


# Neues aus der \*graphschaft

**Herbert Breunung**









# CPAN Module

**meta::cpan** About grep::cpan Recent News FAQ Tools API




**LICHTKIND**  
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**ACTIVITY**



24 month

All Releases

**TOOLS**

- CPANTesters Reports
- CPANTS
- Module permissions
- MetaCPAN Explorer
- CPAN directory (10)
- BackPAN directory (207)

## 10 distributions uploaded by Herbert Breunung (LICHTKIND)

Search distributions by Herbert Breunung

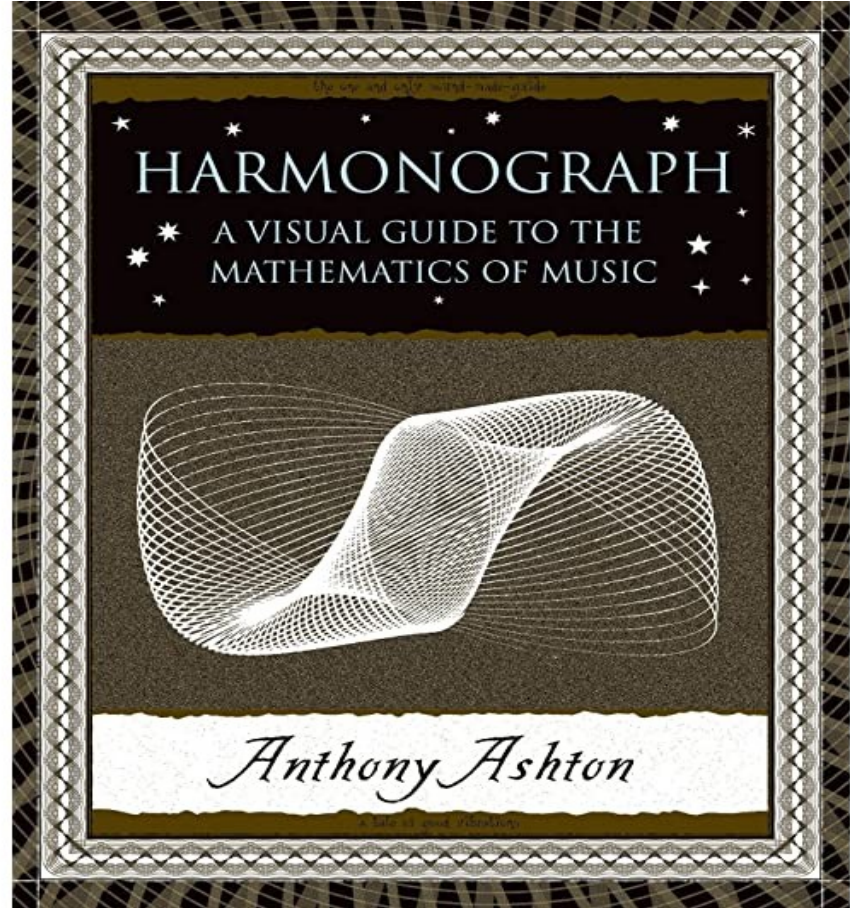
### All Releases by Herbert Breunung

Release	
App-GUI-Cellgraph-0.2	draw pattern by cellular automata
Graphics-Toolkit-Color-1.08	color palette creation helper
Kephra-0.404	compact, effective and beautiful coding editor
Chart-v2.403.9	a series of charting modules
Alien-Font-Uni-0.3	access to Unifont truetype file
Tie-Wx-Widget-1.01	implicit access value of a Wx widget
Bundle-Graphics-ColorNames-1.06	all color scheme modules with english names
Graphics-ColorNames-GrayScale-3.0	RGB values of shades of gray and base colors
Graphics-ColorNames-Pantone-0.54	RGB values of Pantone colors
App-GUI-Harmonograph-0.57	sculpting beautiful circular drawings

**Favorites**

No favorite distributions from LICHTKIND could be found

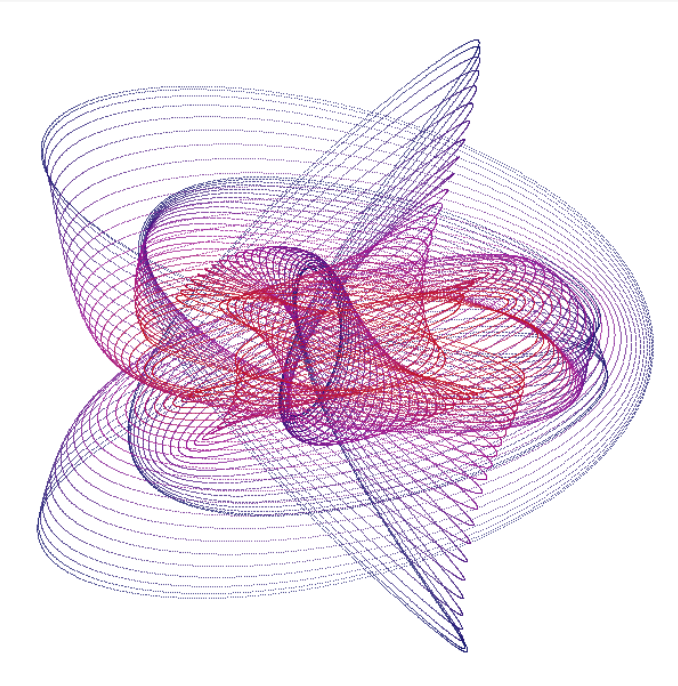
# Harmonograph



# Harmonograph

Harmonograph 0.58

Settings Image Help



done complete drawing

Lateral Pendulum Settings Rotary Pendulum Settings Modulation Matrix **Pen Settings**

