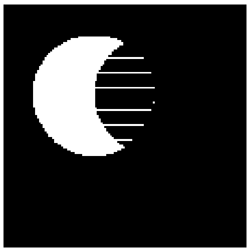
tgflas
frame 3 of 3

GKS

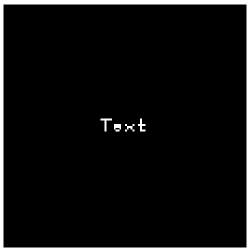


fcell
frame 1 of 1

fcell0
frame 1 of 1

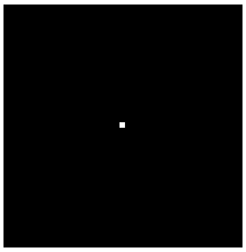


fcirc
frame 1 of 1



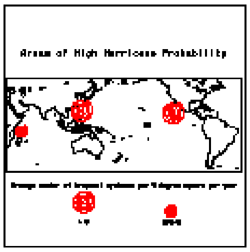
fgke01
frame 1 of 1

fgke02
frame 1 of 1



fgke03
frame 1 of 2

fgke04
frame 1 of 7



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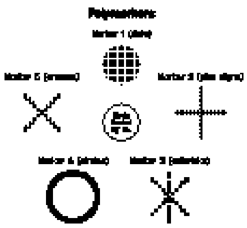

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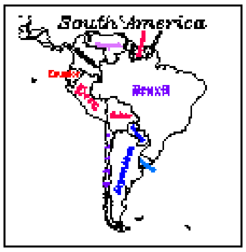
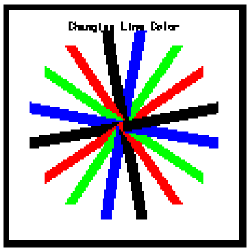


fgkgtx
frame 1 of 1



fgklnclr
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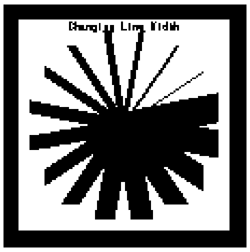

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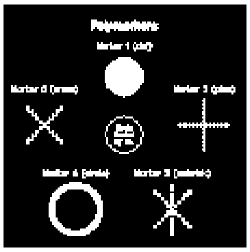
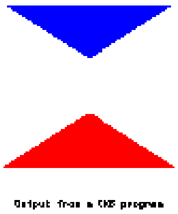
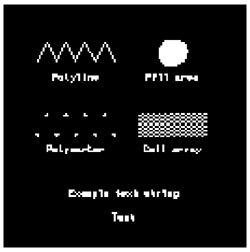


fgpm01
frame 1 of 1



pgkex01
frame 1 of 1



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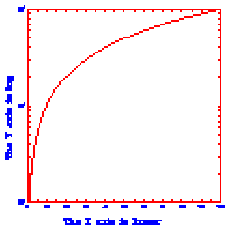
frame 1 of 1



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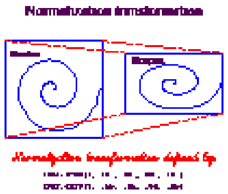
frame 1 of 1



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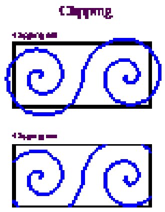
frame 1 of 1



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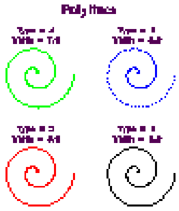

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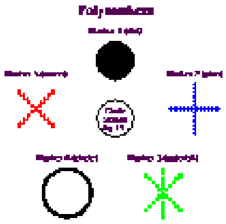

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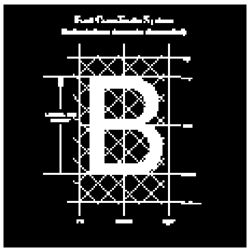

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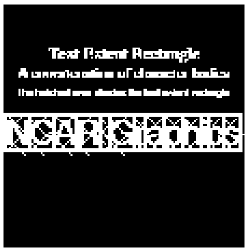

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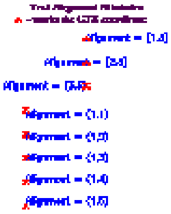
frame 1 of 1

pgkex10
frame 1 of 1



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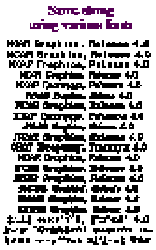