Line Length 24 - +

Density 26 - +  Thickness 1 - +

Color Change linear  Step Size 2 - +

Dynamics 1   Dir. Period 10 - +

Start Color

R 20 - +  H 240 - +

G 20 - +  S 69 - +

B 110 - +  L 25 - +

End Color

R 198 - +  H 2 - +

G 25 - +  S 82 - +

B 20 - +  L 43 - +

Image:  Draw

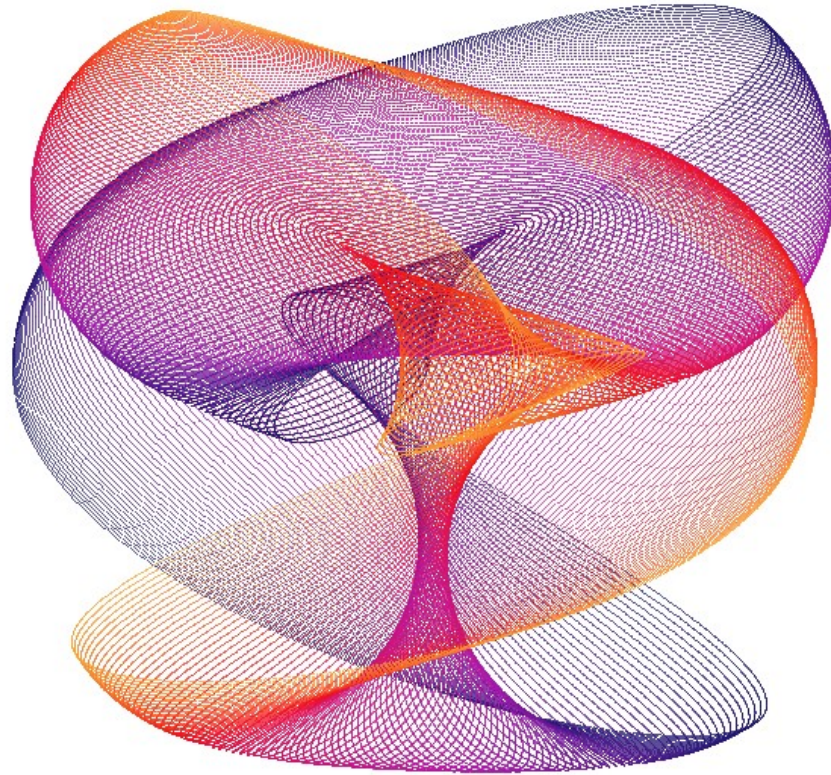
Series: Dir ~ good 0 INI Save

Start Color IO airblue < > Load Del Save

End Color IO airblue < > Load Del Save

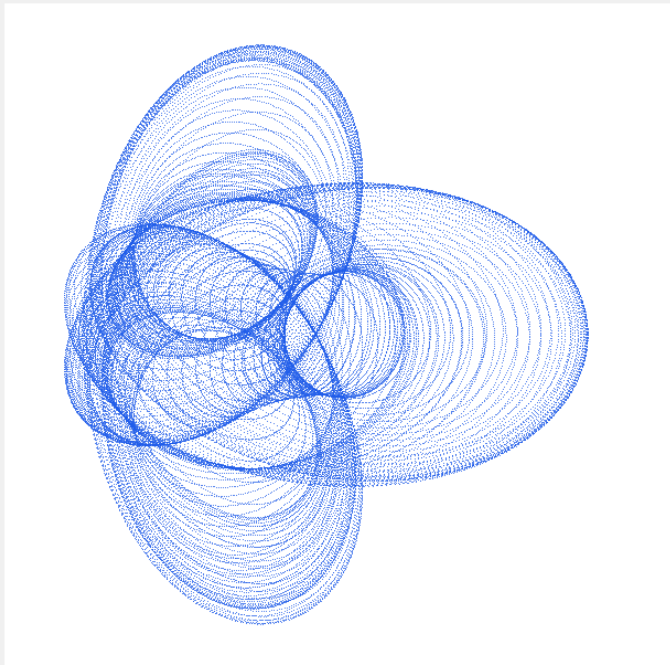
all settings are set to default

# Bug, kein Feature



# Modulationsmatrix

Settings Image Help



Lateral Pendulum Rotary Pendulum **Modulation Matrix** Pen Settings

X:

Y:

Z:

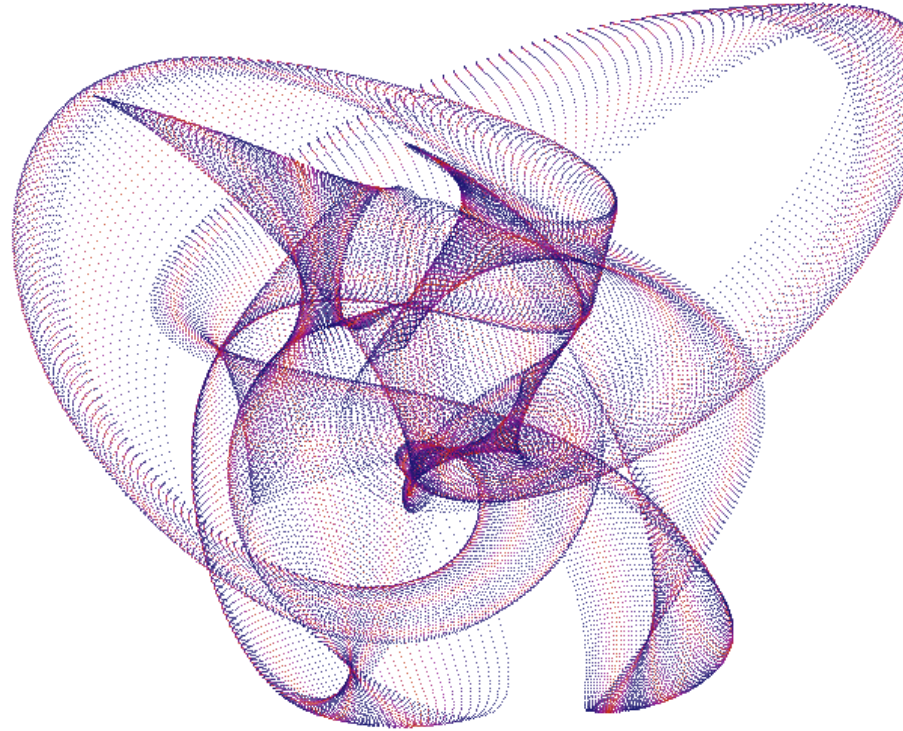
R:

Image:  Draw

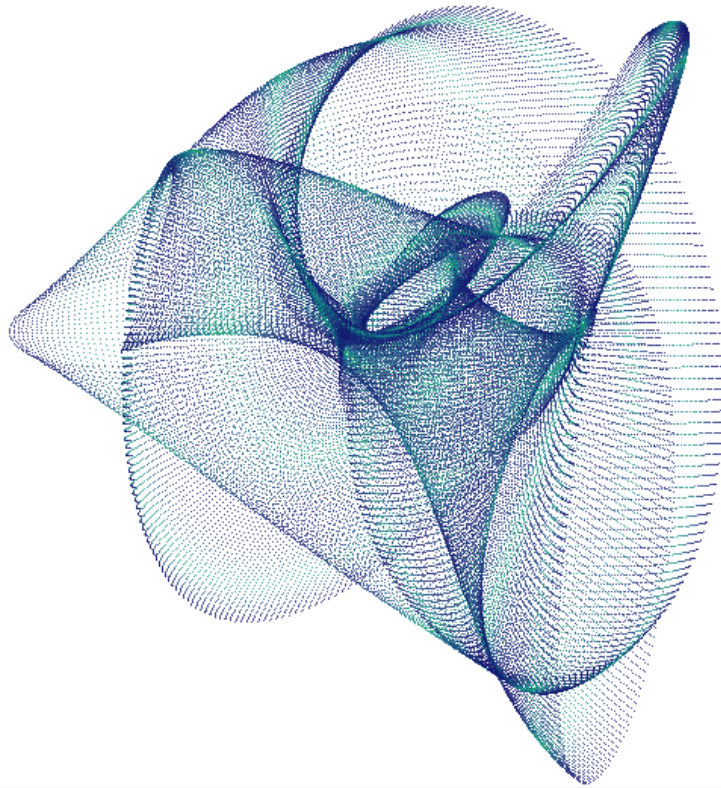
Series:

done complete drawing all settings are set to default

# Harmonograph

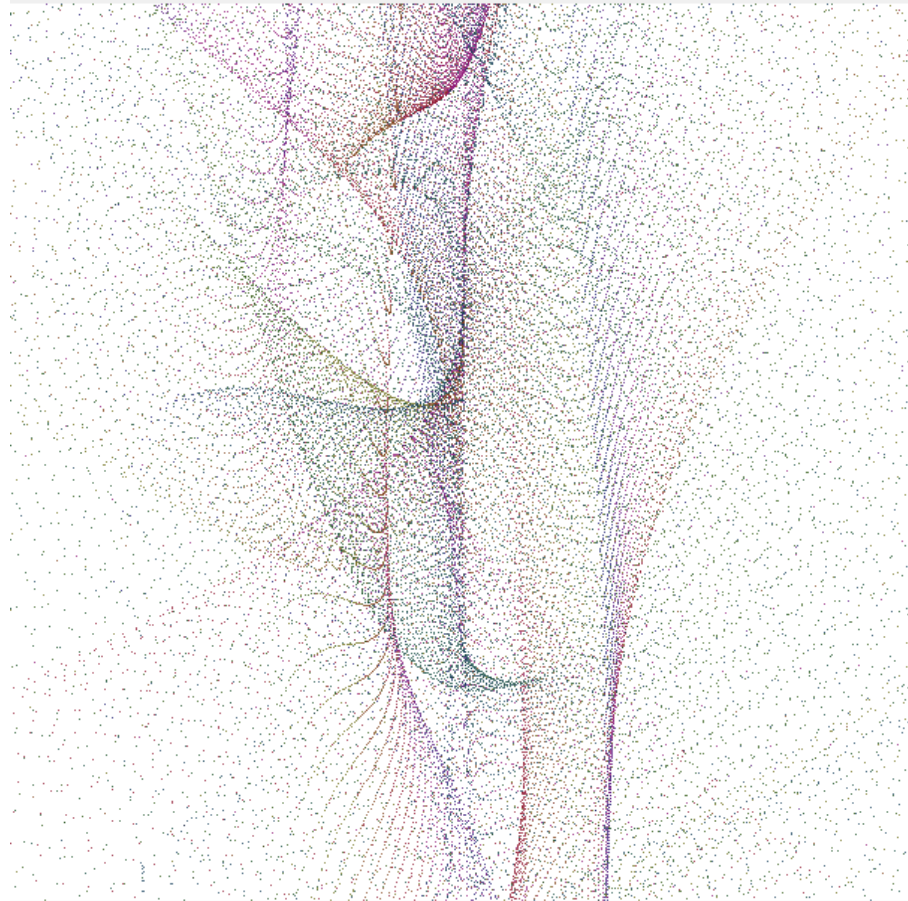


# Harmonograph





# Art by Perl



# Cellgraph

The screenshot displays the Cellgraph 0.2 application window. The main area shows a large, intricate fractal pattern rendered on a grid. The pattern is a diamond shape filled with a complex, self-similar structure. The settings panel on the right is open to the 'Color' tab. It includes a 'Color Set Store' section with a dropdown menu set to 'bunt' and buttons for 'Load', 'Del', 'Save', and 'New'. Below this is the 'Colors Set Function' section with buttons for 'Gray', 'Gradient', and 'Complement', along with a dropdown set to '1' and two input fields set to '0'. The 'Currently Used State Colors' section shows a row of color swatches, with the first one selected. The 'Selected State Color' section features sliders for RGB (R: 179, G: 220, B: 243) and HSL (H: 202, S: 73, L: 83) values. The 'Color Store' section has a dropdown set to 'airyblue' and buttons for 'Load', 'Del', and 'Save'. At the bottom, the 'Grid Status' section shows a color gradient bar and a 'Draw' button. The text 'settings in init state' is visible at the bottom left of the main window.