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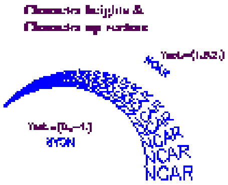
frame 1 of 1

pgkex13
frame 1 of 1



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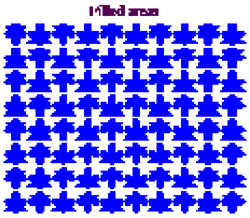

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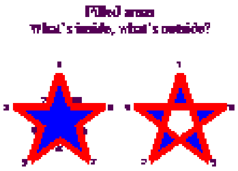

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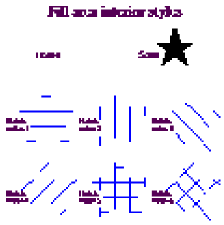

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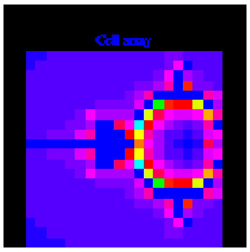
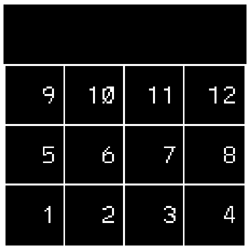


pgkex18
frame 1 of 1



pgkex19
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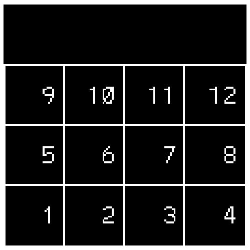
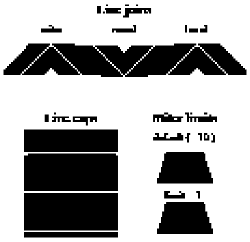


pgkex20
frame 1 of 1



pgkex21
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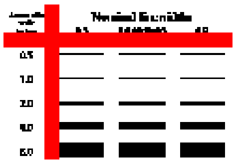

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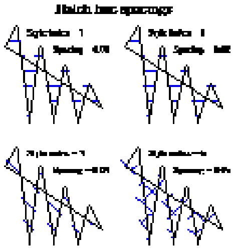

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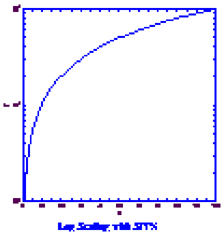

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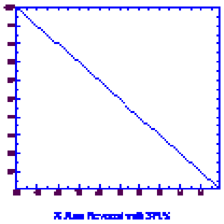

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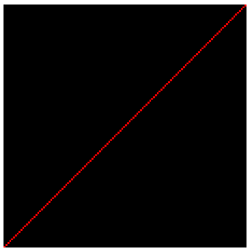
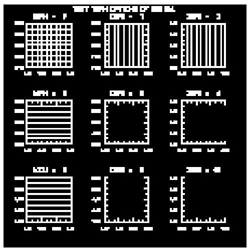


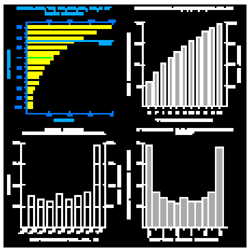
pgkex26
frame 1 of 2

Gridall

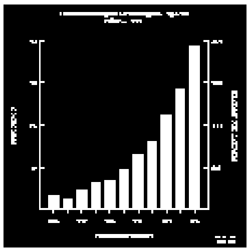


tgrida
frame 9 of 9

Histogram

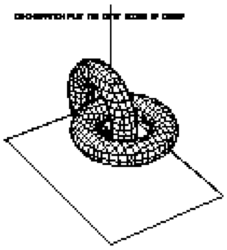


thstgr
frame 3 of 3

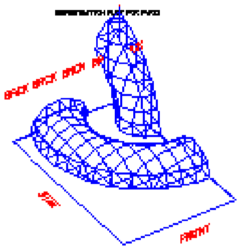


thstmv
frame 1 of 3

Isosurface

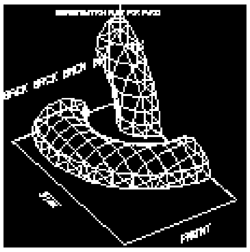


fisissrf
frame 1 of 2



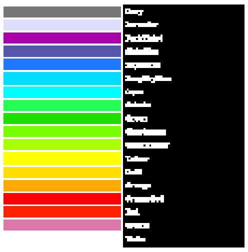
fispwrzi
frame 1 of 1

tisosr
frame 1 of 1

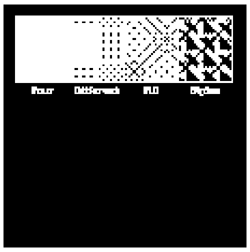


tpwrzi
frame 1 of 1

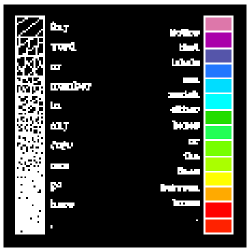
Labelbar



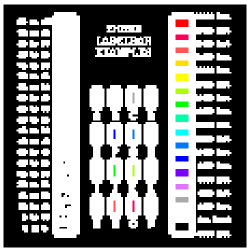
clbbar
frame 1 of 1



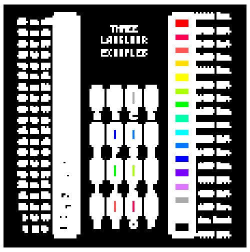
clbfil
frame 1 of 1



clblbr
frame 1 of 1

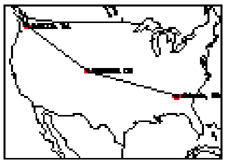


elblba
frame 1 of 1

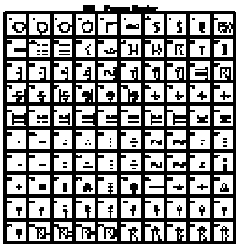


tlblba
frame 1 of 1

Ngmisc

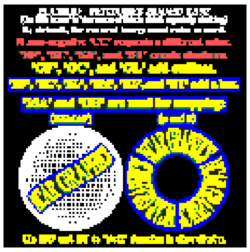


fngngdts
frame 1 of 1

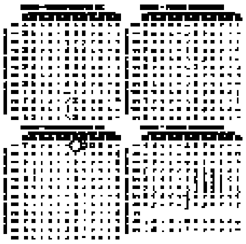


fngwsym
frame 1 of 2

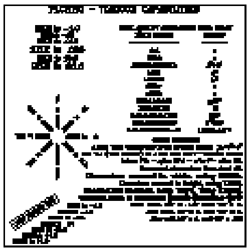
Plotchar



epltch
frame 8 of 8

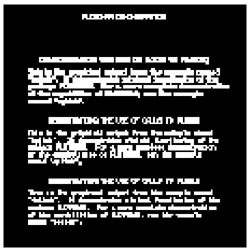


fpcfonts
frame 1 of 4



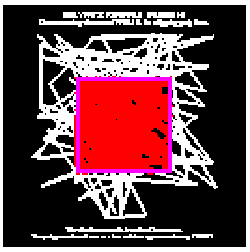
fpchiqu
frame 1 of 2

fpcloqu
frame 1 of 1

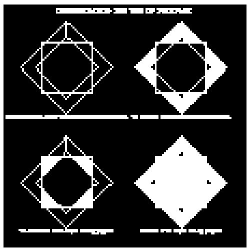


tpltch
frame 1 of 1

Polypack

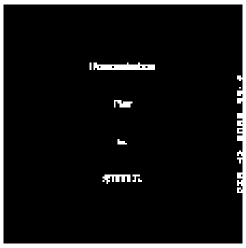


ppex01
frame 10 of 10

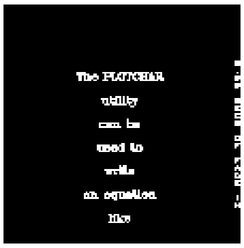


tppack
frame 1 of 1

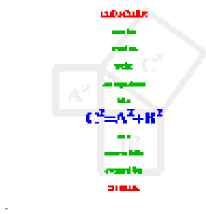
Scrolled Title