Cellgraph 0.2

Settings Image Help

Global Start Rules Action **Color**

Color Set Store

bunt < > Load Del Save New

Colors Set Function

Gray Gradient 1 Complement 0 0

Currently Used State Colors

Selected State Color

R 179 - + G 220 - + B 243 - +

H 202 - + S 73 - + L 83 - +

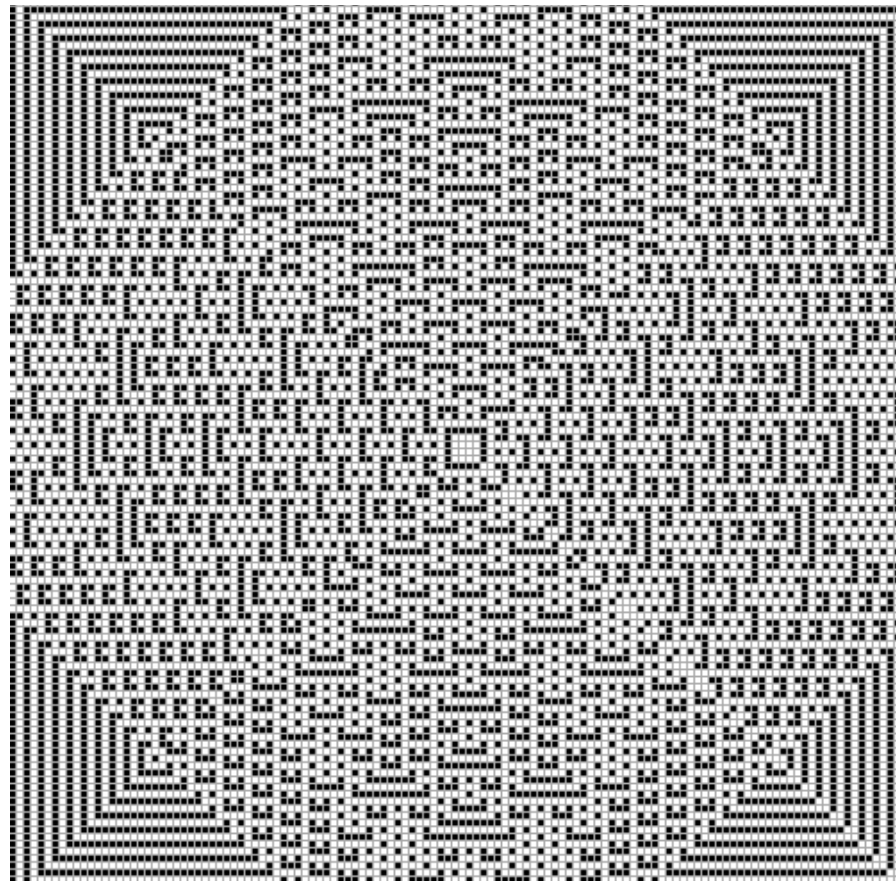
Color Store

airyblue < > Load Del Save

Grid Status: Draw

settings in init state

# Cellgraph



# Juliagraph

Juliagraph 0.6

Settings Image Help

**Constraints** Polynomial Color Mapping Color Selection

Type  
 Julia  Mandelbrot  Any

Pixel Coordinates: constant

Constant Values: start value

Zoom:  
0 << >> [slider]

Position:  
X: 0 << >> [slider]  
Y: 0 << >> [slider]

Constant:  
A: 0 << >> [slider]  
B: 0 << >> [slider]

Iteration Stop  
Value: 1000 Metric: |var|

Image: \_\_\_\_\_ Draw

done sketching a preview all settings are set to default

# Juliagraph

Juliagraph 0.6

Settings Image Help

Constraints **Polynomial** Color Mapping Color Selection

On  Factor Exponent: 1

Re: 1 << >> [slider]

Im: 1 << >> [slider]

On  Factor Exponent: 2

Re: 1 << >> [slider]

Im: 1 << >> [slider]

On  Factor Exponent: 3

Re: 1 << >> [slider]

Im: 1 << >> [slider]