fslfont
frame 1 of 1



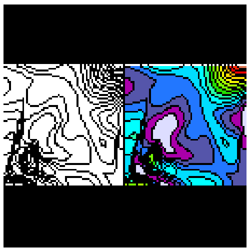
slex01
frame 1 of 8



slex02
frame 71 of 85

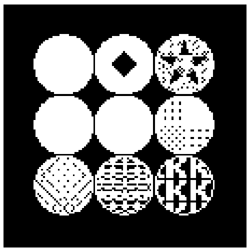
tstitl
frame 1 of 1

Softfill

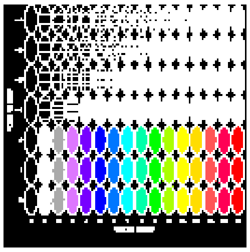


fsfsgfa
frame 1 of 1

fsfwrld
frame 1 of 1



sfex01
frame 1 of 1



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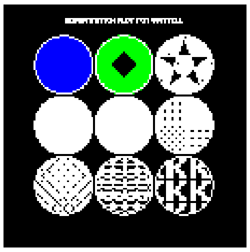
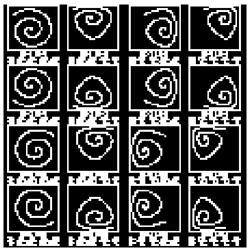
frame 1 of 1

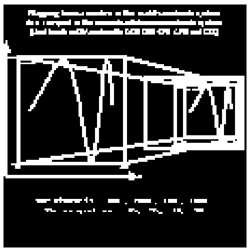


tsoftf
frame 1 of 1

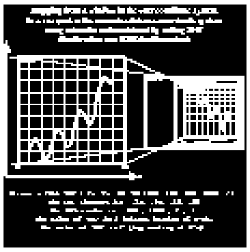
SPPS



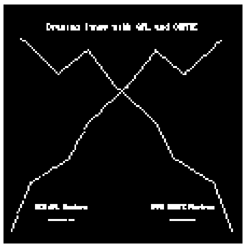
fcoord
frame 1 of 1



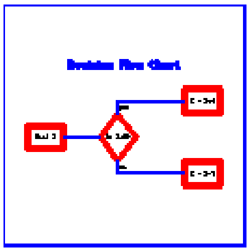
fcoord1
frame 1 of 1



fcoord2
frame 1 of 1



fspcurve
frame 1 of 1



fspline
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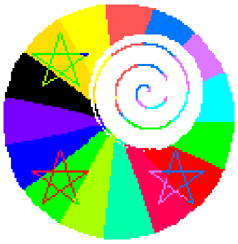

fsppoint
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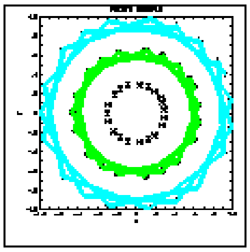
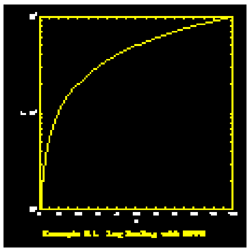
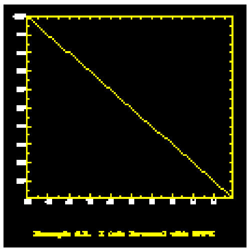


fspponts
frame 1 of 1

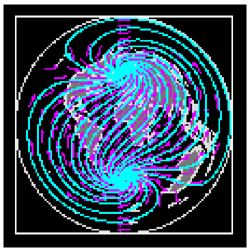


splogy
frame 1 of 1

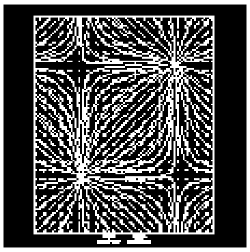


sprevx
frame 1 of 1

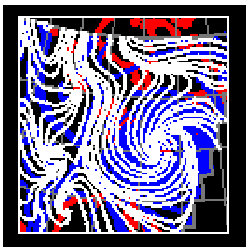
Streamlines



ffex00
frame 1 of 1



ffex01
frame 1 of 3



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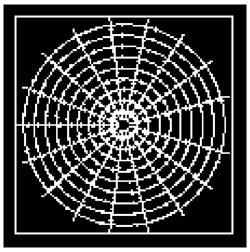
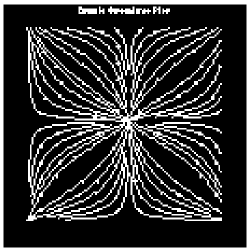
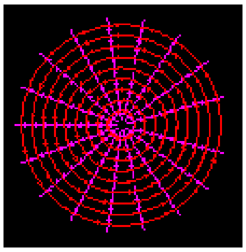
frame 1 of 1