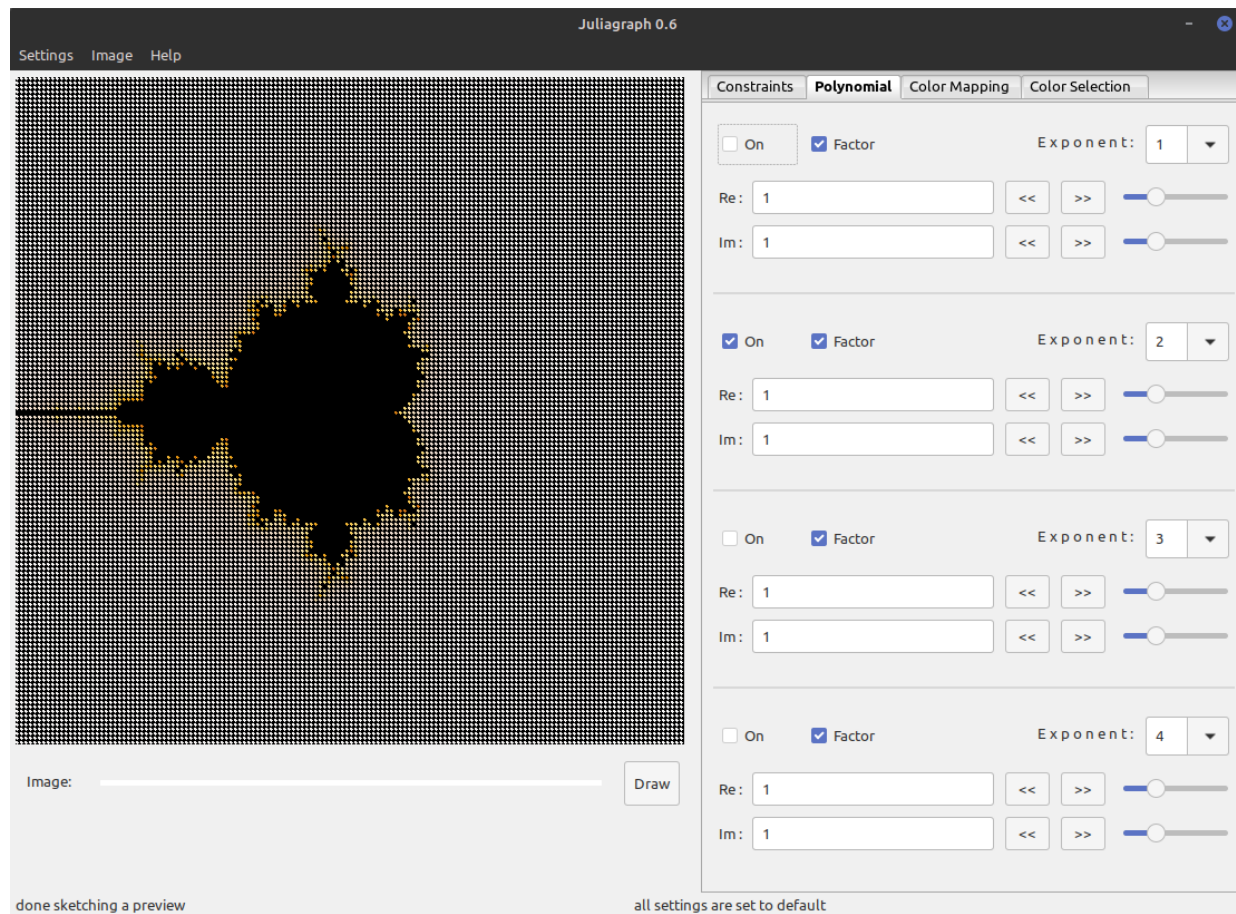
On  Factor Exponent: 4

Re: 1 << >> [slider]

Im: 1 << >> [slider]

Image: \_\_\_\_\_ Draw

done sketching a preview all settings are set to default

The image shows the Juliagraph software interface. On the left is a large grid displaying a fractal image, which is a black, jagged shape with a yellowish-gold border, resembling a Mandelbrot set. The interface has a dark grey header with the title 'Juliagraph 0.6' and menu items 'Settings', 'Image', and 'Help'. Below the header is a control panel with tabs for 'Constraints', 'Polynomial', 'Color Mapping', and 'Color Selection'. The 'Polynomial' tab is active. It contains four sections, each for a different exponent (1, 2, 3, 4). Each section has an 'On' checkbox, a 'Factor' checkbox, and an 'Exponent' dropdown menu. Below each section are input fields for 'Re' and 'Im' (both set to 1), and two sliders with '<<' and '>>' buttons. At the bottom left, there is an 'Image:' label and a 'Draw' button. At the bottom right, there is a status message: 'all settings are set to default'.

# Juliagraph

The screenshot displays the Juliagraph 0.6 application window. The main canvas shows a fractal image with a black and white grid background. The settings panel on the right is open to the 'Color Mapping' tab. The 'Color' checkbox is checked, and the 'Select' dropdown is set to 8. The 'Repeat' dropdown is set to 1. The 'Gradient' dropdown is set to 10, and the 'Dynamics' dropdown is set to 0. The 'Grading' section has 'Sub' selected. The 'Background' checkbox is checked, and the color is set to black. The RGB sliders are all set to 0. The 'H', 'S', and 'L' sliders are also set to 0. The 'Color Selection' dropdown is set to 'airyblue'. The 'Load', 'Del', and 'Save' buttons are visible. The status bar at the bottom indicates 'done sketching a preview' and 'all settings are set to default'.

Juliagraph 0.6

Settings Image Help

Constraints Polynomial **Color Mapping** Color Selection

Color:  Select: 8 Repeat: 1

Gradient: 10 Dynamics: 0

Grading  
 No  Sub Amount: 1

Background:  XXXXXXXXXX

R 0 - +

G 0 - +

B 0 - +

H 0 - +

S 0 - +

L 0 - +

airyblue

done sketching a preview all settings are set to default

# Juliagraph

The screenshot displays the Juliagraph 0.6 application window. The main canvas shows a fractal image with a black central shape and a yellow-orange border, set against a gray grid background. The interface includes a menu bar (Settings, Image, Help) and a toolbar with tabs for Constraints, Polynomial, Color Mapping, and Color Selection. The Color Selection panel is active, showing a Color Set Store with a dropdown menu set to 'dawn' and buttons for Load, Del, Save, and New. Below this is a Colors Set Function section with a dropdown set to 'Gradient' and a 'Complement' button. The Currently Used State Colors section shows a row of color swatches, with a checkmark under the second one. The Selected State Color section features sliders for R (249), G (229), B (149), H (48), S (89), and L (78). The Color Store section at the bottom has a dropdown set to 'airyblue' and buttons for Load, Del, and Save. At the bottom left, there is an 'Image:' label and a 'Draw' button. Status text at the bottom reads 'done sketching a preview' and 'all settings are set to default'.