ffex04
frame 1 of 2

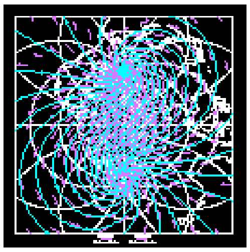


fstream
frame 1 of 1

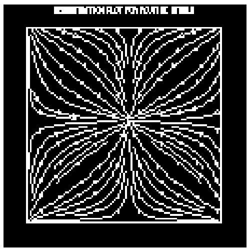


stex01
frame 1 of 1

stex02
frame 1 of 5

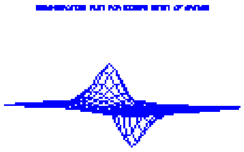


stex03
frame 1 of 10

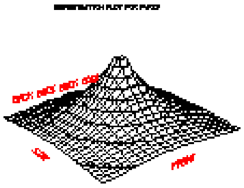


tstrml
frame 1 of 1

Surface



fsrezsrf
frame 1 of 1



fsrpwrzs
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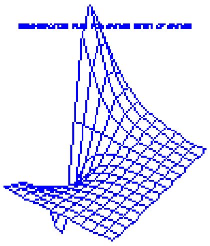
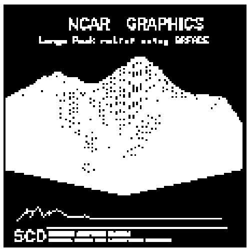
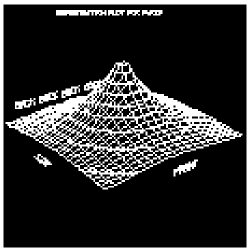


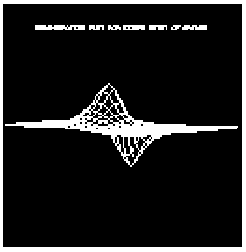
fsrsrfac
frame 1 of 1



srex01
frame 1 of 4

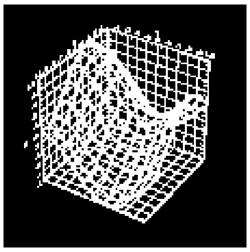


tpwrzs
frame 1 of 1

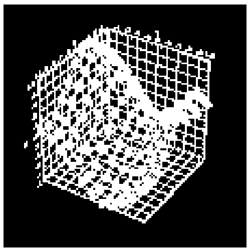


tsrfac
frame 1 of 2

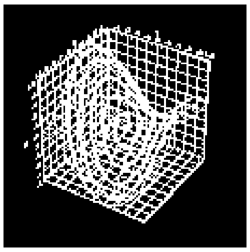
Threed



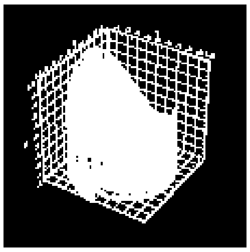
fthex01
frame 1 of 1



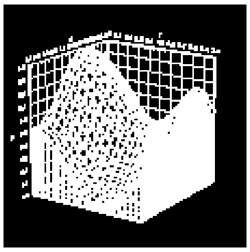
fthex02
frame 1 of 1



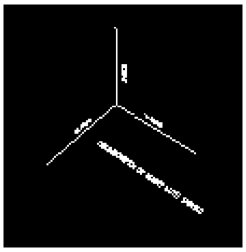
fthex03
frame 1 of 1



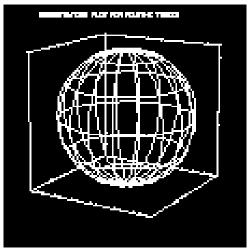
fthex04
frame 1 of 1



fthex05
frame 1 of 1

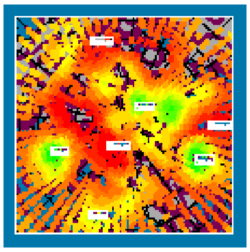


tpwrzt
frame 1 of 1

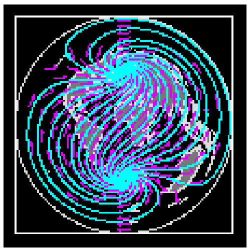


tthree
frame 1 of 1

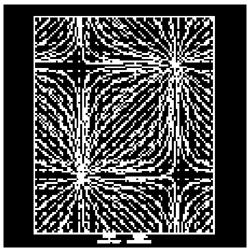
Vectors



fcover
frame 1 of 4



ffex00
frame 1 of 1



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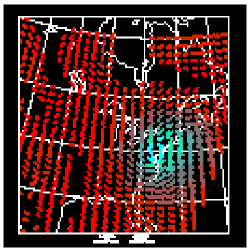