Juliagraph 0.6

Settings Image Help

Constraints Polynomial Color Mapping **Color Selection**

Color Set Store

dawn < > Load Del Save New

Colors Set Function

Gray Gradient 0 Complement 0 0

Currently Used State Colors

Selected State Color

R 249 - +

G 229 - +

B 149 - +

H 48 - +

S 89 - +

L 78 - +

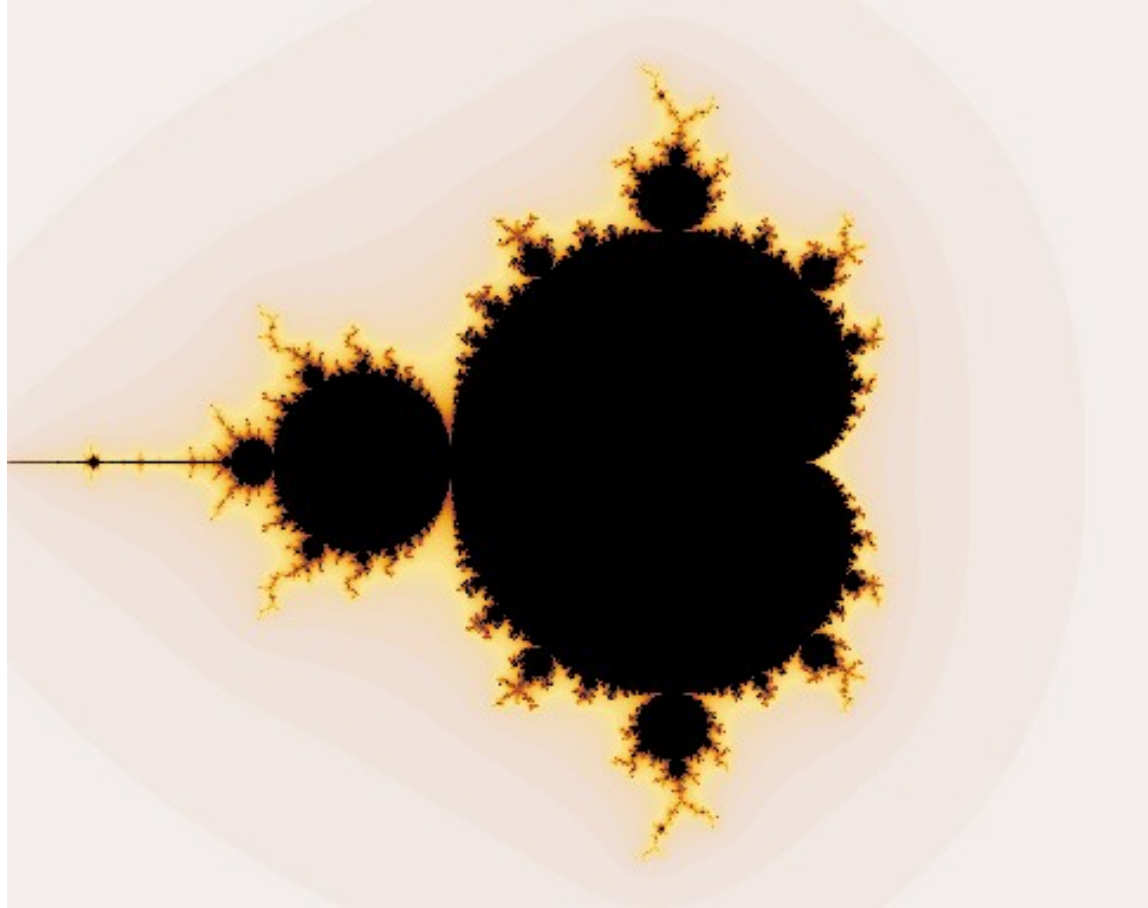
Color Store

airyblue < > Load Del Save

Image: Draw

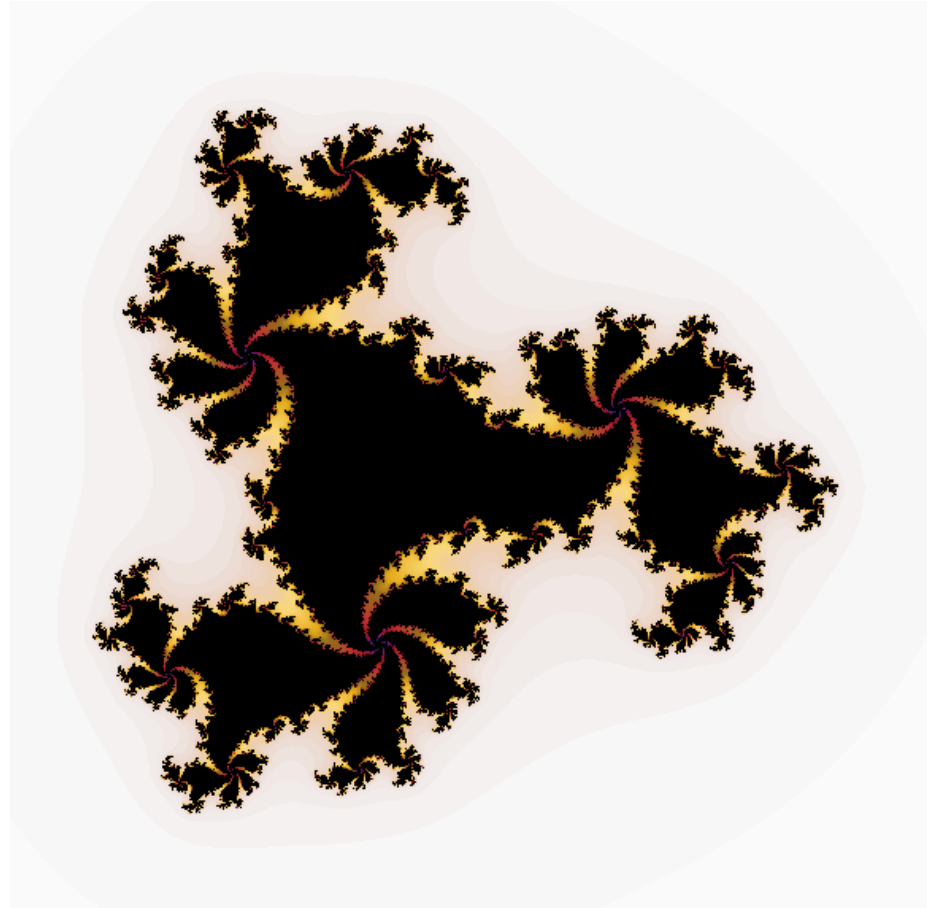
done sketching a preview all settings are set to default

# Juliagraph

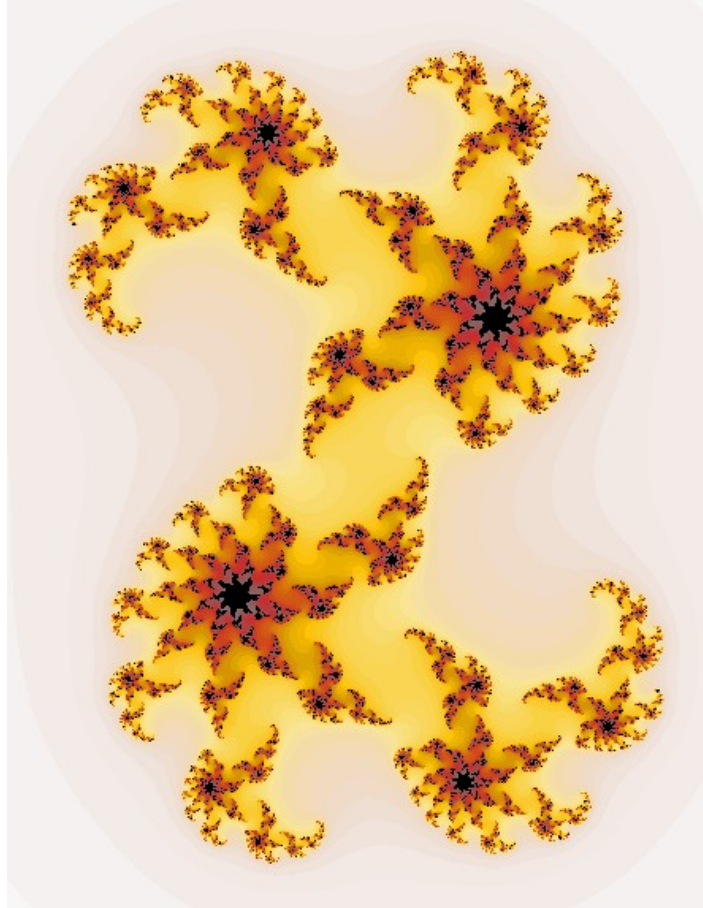




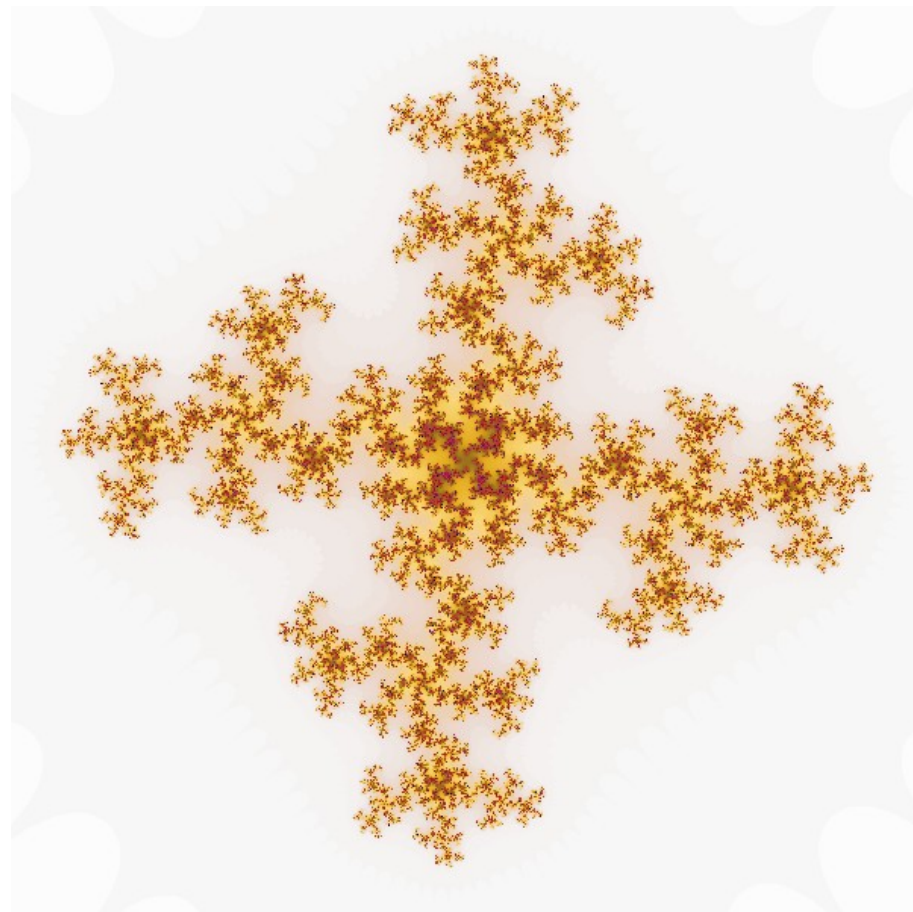
# Harmonograph



# Harmonograph

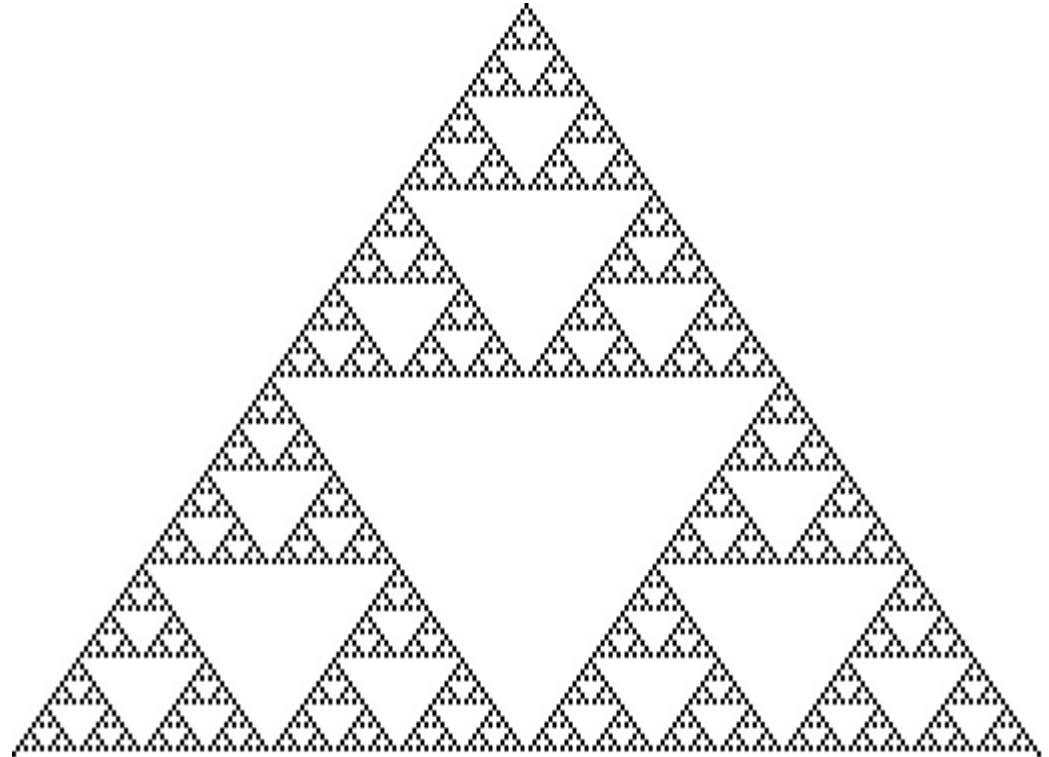


# Harmonograph



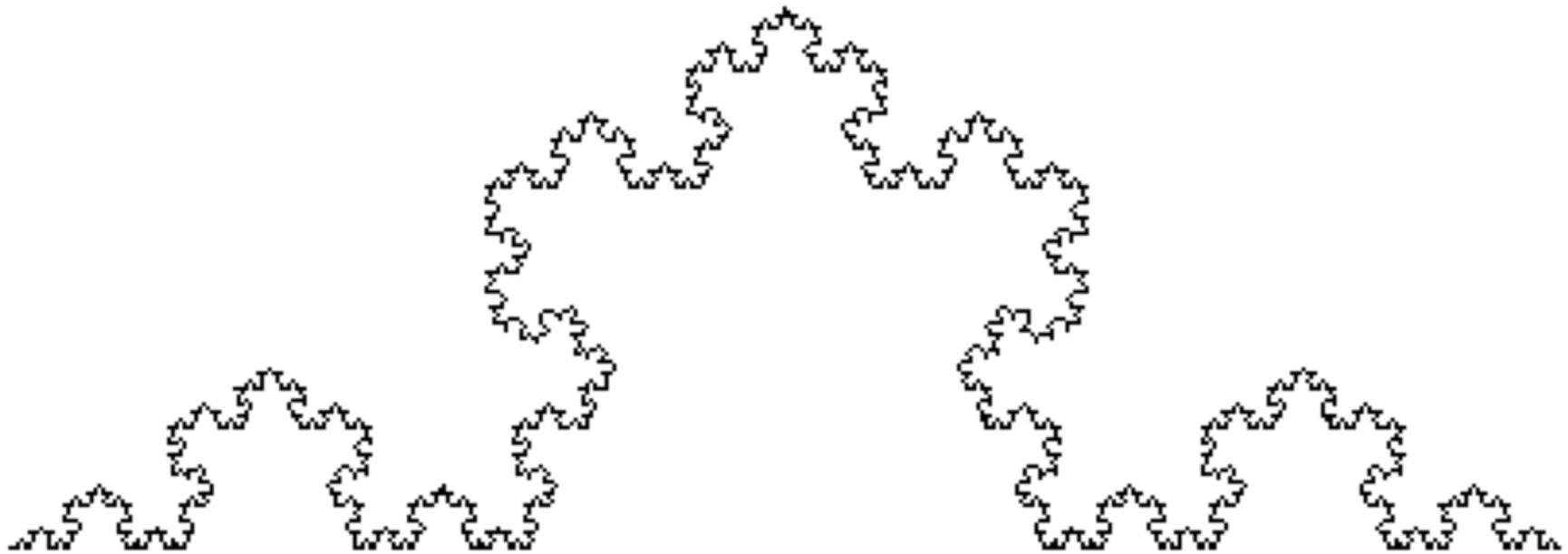
# Pläne

- Sierpingraph



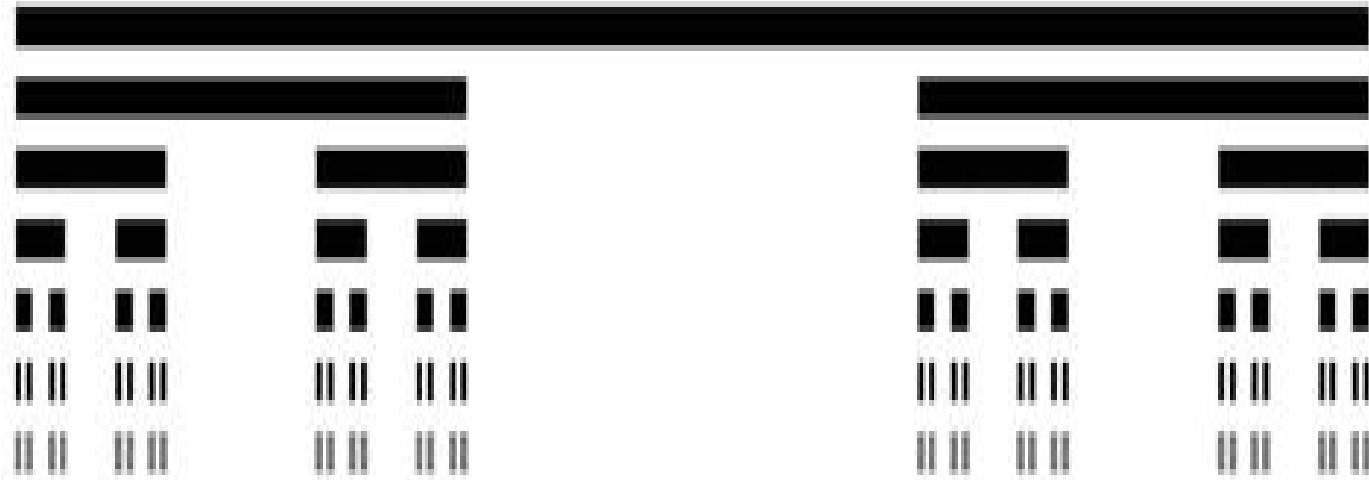
# Pläne

- Sierpingraph



# Pläne

- Sierpingraph



# Pläne

- Sierpingraph
  - hierarchische Formen
  - konstruierbare Gitter

# Pläne

- Sierpingraph
  - hierarchische Formen
  - konstruierbare Gitter
- 8 weitere



# Pläne

- Sierpingraph
  - hierarchische Formen
  - konstruierbare Gitter
- 8 weitere
- erweiterte Widgets

# Pläne

- Sierpingraph
  - hierarchische Formen
  - konstruierbare Gitter
- 8 weitere
- erweiterte Widgets
- Rust ?

# Danke