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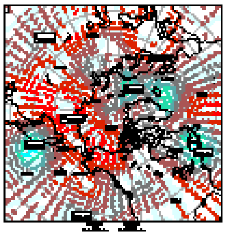
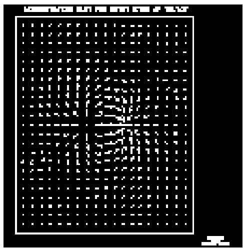
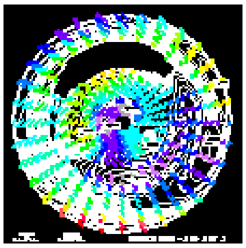


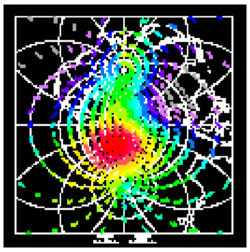
ffex05
frame 5 of 6



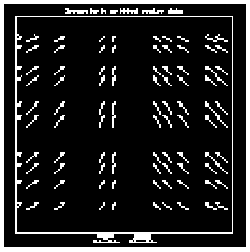
tvelvc
frame 1 of 2



vvex01
frame 1 of 2

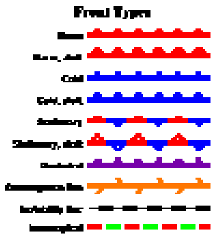


vvex02
frame 1 of 10

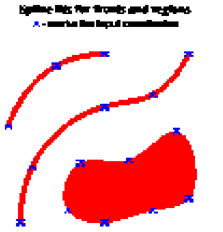


vvex03
frame 1 of 3

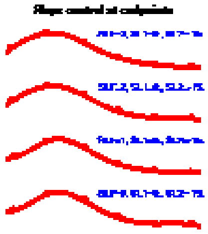
Wmap



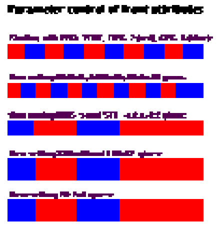
wmex01
frame 1 of 1



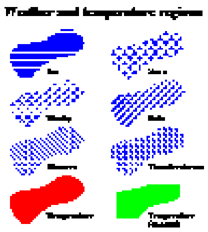
wmex02
frame 1 of 1



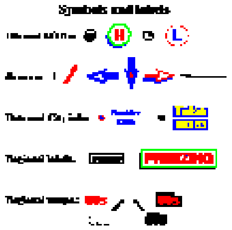
wmex03
frame 1 of 1



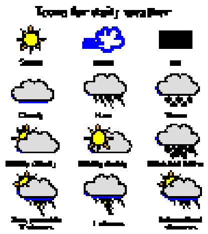
wmex04
frame 1 of 1



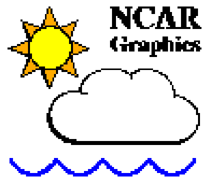
wmex05
frame 1 of 1



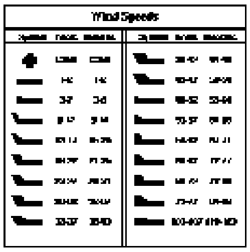
wmex06
frame 1 of 1



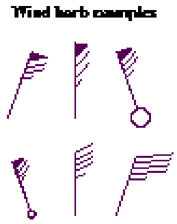
wmex07
frame 1 of 1



wmex08
frame 1 of 1

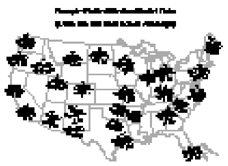


wmex09
frame 1 of 1

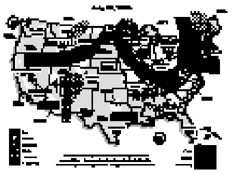


wmex10
frame 1 of 1

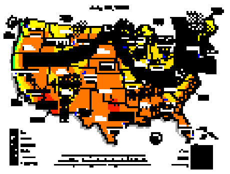
wmex11
frame 1 of 1



wmex12
frame 1 of 1



wmex13
frame 1 of 1



wmex14
frame 1 of 1